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(Vol. 1)

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HIERARCHICAL LISTING
1985 EDITION

National Aeronautics and Space Administration

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16. Abstract There are 16,835 postable terms and 3,765 nonpostable terms approved for use in the NASA scientific and technical information system in the Hierarchical Listing of the NASA Thesaurus. The generic structure is presented for many terms. The broader term and narrower term relationships are shown in an indented fashion that illustrates the generic structure better than the more widely used BT and NT listings. Related terms are generously applied, thus enhancing the usefulness of the Hierarchical Listing. Greater access to the Hierarchical Listing may be achieved with the collateral use of Volume 2 - Access Vocabulary.			
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**VOLUME 1
HIERARCHICAL LISTING
1985 EDITION**



National Aeronautics
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NASA THESAURUS

1985 EDITION

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INTRODUCTION

The National Aeronautics and Space Act of 1958 tasks the National Aeronautics and Space Administration to "provide for the widest practicable and appropriate dissemination of information concerning its activities and the results thereof." To fulfill the Space Act mandate, NASA established a system of acquisition, processing, publication, announcement, dissemination, and exchange. Its purpose was to promote the highest R&D quality and productivity and to minimize R&D duplication. The embodiment of this system is the NASA Scientific and Technical Information (STI) Program. The STI Program is administered by the Scientific and Technical Information Branch.

At the heart of the STI Program is a vast wealth of aerospace information. Almost two and a half million documents have been put on record in the NASA STI database. The subject coverage of the collection reflects NASA's mission.

Computerized searches of this database are possible through use of NASA/RECON, the forerunner of many major online bibliographic search systems. The NASA Thesaurus is the key to the subject matter of the two and a half million documents.

Three major organizations are responsible for providing information to be included in the NASA STI database; the NASA Scientific and Technical Information Facility, the American Institute of Aeronautics and Astronautics, and the European Space Agency. The European Space Agency acts as a doorway to European aerospace literature and plays a vital role in acquisitions.

The American Institute of Aeronautics and Astronautics (AIAA) acquires periodicals (including government-sponsored journals) and books, meeting papers and conference proceedings issued by professional societies and academic organizations, and translations of journals and journal articles. In addition to adding this material into the database, AIAA publishes *International Aerospace Abstracts (IAA)* twice a month.

The NASA Scientific and Technical Information Facility acquires NASA authored, NASA contractor, and NASA grantee reports; reports issued by government agencies, domestic and foreign institutions, universities, and private firms; translations; NASA-owned patents and patent applications; and dissertations and theses emphasizing aeronautics, space, and supporting disciplines. In addition to updating the database, the Facility prepares a variety of announcement and abstract journals, including *Scientific and Technical Aerospace Reports (STAR)*. Both *IAA* and *STAR* publications use the NASA Thesaurus vocabulary for indexing.

In addition to its abstract and announcement services, the STI Branch is responsible for Special Publications, Conference Publications, Reference Publications, and other report series. The STI Branch promotes public access by contributing to the Federal Depository Library Program; at least one copy of every NASA publication, including the NASA Thesaurus, is available in either microfiche or printed form at 50 libraries throughout the United States. NASA publications are also available for sale by the Superintendent of Documents, U.S. Government Printing Office or by the National Technical Information Service.

The Aerospace Database, a consolidation of *IAA* and *STAR*, is available for public use within the United States through commercial database vendors. The Aerospace Database uses the NASA Thesaurus for its controlled vocabulary.

A NOTE ON THE HIERARCHICAL LISTING

The *NASA Thesaurus* contains the authorized subject terms by which the documents in the NASA scientific and technical information system are indexed and retrieved. The *NASA Thesaurus* comprises two volumes: Volume 1 — *Hierarchical Listing* and Volume 2 — *Access Vocabulary*. The *Hierarchical Listing* contains all subject terms and USE cross references currently approved for use. The *Listing* includes terms appearing in the *NASA Thesaurus*, Preliminary Edition (December 1967), the *NASA Thesaurus Alphabetical Update* (September 1971), the *NASA Thesaurus* (January 1976), the *NASA Thesaurus 1982 edition* and other terms approved through July 1985. The *Listing* contains 16,835 postable terms and 3,765 nonpostable terms. The *Access Vocabulary* contains postable terms, nonpostable terms, pseudoterms, and other entry terms to provide multiple access to the *NASA Thesaurus* terminology. The *Access Vocabulary* contains 40,738 entry terms.

The terminology of the *NASA Thesaurus* is based in large part on the actual indexing vocabulary developed by NASA during the sixties. Other thesauri, notably the *DOD Thesaurus of Engineering and Scientific Terms*, (AD-672000), have provided additional candidate terms. The general guidelines in creating and maintaining the *NASA Thesaurus* have been based on the *COSATI Guidelines for the Development of Information Retrieval Thesauri* (1 September 1967).

This edition of the *NASA Thesaurus* has undergone extensive revision. Array term hierarchies have been revised and expanded.

The *NASA Thesaurus* is updated by the *NASA Thesaurus Supplement* until a new edition is issued. The optimal revision of the *Thesaurus* terms and cross references will, however, require the cooperation and input of users of the *Thesaurus* and of the NASA scientific and technical information system. Suggestions for term modification, deletion, and addition should be addressed to: Lexicographer, NASA Scientific and Technical Information Facility, P.O. Box 8757, BWI Airport, Maryland 21240

DEFINITIONS AND CONVENTIONS

The definitions and conventions employed in the *NASA Thesaurus* follow.

Postable terms. Subject terms that have been approved for use in indexing and thus, can be 'posted'

Nonpostable terms. Terms that are included for cross reference information and cannot be used for indexing.

Term Selection. Subject terms have been chosen on the basis of their significance and use in aerospace literature and their effectiveness in incorporating productive retrieval concepts. Particular consideration has been given to frequency of use in earlier NASA indexing and search vocabularies, to relationships with other terms in the vocabulary, and to precise scientific and technical usage.

Noun Usage. In general, subject terms are presented in the noun form.

Singular vs. Plural. The plural form has in general been used for subject terms. The singular form, however, is occasionally employed for specific processes, properties, conditions, and hardware.

Term Length. No more than 42 characters, including spaces, are used for any subject term. Various words in longer terms are often truncated. With this edition scope notes are used to spell out truncated terms

Term Ambiguity. When subject terms have more than one meaning in aerospace usage, or where distinction between terms must be made, clarification is provided in one of two ways:

- a) Parenthetical qualifying expressions or glosses are added, becoming part of the subject term. For example:

SIZING (SHAPING)
SIZING (SURFACE TREATMENT)

- b) Parenthetical scope notes are also added for explanation or definition; they do not become part of the subject term. For example:

SPECTROSCOPIC ANALYSIS
SN (FOR SPECTROSCOPIC TOOLS IN
CHEMICAL ANALYSIS)

Direct Entry. Subject terms that consist of more than one word are listed for direct entry, i.e., in their natural word order rather than in the inverted form. Inverted forms appear in the *Access Vocabulary*. For example:

ANALYTICAL CHEMISTRY not CHEMISTRY, ANALYTICAL

Abbreviations and Acronyms. Some abbreviations and acronyms that are in common use in the aerospace community are employed in this *Thesaurus*. In most cases USE cross references are made from the unabbreviated forms. For example:

ORBITING SOLAR OBSERVATORY
USE OSO

Synonyms. When candidate subject terms are true synonyms, one is chosen to be the valid, or postable term, and the other is provided with a USE cross reference. For example:

COLUMBIAN
USE NIOBIUM

Array Terms. Subject terms with meaning either too broad or ambiguous for effective indexing or retrieval of information, have been designated array terms and carry the following scope note: (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW) Relationships with other postable terms are shown by the Related Term (RT) reference only. For example:

∞ BEAMS
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT BEAMS (RADIATION)
BEAMS (SUPPORTS)

An infinity symbol ∞ precedes an array term in each of its appearances in Volume 1.

Identifiers. In the *NASA Thesaurus* identifiers, i.e., subject terms that include a numeric or alphabetic designation, or both, for a specific model or item, are treated as regular subject terms and are provided complete cross references. For example:

F-111 AIRCRAFT
UF LASV
TFX AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
F-111 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
F-111 AIRCRAFT
GRUMMAN AIRCRAFT
F-111 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
. F-111 AIRCRAFT
SUPERSONIC AIRCRAFT
F-111 AIRCRAFT
RT VARIABLE SWEEP WINGS

CROSS REFERENCE STRUCTURE

Cross reference relationships in the *Hierarchical Listing* are shown as follows:

<i>Cross references</i>	<i>Notation</i>
Broader Term	GS
Narrower Term	GS
Related Term	RT
Use	USE
Used For	UF

These cross references have the following applications:

Broader Term. This reference indicates that the term represents more inclusive concepts. In the Generic Structure (GS), the Broader Terms appear above and to the left of the term referenced. For example:

```
REENTRY COMMUNICATION
GS  TELECOMMUNICATION
    SPACE COMMUNICATION
    SPACECRAFT COMMUNICATION
    REENTRY COMMUNICATION
```

TELECOMMUNICATION, SPACE COMMUNICATION and SPACECRAFT COMMUNICATION are Broader Terms to REENTRY COMMUNICATION.

Narrower Term. This reference indicates that the term represents more specific concepts. In the Generic Structure (GS), the Narrower Terms appear below and to the right (indented) of the term referenced. For example:

```
GS  SCANNERS
    COASTAL ZONE COLOR SCANNER
    HORIZON SCANNERS
    INFRARED SCANNERS
    OPTICAL SCANNERS
    FLYING SPOT SCANNERS
    MULTISPECTRAL BAND SCANNERS
```

COASTAL ZONE COLOR SCANNER, HORIZON SCANNERS, INFRARED SCANNERS, and OPTICAL SCANNERS are Narrower Terms to SCANNERS. FLYING SPOT SCANNERS and MULTISPECTRAL BAND SCANNERS are narrower to both OPTICAL SCANNERS and SCANNERS.

The number of narrow terms is not limited. For example SATELLITES has over 500 narrower terms.

Related Term (RT). This reference indicates that the two terms are closely related conceptually but are not structured within the broader or narrower 'tree,' or hierarchy. The reciprocal of the RT reference 'a' is the RT reference 'b' and vice versa.

```
(a) RADAR EQUIPMENT
    RT  RADIO EQUIPMENT
(b) RADIO EQUIPMENT
    RT  RADAR EQUIPMENT
```

Use (USE). This reference indicates that the term is not 'postable,' i.e., not a valid term, and that the following term or terms should be used instead. For example:

```
STS
USE  SPACE TRANSPORTATION SYSTEM
```

Used For (UF). This is a reciprocal of the USE cross reference and identifies valid, or 'postable,' terms. For example:

```
SPACE TRANSPORTATION SYSTEM
UF  STS
```


ALPHABETIZATION

The ordering of subject terms into an alphabetical arrangement can be accomplished in several ways. The most commonly used methods are the letter-by-letter, word-by-word, and the computer sorting order. In the absence of any universal agreement on a standardized approach, a word-oriented modification of the computer sorting technique has been adopted in this *Thesaurus* as the most useful and economic for this purpose

Nonalphabetic characters are filed either at the beginning of the alphabet, at the end of the alphabet or are ignored altogether. Thus parens are filed before the alphabet in Volume 1. Parens are ignored for filing in Volume 2 due to permuting. Hyphens, slashes and periods follow blank spaces

RELATIONSHIP TO ACCESS VOCABULARY

The *NASA Thesaurus Volume 2 — Access Vocabulary* is a useful companion to this volume and its use is encouraged. It provides thousands of additional 'access points' to the terms whose hierarchies are listed in this volume

NASA THESAURUS SUPPLEMENT

The *NASA Thesaurus* is kept up to date by the cumulative *NASA Thesaurus Supplement* which is published twice a year and includes information through January and July respectively. The *NASA Thesaurus Supplement* contains hierarchies for new terms as well as the *Access Vocabulary* and a listing of deletions.

PREVIOUS EDITIONS OF THE NASA THESAURUS

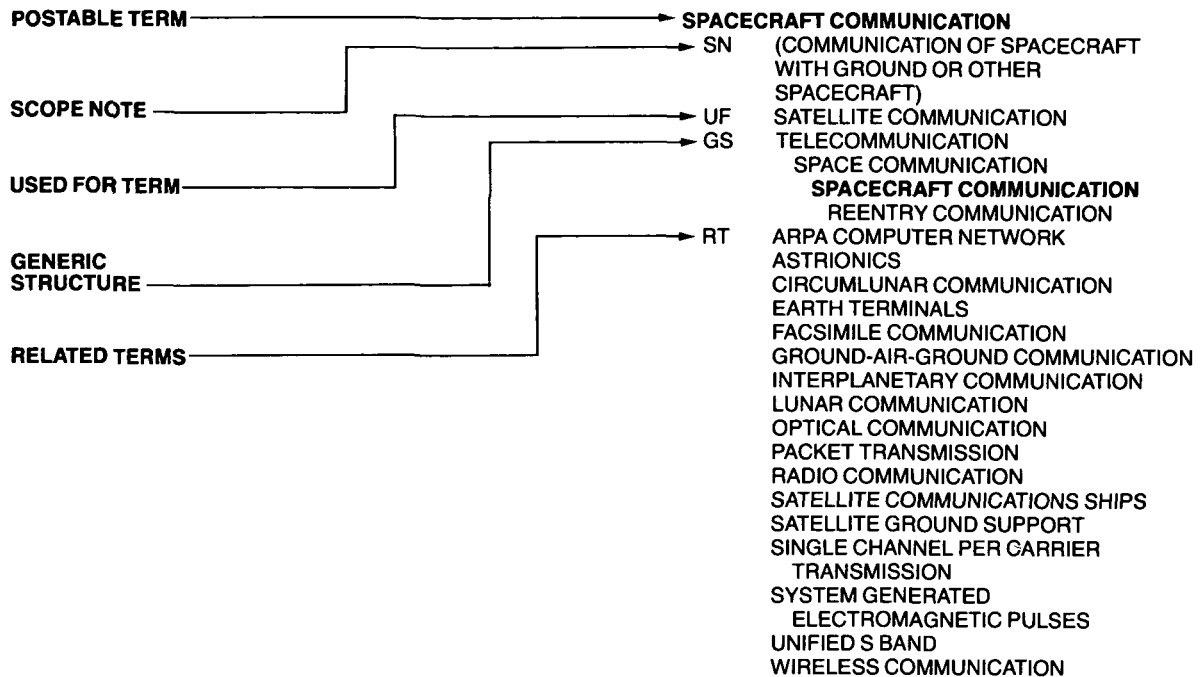
NASA Thesaurus; Subject Terms for Indexing Scientific and Technical Information Preliminary Edition, 1967 NASA SP-7030. 3 Vols., Vol. 1. Alphabetical Listing, A-L, Vol. 2. Alphabetical Listing, M-Z; Vol. 3. Appendixes.

NASA Thesaurus Alphabetical Update. 1971, NASA SP-7040.

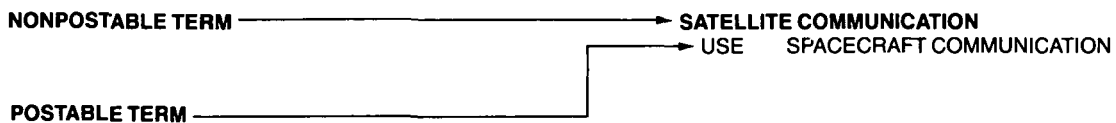
NASA Thesaurus 1976 Edition, NASA SP-7050. 2 Vols Vol 1, Alphabetical Listing, Vol. 2, Access Vocabulary.

NASA Thesaurus. 1982 Edition, NASA SP-7051. 2 Vols. Vol. 1, Hierarchical Listing; Vol. 2, Access Vocabulary.

TYPICAL HIERARCHICAL LISTING ENTRIES



USE CROSS REFERENCE



NASA THESAURUS

VOLUME 1 HIERARCHICAL LISTING

A

A STARS

GS CELESTIAL BODIES
A STARS
RT BLUE STARS
PECULIAR STARS
WOLF-RAYET STARS

A-1 AIRCRAFT

UF SKYRAIDER AIRCRAFT
GS ATTACK AIRCRAFT
A-1 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
A-1 AIRCRAFT
MONOPLANES
A-1 AIRCRAFT
RT ∞ AIRCRAFT

A-2 AIRCRAFT

UF SAVAGE AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-2 AIRCRAFT
JET AIRCRAFT
A-2 AIRCRAFT
MONOPLANES
A-2 AIRCRAFT
NORTH AMERICAN AIRCRAFT
A-2 AIRCRAFT
OBSERVATION AIRCRAFT
A-2 AIRCRAFT
RT ∞ AIRCRAFT

A-3 AIRCRAFT

UF A3D AIRCRAFT
SKYWARRIOR AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-3 AIRCRAFT
JET AIRCRAFT
A-3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
A-3 AIRCRAFT
MONOPLANES
A-3 AIRCRAFT
RT ∞ AIRCRAFT

A-4 AIRCRAFT

UF A4D AIRCRAFT
SKYHAWK AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-4 AIRCRAFT
JET AIRCRAFT
A-4 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
A-4 AIRCRAFT
MONOPLANES
A-4 AIRCRAFT
RT ∞ AIRCRAFT
J-65 ENGINE

A-5 AIRCRAFT

UF A3J AIRCRAFT
VIGILANTE AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-5 AIRCRAFT
JET AIRCRAFT
A-5 AIRCRAFT
MONOPLANES
A-5 AIRCRAFT
NORTH AMERICAN AIRCRAFT
A-5 AIRCRAFT
SUPERSONIC AIRCRAFT
A-5 AIRCRAFT

A-5 AIRCRAFT-(CONT.)

RT ∞ AIRCRAFT

A-6 AIRCRAFT

UF A2F AIRCRAFT
INTRUDER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-6 AIRCRAFT
GRUMMAN AIRCRAFT
A-6 AIRCRAFT
JET AIRCRAFT
A-6 AIRCRAFT
MONOPLANES
A-6 AIRCRAFT
RT ∞ AIRCRAFT

A-7 AIRCRAFT

UF CORSAIR AIRCRAFT
GS ATTACK AIRCRAFT
A-7 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
A-7 AIRCRAFT
LING-TEMCO-VOUGHT AIRCRAFT
A-7 AIRCRAFT
MONOPLANES
A-7 AIRCRAFT
RT ∞ AIRCRAFT

A-9 AIRCRAFT

GS ATTACK AIRCRAFT
A-9 AIRCRAFT
NORTHROP AIRCRAFT
A-9 AIRCRAFT
RECONNAISSANCE AIRCRAFT
A-9 AIRCRAFT
RT ∞ AIRCRAFT

A-10 AIRCRAFT

GS ATTACK AIRCRAFT
A-10 AIRCRAFT
REPUBLIC AIRCRAFT
A-10 AIRCRAFT
RT ∞ AIRCRAFT

A-11 SATELLITE

USE ECHO 1 SATELLITE

A-12 SATELLITE

USE ECHO 2 SATELLITE

A-37 AIRCRAFT

GS ATTACK AIRCRAFT
A-37 AIRCRAFT
CESSNA AIRCRAFT
A-37 AIRCRAFT
MONOPLANES
A-37 AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
T-37 AIRCRAFT

A-300 AIRCRAFT

GS COMMERCIAL AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
JET AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
PASSENGER AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
TRANSPORT AIRCRAFT
A-300 AIRCRAFT
RT ∞ AIRCRAFT
INTERNATIONAL COOPERATION
SWEPT WINGS

A-310 AIRCRAFT

GS COMMERCIAL AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
JET AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
PASSENGER AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
RT INTERNATIONAL COOPERATION
SWEPT WINGS

A-320 AIRCRAFT

GS COMMERCIAL AIRCRAFT
EUROPEAN AIRBUS
A-320 AIRCRAFT
JET AIRCRAFT
EUROPEAN AIRBUS
A-320 AIRCRAFT
PASSENGER AIRCRAFT
EUROPEAN AIRBUS
A-320 AIRCRAFT
TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS
A-320 AIRCRAFT
RT INTERNATIONAL COOPERATION
SWEPT WINGS

AAP 1 MISSION

RT APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
SKYLAB PROGRAM

AAP 2 MISSION

RT APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
SKYLAB PROGRAM

AAP 3 MISSION

RT APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
SKYLAB PROGRAM

AAP 4 MISSION

RT APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
SKYLAB PROGRAM

ABDOMEN

GS ANATOMY
ABDOMEN
VISCERA
ABDOMEN
RT DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
INTESTINES
PERITONEUM
STOMACH
VENTRAL SECTIONS

ABEL FUNCTION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
ABEL FUNCTION
FUNCTIONS (MATHEMATICS)
ABEL FUNCTION
RT SERIES (MATHEMATICS)

ABERRATION

RT ABNORMALITIES
ASPHERICITY
BLURRING
∞ COMA

ABILITIES

ABERRATION-(CONT)

CRYSTAL OPTICS
DEVIATION
DISTORTION
GRAZING INCIDENCE
SPATIAL FILTERING

ABILITIES

UF PROFICIENCY
SKILLS
GS ARTS
ABILITIES
RT CONSISTENCY
EFFORT
HUMAN FACTORS ENGINEERING
INCOMPATIBILITY
TRANSFER OF TRAINING

ABIOTENESIS

GS EVOLUTION (DEVELOPMENT)
BIOLOGICAL EVOLUTION
ABIOTENESIS
RT AUTOCATALYSIS
CHEMICAL EVOLUTION
LIFE SCIENCES
PANSPERMIA
SPERMATOTENESIS

ABLATED NOSETIPS

USE PANT PROGRAM

ABLATION

RT ABLATIVE MATERIALS
ABLATIVE NOSE CONES
AERODYNAMIC HEAT TRANSFER
AERODYNAMIC HEATING
AEROTHERMOCHEMISTRY
ATMOSPHERIC ENTRY
BURNTHROUGH (FAILURE)
CHARRING
COOLING
DECOMPOSITION
EROSION
GAS-METAL INTERACTIONS
HEAT SHIELDING
IMPINGEMENT
JET IMPINGEMENT
MASS TRANSFER
MELTING
PYROLYSIS
REENTRY
REENTRY EFFECTS
REENTRY PHYSICS
REENTRY SHIELDING
SUBLIMATION
TEMPERATURE EFFECTS
THERMAL ABSORPTION
THERMAL DECOMPOSITION
VAPORIZING

ABLATIVE MATERIALS

RT ABLATION
COOLING
HEAT SHIELDING
HEAT SINKS
∞ MATERIALS
NOSE CONES
NOZZLE INSERTS
PYROLYTIC MATERIALS
REFRACTORY MATERIALS
TEMPERATURE
THERMAL CONTROL COATINGS
THERMAL PROTECTION

ABLATIVE NOSE CONES

GS CONES
NOSE CONES
ABLATIVE NOSE CONES
RT ABLATION
HEAT SHIELDING
REENTRY SHIELDING
REENTRY VEHICLES
ROCKET NOSE CONES
SHIELDING

ABLESTAR LAUNCH VEHICLE

GS LAUNCH VEHICLES
ABLESTAR LAUNCH VEHICLE
ROCKET VEHICLES
ABLESTAR LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES

ABM

USE APOGEE BOOST MOTORS

ABNORMALITIES

RT ABERRATION
DEVIATION
DISTORTION
ECCENTRICITY
IRREGULARITIES
UNIQUENESS

ABORIGINES

RT ANTHROPOLOGY
HUMAN BEINGS
INHABITANTS

ABORT APPARATUS

GS SAFETY DEVICES
ABORT APPARATUS
RT ABORTED MISSIONS
AIRCRAFT SAFETY
ARRESTING GEAR
∞ BARRIERS
BRAKES (FOR ARRESTING MOTION)
DRAG DEVICES
EJECTION SEATS
∞ EQUIPMENT
ESCAPE CAPSULES
ESCAPE ROCKETS
FLYING EJECTION SEATS

ABORT TRAJECTORIES

GS TRAJECTORIES
ABORT TRAJECTORIES
RT ABORTED MISSIONS
MATTS (SYSTEMS)

ABORTED MISSIONS

RT ABORT APPARATUS
ABORT TRAJECTORIES
DESTRUCTION
ENGINE FAILURE
ESCAPE CAPSULES
ESCAPE ROCKETS
FAILURE
MALFUNCTIONS
∞ MISSIONS

ABRASION

RT ABRASIVES
CHIPPING
CLEANING
CUTTING
DRY FRICTION
EROSION
FILES (TOOLS)
FRICTION
GRINDING (MATERIAL REMOVAL)
LESIONS
METALLOGRAPHY
POLISHING
SCORING
SOIL EROSION
TRIBOLOGY
WEAR

ABRASION RESISTANCE

GS MECHANICAL PROPERTIES
ABRASION RESISTANCE
RT HARDNESS
∞ RESISTANCE
TOUGHNESS

ABRASIVES

RT ABRASION
ALUMINUM OXIDES
CARBORUNDUM (TRADEMARK)
CERAMICS
DIAMONDS
GRIT
PUMICE
QUARTZ
SILICON CARBIDES

ABRIKOSOV THEORY

RT CRYSTAL STRUCTURE
ELECTROMAGNETIC FIELDS
SUPERCONDUCTIVITY
SUPERCONDUCTORS
∞ THEORIES
VORTICES

ABSOLUTE ZERO

GS TEMPERATURE
ABSOLUTE ZERO
RT CRYOGENICS
SUBZERO TEMPERATURE

NASA THESAURUS (VOLUME 1)

ABSOLUTE ZERO-(CONT)

TEMPERATURE EFFECTS
TEMPERATURE SCALES
ULTRALOW TEMPERATURES
ZERO POINT ENERGY

ABSORBENTS

UF MOLECULAR SIEVES
GS SORBENTS
ABSORBENTS
RT ∞ ABSORBERS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
ADSORBENTS
AIR CONDITIONING EQUIPMENT
DESICCANTS
LOW DENSITY MATERIALS
MATERIAL ABSORPTION
∞ MATERIALS

∞ ABSORBERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ABSORBERS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
ATTENUATORS
CLEANERS
OSCILLATION DAMPERS
SHOCK ABSORBERS
VIBRATION ISOLATORS

ABSORBERS (EQUIPMENT)

SN (EXCLUDES EQUIPMENT FOR
ABSORBING ENERGY)
RT ABSORBERS
∞ ABSORBERS
ABSORBERS (MATERIALS)
AIR CONDITIONING EQUIPMENT
CLEANERS
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
DEGASSING
DRYING APPARATUS
∞ EQUIPMENT
MATERIAL ABSORPTION
REFRIGERATING MACHINERY
SHOCK ABSORBERS

ABSORBERS (MATERIALS)

SN (EXCLUDES ABSORBENTS--LIMITED TO
MATERIALS FOR ABSORBING RADIATION
RATHER THAN OTHER MATERIALS)
RT ABSORBERS
∞ ABSORBERS
ABSORBERS (EQUIPMENT)
ACOUSTIC RETROFITTING
ATTENUATORS
CLEANERS
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE FILTERS
ENERGY ABSORPTION
∞ FILTERS
HEAT SINKS
INSULATION
JACKETS
LOW DENSITY MATERIALS
∞ MATERIALS
NEUTRON ABSORBERS
RADAR ABSORBERS
RADIATION SHIELDING
REFRIGERANTS
SHIELDING
SINKS
SOLAR ENERGY ABSORBERS
STOPPING POWER
SUPPRESSORS

ABSORPTANCE

GS ELECTROMAGNETIC PROPERTIES
ABSORPTANCE
RT ALBEDO
CAPTURE EFFECT
COSMIC RAY ALBEDO
DENSITY (MASS/VOLUME)
EARTH ALBEDO
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION
LUNAR ALBEDO
OPACITY
REFLECTANCE
SURFACE PROPERTIES
TRANSMISSION

NASA THESAURUS (VOLUME 1)

ABSORPTANCE-(CONT)

TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCE
TURBIDITY

∞ ABSORPTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT ABSORPTION COOLING
ABSORPTION CROSS SECTIONS
ABSORPTION SPECTRA
ABSORPTION SPECTROSCOPY
ABSORPTIVITY
ACTIVATED CARBON
ADSORPTION
ATOMIC COLLISIONS
ATTENUATION
AURORAL ABSORPTION
BENEFICIATION
CAPTURE EFFECT
COLLISION PARAMETERS
COSMIC RAY ALBEDO
DAMPING
DESORPTION
DIFFUSION
DRYING
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
ENERGY ABSORPTION FILMS
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
INFRARED SPECTRA
MATERIAL ABSORPTION
MATERIALS RECOVERY
MODERATION (ENERGY ABSORPTION)
MOLECULAR ABSORPTION
MULTIPHOTON ABSORPTION
PERMEATING
PHOTOABSORPTION
PLANETARY ATMOSPHERES
POLAR CAP ABSORPTION
RADIATION ABSORPTION
SELF ABSORPTION
SORPTION
SOUND TRANSMISSION
THERMAL ABSORPTION
ULTRAVIOLET ABSORPTION
VISIBLE SPECTRUM
X RAY ABSORPTION

ABSORPTION BANDS

USE ABSORPTION SPECTRA

ABSORPTION COEFFICIENT

USE ABSORPTIVITY

ABSORPTION COOLING

GS COOLING
RT ∞ ABSORPTION
AMMONIA
MAGNETIC COOLING
REFRIGERANTS

ABSORPTION CROSS SECTIONS

UF CAPTURE CROSS SECTIONS
RT ∞ ABSORPTION
∞ CROSS SECTIONS
IONIZATION CROSS SECTIONS
NEUTRON CROSS SECTIONS
RADIATION ABSORPTION
SCATTERING CROSS SECTIONS
STOPPING POWER

ABSORPTION SPECTRA

UF ABSORPTION BANDS
SPECTRAL ABSORPTION
GS SPECTRA
ABSORPTION SPECTRA
FRAUNHOFER LINES
HERZBERG BANDS
TELLURIC LINES
RT ∞ ABSORPTION
BALMER SERIES
∞ BANDS
CONTINUOUS RADIATION
D LINES
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SPECTRA
ELECTRON SPECTROSCOPY
ELECTRONIC SPECTRA
EMISSION SPECTRA
ENERGY SPECTRA

ABSORPTION SPECTRA-(CONT)

FRAUNHOFER LINE DISCRIMINATORS
GALACTIC NUCLEI
GAMMA RAY ABSORPTIOMETRY
H ALPHA LINE
H BETA LINE
H GAMMA LINE
H LINES
IONIZING RADIATION
K LINES
LASER SPECTROMETERS
LINE SPECTRA
MICROWAVE SPECTRA
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY
OSCILLATOR STRENGTHS
PARAMAGNETIC RESONANCE
PASCHEN SERIES
PHOTOLUMINESCENT BANDS
PHOTON ABSORPTIOMETRY
RAMAN SPECTRA
RYDBERG SERIES
SCHUMANN-RUNGE BANDS
SELF ABSORPTION
SOLAR SPECTRA
SOLAR SPECTROMETERS
SPECTRUM ANALYSIS
SPIN TEMPERATURE
STELLAR SPECTRA
SYMBIOTIC STARS
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM

ABSORPTION SPECTROSCOPY

GS SPECTROSCOPY
ABSORPTION SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
RT ∞ ABSORPTION
FRAUNHOFER LINES
INFRARED SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
ULTRAVIOLET SPECTROSCOPY

ABSORPTIVE INDEX

USE ABSORPTIVITY

ABSORPTIVITY

UF ABSORPTION COEFFICIENT
ABSORPTIVE INDEX
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
ABSORPTIVITY
RT ∞ ABSORPTION
BEER LAW
BOUGUER LAW
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
KIRCHHOFF LAW OF RADIATION
OPACITY
OSCILLATOR STRENGTHS
SCATTERING COEFFICIENTS
SELF ABSORPTION
TRANSMISSIVITY
TRANSPARENCE

ABSTRACTS

GS DOCUMENTS
ABSTRACTS
SUMMARIES
RT ABSTRACTS
ANNOTATIONS
BIBLIOGRAPHIES
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
TECHNICAL WRITING

ABUNDANCE

UF ELEMENT ABUNDANCE
RT AVAILABILITY
ENERGY POLICY
METALLIC STARS
METALLICITY
RESERVES
RESOURCES
STELLAR COMPOSITION

AC (CURRENT)

USE ALTERNATING CURRENT

AC GENERATORS

UF ALTERNATING CURRENT GENERATORS
ALTERNATORS (GENERATORS)
GS ELECTRIC GENERATORS
AC GENERATORS

ACCELERATION STRESSES (PHYSIOLOGY)

AC GENERATORS-(CONT)

RT STATIC ALTERNATORS
COMPULSATORS
∞ GENERATORS
TURBOGENERATORS

AC-1 AIRCRAFT

USE DHC 4 AIRCRAFT

ACCELERATED LIFE TESTS

RT ACCEPTABILITY
EVALUATION
FATIGUE LIFE
LIFE (DURABILITY)
PERFORMANCE TESTS
QUALITY CONTROL
SERVICE LIFE
∞ TESTS

ACCELERATING AGENTS

RT ∞ ACCELERATORS
ADMIXTURES
∞ AGENTS
CATALYSTS
RETARDANTS

∞ ACCELERATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT ACCELERATION (PHYSICS)
ACCELERATION PROTECTION
ACCELERATION STRESSES
(PHYSIOLOGY)
∞ ACCELERATORS
ANGULAR ACCELERATION
CATALYSIS
ELECTROMAGNETIC ACCELERATION
ELECTRON ACCELERATION
GRAVIMETRY
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
HUMAN TOLERANCES
IMPACT ACCELERATION
PARTICLE ACCELERATION
PHYSIOLOGICAL ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION

ACCELERATION (PHYSICS)

UF BOOST
G FORCE
GS RATES (PER TIME)
ACCELERATION (PHYSICS)
ANGULAR ACCELERATION
DECELERATION
SPIN REDUCTION
ELECTRON ACCELERATION
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
IMPACT ACCELERATION
PARTICLE ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION
RT ∞ ACCELERATION
ACCELERATION STRESSES
(PHYSIOLOGY)
ACCELEROMETERS
BODY KINEMATICS
EXPULSION
FLIGHT STRESS (BIOLOGY)
∞ FORCE
KINEMATICS
KINETICS
MECHANICAL SHOCK
∞ MOTION
PHYSIOLOGICAL ACCELERATION
STRESS (PHYSIOLOGY)
THRUST
THRUST-WEIGHT RATIO
VELOCITY

ACCELERATION PROTECTION

GS PROTECTION
ACCELERATION PROTECTION
RT ∞ ACCELERATION
EMBEDDING
SUPINE POSITION

ACCELERATION STRESSES (PHYSIOLOGY)

GS STRESS (PHYSIOLOGY)
ACCELERATION STRESSES
(PHYSIOLOGY)
CENTRIFUGING STRESS
RT ∞ ACCELERATION

ACCELERATION TOLERANCE

ACCELERATION STRESSES-(CONT)

ACCELERATION (PHYSICS)
AEROSPACE MEDICINE
ARTIFICIAL GRAVITY
BODY KINEMATICS
GRAVITATIONAL EFFECTS
GRAVITATIONAL PHYSIOLOGY
HIGH ACCELERATION
LOWER BODY NEGATIVE PRESSURE
MOTION SICKNESS
PHYSIOLOGICAL ACCELERATION
TRANSVERSE ACCELERATION

ACCELERATION TOLERANCE

SN (LIMITED TO ABILITY OF ORGANISMS TO
WITHSTAND ACCELERATION-FOR
EFFECTS ON EQUIPMENT, USE SHOCK
RESISTANCE AND MECHANICAL SHOCK)
GS TOLERANCES (PHYSIOLOGY)

ACCELERATION TOLERANCE

RT BLACKOUT (PHYSIOLOGY)
BLACKOUT PREVENTION
CENTRIFUGING STRESS
GRAVITATIONAL EFFECTS
HIGH ACCELERATION
HUMAN CENTRIFUGES
HUMAN TOLERANCES
∞ RESISTANCE

∞ ACCELERATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT ACCELERATING AGENTS
∞ ACCELERATION
COAXIAL PLASMA ACCELERATORS
CYCLIC ACCELERATORS
CYCLOPS PLASMA ACCELERATOR
ELECTRON ACCELERATORS
GEOCYCLOTRONS
HALL ACCELERATORS
HYPERVELOCITY GUNS
ION ACCELERATORS
LINEAR ACCELERATORS
NIMROD ACCELERATOR
PARTICLE ACCELERATOR TARGETS
PARTICLE ACCELERATORS
PLASMA ACCELERATORS
RACETRACKS (PARTICLE
ACCELERATORS)
RAILGUN ACCELERATORS
SEPA (PAYLOAD)
STORAGE RINGS (PARTICLE
ACCELERATORS)
SYNCHROPHASOTRONS
VAN DE GRAAFF ACCELERATORS

ACCELEROMETERS

GS MEASURING INSTRUMENTS
ACCELEROMETERS
STRAIN GAGE ACCELEROMETERS
RT ACCELERATION (PHYSICS)
GRAVIMETERS
GRAVIMETRY
GYROSCOPIC PENDULUMS
MECHANICAL MEASUREMENT
PENDULUMS
SEISMOGRAPHS
SHOCK MEASURING INSTRUMENTS
SPEED INDICATORS
THRUST MEASUREMENT
VELOCITY MEASUREMENT
VIBRATION METERS

ACCEPTABILITY

UF ACCEPTANCE
RT ACCELERATED LIFE TESTS
COMPATIBILITY
EVALUATION
EXAMINATION
FIGURE OF MERIT
INSPECTION
PERFORMANCE TESTS
PROVING
QUALITY CONTROL
REJECTION
RELIABILITY
RISK
SAMPLES
STANDARDS
SUITABILITY
∞ TESTS
TOLERANCES (MECHANICS)
VALIDITY

ACCEPTANCE

USE ACCEPTABILITY

ACCEPTOR MATERIALS

GS SEMICONDUCTORS (MATERIALS)
ACCEPTOR MATERIALS
RT CARRIER DENSITY (SOLID STATE)
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
∞ MATERIALS

ACCESS CONTROL

RT COMMUNICATION NETWORKS
∞ CONTROL
DATA TRANSMISSION
MULTIPLE ACCESS
MULTIPLEXING
RADIO COMMUNICATION
TELECOMMUNICATION

ACCESS TIME

GS TIME
ACCESS TIME
RT DATA PROCESSING
RATES (PER TIME)
TIME CONSTANT
∞ TIME RESPONSE

ACCESSORIES

UF ATTACHMENTS
RT ∞ COMPONENTS
EXTENSIONS
FITTINGS
INSERTS
SUBASSEMBLIES

ACCIDENT INVESTIGATION

GS INVESTIGATION
ACCIDENT INVESTIGATION
AIRCRAFT ACCIDENT INVESTIGATION
RT ACCIDENTS
AUTOMOBILE ACCIDENTS
WRECKAGE

ACCIDENT PREVENTION

UF PRECAUTIONS
GS PREVENTION
ACCIDENT PREVENTION
RT ACCIDENTS
AEROSPACE SAFETY
AIR BAG RESTRAINT DEVICES
AUTOMOBILE ACCIDENTS
AVOIDANCE
FIRE PREVENTION
HAZARDS
PROTECTION
SAFETY
SAFETY DEVICES
SAFETY MANAGEMENT
WARNING
WARNING SYSTEMS

ACCIDENT PRONENESS

RT SAFETY DEVICES
SAFETY FACTORS

ACCIDENTS

GS ACCIDENTS
BIRD-AIRCRAFT COLLISIONS
LOSS OF COOLANT
RT ACCIDENT INVESTIGATION
ACCIDENT PREVENTION
AIR BAG RESTRAINT DEVICES
AIRCRAFT ACCIDENTS
AUTOMOBILE ACCIDENTS
CRASH INJURIES
CRASHES
DESTRUCTION
DISASTERS
EMERGENCIES
EXPLOSIONS
FIRES
FIRST AID
HAZARDS
INDUSTRIAL SAFETY
INJURIES
SABOTAGE
SAFETY
SAFETY DEVICES
TRAFFIC
WRECKAGE

ACCLIMATIZATION

UF DEACCLIMATIZATION

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ACCLIMATIZATION-(CONT)

GS ADAPTATION
ACCLIMATIZATION
ALTITUDE ACCLIMATIZATION
COLD ACCLIMATIZATION
HEAT ACCLIMATIZATION
RT HOMEOSTASIS
LIQUID BREATHING
STRESS (PHYSIOLOGY)
TOLERANCES (PHYSIOLOGY)

ACCOMMODATION

RT ADAPTATION
CORRECTION
EYE (ANATOMY)
FOCUSING
VISUAL ACCOMMODATION

ACCOMMODATION COEFFICIENT

UF THERMAL ACCOMMODATION
COEFFICIENTS
GS COEFFICIENTS
ACCOMMODATION COEFFICIENT
RT HEAT TRANSFER COEFFICIENTS

ACCOUNTING

RT BUDGETING
COSTS
FINANCE

ACCRETION

USE DEPOSITION

ACCRETION DISKS

RT ASTROPHYSICS
BINARY STARS
BLACK HOLES (ASTRONOMY)
DISKS (SHAPES)
ECLIPSING BINARY STARS
GALACTIC NUCLEI
ROTATING DISKS
STELLAR MASS ACCRETION
X RAY BINARIES

ACCUMULATIONS

RT ACQUISITION
AGGLOMERATION
ASSEMBLIES
COAGULATION
COLLECTION
CONCENTRATING
DEPOSITION
FILLING
GROWTH
INCREASING
INPUT
NUCLEATION
SETTLING
STOCKPILING

ACCUMULATORS

UF COLLECTORS
GS ACCUMULATORS
ACCUMULATORS (COMPUTERS)
DUST COLLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
RT ANODES
CONCENTRATORS
ENTRAPMENT
FUEL SYSTEMS
PRESSURE VESSELS
PRESSURIZING

ACCUMULATORS (COMPUTERS)

GS ACCUMULATORS
ACCUMULATORS (COMPUTERS)
PERIPHERAL EQUIPMENT (COMPUTERS)
ACCUMULATORS (COMPUTERS)
RT ADDING CIRCUITS
COUNTERS
∞ EQUIPMENT

ACCURACY

UF ERROR BAND
FIDELITY
GS ACCURACY
GEODETIC ACCURACY
GEOMETRIC ACCURACY
RT ANGULAR RESOLUTION
CALIBRATING
CONSISTENCY
CORRECTION
∞ DEFINITION

ACCURACY-(CONT)

DRIFT (INSTRUMENTATION)
 DYNAMIC CHARACTERISTICS
 ERRORS
 HIGH RESOLUTION
 HYSTERESIS
 LINEARITY
 ∞ MEASUREMENT
 MISS DISTANCE
 PRECISION
 QUALITY
 RANGE ERRORS
 RELIABILITY
 RESOLUTION
 SEQUENTIAL CONTROL
 STANDARDS
 SURVEYS
 ∞ TESTS
 TOLERANCES (MECHANICS)
 VALIDITY
 VIRTUAL PROPERTIES

ACEE PROGRAM

UF AIRCRAFT ENERGY EFFICIENCY
 PROGRAM
 ENERGY EFFICIENCY TRANSPORT
 PROGRAM
 GS PROGRAMS
ACEE PROGRAM
 RT AIRCRAFT ENGINES
 COMBUSTION EFFICIENCY

ACETALDEHYDE

GS ALDEHYDES
ACETALDEHYDE
 ALIPHATIC COMPOUNDS
ACETALDEHYDE

ACETALS

GS ALIPHATIC COMPOUNDS
ACETALS
 ETHERS
ACETALS

ACETANILIDE

UF PHENACETIN
 GS NITROGEN COMPOUNDS
ACETANILIDE

ACETATES

GS **ACETATES**
 COBALT ACETATES
 LEAD ACETATES
 SODIUM CHLORODIFLUOROACETATES
 TRIACETIN
 RT ACETIC ACID
 ACETYSALICYLIC ACID
 ALIPHATIC COMPOUNDS
 ESTERS
 ETHYLENEDIAMINETETRAACETIC ACIDS

ACETATION

USE ACETYLATION

ACETAZOLAMIDE

GS HETEROCYCLIC COMPOUNDS
 AZOLES
ACETAZOLAMIDE
 RT CARBONIC ANHYDRASE
 DIURETICS

ACETIC ACID

GS ACIDS
 FATTY ACIDS
 CARBOXYLIC ACIDS
ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 ALIPHATIC COMPOUNDS
 FATTY ACIDS
ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 ORGANIC COMPOUNDS
 FATTY ACIDS
ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 RT ACETATES
 ACETYL COMPOUNDS
 TRIACETIN

ACETONE

GS ALIPHATIC COMPOUNDS
 KETONES
ACETONE
 RT ACETYLACETONE
 PENTANONE

ACETYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ACETYL COMPOUNDS
 RT ACETIC ACID
 ACETYLATION
 ALDEHYDES
 ∞ CHEMICAL COMPOUNDS
 ESTERS
 ORGANIC COMPOUNDS

ACETYLACETONE

GS ALIPHATIC COMPOUNDS
 KETONES
ACETYLACETONE
 RT ACETONE
 PENTANONE

ACETYLATION

UF ACETATION
 GS CHEMICAL REACTIONS
 ACYLATION
ACETYLATION
 RT ACETYL COMPOUNDS

ACETYLENE

GS ALIPHATIC COMPOUNDS
 ALKYNES
ACETYLENE
 HYDROCARBONS
ACETYLENE
 RT HYDROCARBON FUELS
 OXYACETYLENE

ACETYSALICYLIC ACID

UF ASA
 GS ACIDS
 FATTY ACIDS
 CARBOXYLIC ACIDS
ACETYSALICYLIC ACID
 RT ACETATES
 SALICYLATES

ACHIEVEMENT

RT COMPLETENESS
 GOALS
 LEARNING

ACHONDrites

GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
ACHONDrites
 BONDOC METEORITE
 KAPOETA ACHONDRITE
 NORTON COUNTY ACHONDRITE
 RT CHONDrites
 IRON METEORITES

ACID BASE EQUILIBRIUM

GS CHEMICAL EQUILIBRIUM
ACID BASE EQUILIBRIUM
 RT ∞ EQUILIBRIUM
 HOMEOSTASIS
 PH
 PH FACTOR
 STABILIZATION
 THERMODYNAMIC EQUILIBRIUM

ACID RAIN

GS PRECIPITATION (METEOROLOGY)
 RAIN
ACID RAIN
 RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC MOISTURE
 CLOUDS (METEOROLOGY)
 DEW
 METEOROLOGY
 PH
 RAINSTORMS
 SNOW
 SULFUR OXIDES

ACIDITY

GS CHEMICAL PROPERTIES
ACIDITY
 RT HYDROGEN IONS

ACIDITY-(CONT)

ION CONCENTRATION
 PH
 TITRATION

ACIDOSIS

RT ALKALOSIS
 HYPERVENTILATION
 PH
 PH FACTOR
 TOXICITY

ACIDS

GS **ACIDS**
 AMINO ACIDS
 ALANINE
 PHENYLALANINE
 ASPARTIC ACID
 CYSTEINE
 FOLIC ACID
 GLUTAMIC ACID
 GLUTAMINE
 GLUTATHIONE
 GLYCINE
 HIPPURIC ACID
 HISTIDINE
 LEUCINE
 NORLEUCINE
 LYSINE
 MELANOIDIN
 METHIONINE
 PAPAIN
 PEPTIDES
 HYPERTENSIN
 PROTOPROTEINS
 PYRIDINE NUCLEOTIDES
 PYRUVATES
 THYROXINE
 TRYPTOPHAN
 TYROSINE
 URIDYLIC ACID
 AMOBARBITAL
 ASCORBIC ACID
 BORIC ACIDS
 BUTYRIC ACID
 CARBONIC ACID
 CHROMIC ACID
 CYANURIC ACID
 CYTIDYLIC ACID
 FATTY ACIDS
 CARBOXYLIC ACIDS
 ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 ACETYSALICYLIC ACID
 BENZILIC ACID
 BENZOIC ACID
 DICARBOXYLIC ACIDS
 TEREPHTHALATE
 OLEIC ACID
 PROPIONIC ACID
 SEBACIC ACID
 VALERIC ACID
 LIPOIC ACID
 PALMITIC ACID
 HYDRAZOIC ACID
 HYDROBROMIC ACID
 HYDROCHLORIC ACID
 HYDROCYANIC ACID
 HYDROFLUORIC ACID
 NITRIC ACID
 NUCLEIC ACIDS
 DEOXYRIBONUCLEIC ACID
 GUANOSINES
 RIBONUCLEIC ACIDS
 URIDYLIC ACID
 OXIDASE
 PERCHLORIC ACID
 PHOSPHORIC ACID
 SULFONIC ACID
 SULFURIC ACID
 THYMIDINE
 THYMINE
 URIC ACID
 XANTHIC ACIDS
 RT ADRENOCORTICOTROPIN (ACTH)
 ANHYDRIDES
 HYDROGEN COMPOUNDS
 INORGANIC COMPOUNDS
 ORGANIC COMPOUNDS
 ∞ OXYGEN COMPOUNDS

ACOUSTIC ATTENUATION

GS ATTENUATION

ACOUSTIC COMBUSTION**ACOUSTIC ATTENUATION-(CONT)**

ACOUSTIC ATTENUATION
SHOCK WAVE ATTENUATION
RT ACOUSTICS
ANECHOIC CHAMBERS
ATMOSPHERIC ATTENUATION
BIOACOUSTICS
GRAZING FLOW
NOISE REDUCTION
SOUND AMPLIFICATION
WAVE PROPAGATION
ZERO SOUND

ACOUSTIC COMBUSTION
USE COMBUSTION STABILITY

ACOUSTIC DELAY LINES
UF SONIC WAVEGUIDES
GS DELAY LINES
ACOUSTIC DELAY LINES
RT COMPUTER STORAGE DEVICES
DELAY CIRCUITS
SURFACE ACOUSTIC WAVE DEVICES
TRANSMISSION LINES

ACOUSTIC DUCTS
GS DUCTS
ACOUSTIC DUCTS
RT GRAZING FLOW
NOISE REDUCTION
SPATIAL MARCHING

ACOUSTIC EMISSION
GS DECAY
ACOUSTIC EMISSION
RT ACOUSTIC MEASUREMENT
CRACK PROPAGATION
FAILURE ANALYSIS
FATIGUE TESTING MACHINES
STRESS WAVES

ACOUSTIC EXCITATION
GS EXCITATION
WAVE EXCITATION
ACOUSTIC EXCITATION
RT ACOUSTICS
SOUND AMPLIFICATION
SURFACE NOISE INTERACTIONS

ACOUSTIC FATIGUE
UF SONIC FATIGUE
GS FATIGUE (MATERIALS)
ACOUSTIC FATIGUE
RT ACOUSTICS

ACOUSTIC GENERATORS
USE SOUND GENERATORS

ACOUSTIC IMPEDANCE
GS ACOUSTIC PROPERTIES
ACOUSTIC IMPEDANCE
IMPEDANCE
ACOUSTIC IMPEDANCE
RT ACOUSTICS
GRAZING FLOW

ACOUSTIC INSTABILITY
GS ACOUSTIC PROPERTIES
ACOUSTIC INSTABILITY
STABILITY
ACOUSTIC INSTABILITY
RT SIGNAL FADING

ACOUSTIC LEVITATION
GS LEVITATION
ACOUSTIC LEVITATION
RT BUOYANCY
SPACE PROCESSING

ACOUSTIC MEASUREMENT
SN (MEASUREMENT OF PROPERTIES,
QUANTITIES OR CONDITIONS
ASSOCIATED WITH ELASTIC WAVES)
UF SOUND MEASUREMENT
GS **ACOUSTIC MEASUREMENT**
NOISE MEASUREMENT
RT ACOUSTIC EMISSION
ANECHOIC CHAMBERS
AUDIO FREQUENCIES
AUDIOMETRY
CEPSTRAL ANALYSIS
EFFECTIVE PERCEIVED NOISE LEVELS
FREQUENCY MEASUREMENT
GRAZING FLOW

ACOUSTIC MEASUREMENT-(CONT)

∞ MEASUREMENT
MECHANICAL MEASUREMENT
NOISE METERS
SEISMOGRAPHS
SOUND PRESSURE
SOUND WAVES
ULTRASONIC TESTS

ACOUSTIC MICROSCOPES
UF SCANNING LASER ACOUSTIC
MICROSCOPE (SLAM)
GS MICROSCOPES
ACOUSTIC MICROSCOPES
RT ACOUSTIC PROPAGATION
IMAGING TECHNIQUES
MICROWAVE FREQUENCIES
OPTICAL EQUIPMENT
WAVE PROPAGATION

ACOUSTIC NOZZLES
RT ∞ NOZZLES
SONIC NOZZLES
SOUND GENERATORS

ACOUSTIC PROPAGATION
GS TRANSMISSION
ACOUSTIC PROPAGATION
RT ACOUSTIC MICROSCOPES
ACOUSTICAL HOLOGRAPHY
ACOUSTICS
ELASTIC WAVES
 ∞ PROPAGATION
SOUND PROPAGATION

ACOUSTIC PROPERTIES
GS **ACOUSTIC PROPERTIES**
ACOUSTIC IMPEDANCE
ACOUSTIC INSTABILITY
ACOUSTIC SCATTERING
REVERBERATION
ACOUSTIC VELOCITY
SOUND INTENSITY
ZERO SOUND
RT FIELD STRENGTH
GRAZING FLOW
LAMB WAVES
MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ PROPERTIES
 ∞ RESISTANCE
SOUND WAVES
WAVE DISPERSION

ACOUSTIC RADIATION
USE SOUND WAVES

ACOUSTIC RETROFITTING
GS RETROFITTING
ACOUSTIC RETROFITTING
RT ABSORBERS (MATERIALS)
AERODYNAMIC NOISE
AIRCRAFT DESIGN
AIRCRAFT NOISE
JET AIRCRAFT NOISE
MUFFLERS
NOISE REDUCTION
VIBRATION ISOLATORS

ACOUSTIC SCATTERING
GS ACOUSTIC PROPERTIES
ACOUSTIC SCATTERING
REVERBERATION
SCATTERING
WAVE SCATTERING
ACOUSTIC SCATTERING
REVERBERATION
RT ACOUSTIC SOUNDING
ACOUSTICS
DEEP SCATTERING LAYERS
RECIPROCITY THEOREM
SODAR
SOUND DETECTING AND RANGING
SURFACE NOISE INTERACTIONS
UNDERWATER ACOUSTICS

ACOUSTIC SIMULATION
GS SIMULATION
ENVIRONMENT SIMULATION
ACOUSTIC SIMULATION
RT ELASTIC WAVES
FLIGHT SIMULATION

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ACOUSTIC SOUNDING
GS SOUNDING
ACOUSTIC SOUNDING
RT ACOUSTIC SCATTERING
ACOUSTICS
EARTH ATMOSPHERE
METEOROLOGY
ROCKET SOUNDING
ROCKET VEHICLES
SOUNDING ROCKETS
ULTRASONIC TESTS
UNDERGROUND ACOUSTICS
UPPER ATMOSPHERE

ACOUSTIC STABILITY
USE FREQUENCY STABILITY

ACOUSTIC STREAMING
RT FLUID FLOW
FLUID SWITCHING ELEMENTS
FRAGMENTATION
SOUND WAVES
STREAMLINING

ACOUSTIC VELOCITY
UF SONIC SPEED
SOUND BARRIER
SOUND VELOCITY
GS ACOUSTIC PROPERTIES
ACOUSTIC VELOCITY
RATES (PER TIME)
ACOUSTIC VELOCITY
VELOCITY
RT ∞ BARRIERS
EXHAUST VELOCITY
GUTENBERG ZONE
MACH CONES
MACH NUMBER
SONIC BOOMS
SOUND PRESSURE
SUBSONIC SPEED
SUPERSONIC SPEEDS
TRANSONIC SPEED

ACOUSTIC VIBRATIONS
USE SOUND WAVES

ACOUSTICAL HOLOGRAPHY
UF SONOHOLOGRAPHY
SOUND HOLOGRAPHY
GS IMAGERY
ACOUSTICAL HOLOGRAPHY
PHOTOGRAPHY
HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
RT ACOUSTIC PROPAGATION
IMAGING TECHNIQUES
SOUND WAVES
WAVE FRONT RECONSTRUCTION

ACOUSTICS
UF SOUND
GS **ACOUSTICS**
AEROACOUSTICS
BIOACOUSTICS
GEOMETRICAL ACOUSTICS
MAGNETOACOUSTICS
MICROSONICS
PSYCHOACOUSTICS
UNDERWATER ACOUSTICS
RT ACOUSTIC ATTENUATION
ACOUSTIC EXCITATION
ACOUSTIC FATIGUE
ACOUSTIC IMPEDANCE
ACOUSTIC PROPAGATION
ACOUSTIC SCATTERING
ACOUSTIC SOUNDING
ANECHOIC CHAMBERS
ARCHITECTURE
AUDITORY PERCEPTION
AUDITORY STIMULI
AUDITORY TASKS
COMFORT
EARPHONES
ECHOES
EFFECTIVE PERCEIVED NOISE LEVELS
ELASTIC WAVES
HARMONIC EXCITATION
HARMONIC GENERATIONS
HARMONIC OSCILLATION
HARMONICS
HUM
INFRASONIC FREQUENCIES
LAMB WAVES

ACOUSTICS-(CONT)

LAME WAVE EQUATIONS
 LOUDNESS
 NOISE (SOUND)
 NOISE POLLUTION
 NOISE PROPAGATION
 NOISE REDUCTION
 OCTAVES
 OPACITY
 PHONETICS
 POWER SPECTRA
 ∞ SCIENCE
 SIMPLE HARMONIC MOTION
 SONIC ANEMOMETERS
 SOUND AMPLIFICATION
 SOUND FIELDS
 SOUND PROPAGATION
 SOUND TRANSMISSION
 SOUND WAVES
 SPEECH
 STEREOPHONICS
 ULTRASONIC CLEANING
 ULTRASONIC SCANNERS
 ULTRASONICS
 VERBAL COMMUNICATION
 VIBRATION
 VIBRATION DAMPING
 VOICE COMMUNICATION
 ZERO SOUND

ACOUSTO-OPTICS

RT CRYSTAL OPTICS
 ELECTRO-OPTICS
 GEOMETRICAL OPTICS
 IMAGERY
 MAGNETO-OPTICS
 OPTICAL PROPERTIES
 ∞ OPTICS

ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)

ACQUISITION

GS **ACQUISITION**
 DATA ACQUISITION
 TARGET ACQUISITION
 RT ACCUMULATIONS
 COLLECTION
 DETECTION
 DOCUMENTATION
 ∞ RECEIVING
 RECOGNITION

ACRIFLAVINE

GS HETEROCYCLIC COMPOUNDS
ACRIFLAVINE
 RT ANTISEPTICS
 DYES

ACROBATICS

RT FLIGHT CONTROL
 MANEUVERS

ACROLEINS

GS ALDEHYDES
ACROLEINS
 ALIPHATIC COMPOUNDS
ACROLEINS
 RT TOXICITY AND SAFETY HAZARD

ACRYLATES

GS ALIPHATIC COMPOUNDS
ACRYLATES
 ESTERS
ACRYLATES
 RT RESINS

ACRYLIC ACID

GS ALIPHATIC COMPOUNDS
ACRYLIC ACID

ACRYLIC RESINS

UF METHACRYLATE RESINS
 POLYACRYLATES
 GS PLASTICS
 SYNTHETIC RESINS
 ADDITION RESINS
ACRYLIC RESINS
 RESINS
ACRYLIC RESINS
 RT LATEX
 THERMOPLASTIC RESINS

ACRYLONITRILES

UF VINYL CYANIDE
 GS ALIPHATIC COMPOUNDS
ACRYLONITRILES
 NITRILES
ACRYLONITRILES
 RT PLASTICS

ACTH

USE ADRENOCORTICOTROPIN (ACTH)

ACTINIDE SERIES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
 ACTINIUM
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 THORIUM
 THORIUM ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 URANIUM PLASMAS
 METALS
ACTINIDE SERIES
 ACTINIUM
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 THORIUM
 THORIUM ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238

ACTINIDE SERIES-(CONT)

URANIUM PLASMAS
 RT RADIOACTIVE ISOTOPES
 RADIOACTIVE MATERIALS
 TRANSITION METALS

ACTINIDE SERIES COMPOUNDS

GS **ACTINIDE SERIES COMPOUNDS**
 CURIUM COMPOUNDS
 NEPTUNIUM COMPOUNDS
 PLUTONIUM COMPOUNDS
 PLUTONIUM FLUORIDES
 PLUTONIUM OXIDES
 THORIUM COMPOUNDS
 THORIUM FLUORIDES
 THORIUM OXIDES
 URANIUM COMPOUNDS
 URANIUM CARBIDES
 URANIUM FLUORIDES
 URANIUM OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS

ACTINIUM

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
ACTINIUM
 METALS
 ACTINIDE SERIES
ACTINIUM

ACTINOGRAPHS

USE ACTINOMETERS

ACTINOMETERS

UF ACTINOGRAPHS
 EMISSOGRAPHS
 GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
 INFRARED SPECTROMETERS
 PYRANOMETERS
 RADIOMETERS
 DICKE RADIOMETERS
 INFRARED DETECTORS
 INFRARED SCANNERS
 MICROWAVE RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 PRESSURE MODULATOR
 RADIOMETERS
 SPECTRORADIOMETERS
 SOLAR SPECTROMETERS
 SPECTROHELIOGRAPHS
 SPECTROPHOTOMETERS
 INFRARED
 SPECTROPHOTOMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 ULTRAVIOLET SPECTROMETERS
 RT DOSIMETERS
 FABRY-PEROT SPECTROMETERS
 FIELD INTENSITY METERS
 SPECTROMETERS

ACTINOMYCETES

GS FUNGI
ACTINOMYCETES
 MICROORGANISMS
 BACTERIA
ACTINOMYCETES

ACTINOMYCIN

GS DRUGS
ACTINOMYCIN
 STEROIDS
ACTINOMYCIN

ACTIVATED CARBON

GS CHEMICAL ELEMENTS
 CARBON
 CHARCOAL
ACTIVATED CARBON
 FUELS
ACTIVATED CARBON
 RT ∞ ABSORPTION
 FILTRATION
 HEMOPERFUSION
 WATER TREATMENT

ACTIVATED SLUDGE

GS SLUDGE
ACTIVATED SLUDGE
 RT BIODEGRADATION
 HUMAN WASTES
 METABOLIC WASTES

ACTIVATION

ACTIVATED SLUDGE-(CONT)

SEWAGE
WASTES

ACTIVATION

RT ACTUATION
CATALYSIS
DEACTIVATION
ELECTROMAGNETIC ABSORPTION
EXCITATION
FLOTATION
INITIATION
IONIZATION POTENTIALS
IRRADIATION
SENSITIZING
STARTING
STIMULATION

ACTIVATION (BIOLOGY)

RT ACTIVATION ENERGY
∞ BIOLOGY
∞ CELLS
ENZYMES
STIMULATION

ACTIVATION ANALYSIS

GS ACTIVATION ANALYSIS
NEUTRON ACTIVATION ANALYSIS
RT ∞ ANALYZING

ACTIVATION ENERGY

RT ACTIVATION (BIOLOGY)
DAMKOLHER NUMBER
ELECTRON ENERGY
∞ ENERGY
HEAT
NUCLEAR BINDING ENERGY
NUCLEAR CAPTURE
PROTON ENERGY
ROTONS
SURFACE ENERGY

ACTIVE CONTROL

GS AUTOMATIC CONTROL
ADAPTIVE CONTROL
ACTIVE CONTROL
RT AIRCRAFT CONTROL
∞ CONTROL
INTERACTIVE CONTROL
SELF ADAPTIVE CONTROL SYSTEMS
SELF ALIGNMENT
SERVOMECHANISMS

ACTIVE GLACIERS

USE GLACIERS

ACTIVE MAGNETO PARTICLE TRACER EXPLORERS

USE AMPTE (SATELLITES)

ACTIVE SATELLITES

GS SATELLITES
ACTIVE SATELLITES
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
RT ADVENT PROJECT
EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEODETIC SATELLITES
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE
NAVIGATION SATELLITES
NAVSTAR SATELLITES
PASSIVE SATELLITES
SYNCHRONOUS SATELLITES

ACTIVE VOLCANOES

USE VOLCANOES

∞ ACTIVITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACTIVITY (BIOLOGY)
EXTRAVEHICULAR ACTIVITY
FACULAE
INTRAHEHICULAR ACTIVITY
RADIOACTIVITY
SOLAR ACTIVITY

ACTIVITY (BIOLOGY)

UF BIOLOGICAL ACTIVITY
RT ∞ ACTIVITY
BIOLOGICAL EFFECTS
∞ BIOLOGY
CATALYTIC ACTIVITY

ACTIVITY CYCLES (BIOLOGY)

GS CYCLES
RT ∞ ACTIVITY CYCLES (BIOLOGY)
CIRCADIAN RHYTHMS
PHENOLOGY
RHYTHM (BIOLOGY)

ACTUATION

RT ACTIVATION
ACTUATORS
EXCITATION
INITIATION
MUTATION
SENSITIZING
STARTING
STIMULATION

ACTUATOR DISKS

GS DISKS (SHAPES)
ACTUATOR DISKS
RT ∞ DISKS
FANS
PROPELLERS

ACTUATORS

UF CARTRIDGE ACTUATED DEVICES
HYDRAULIC ACTUATORS
TRIGGERS
RT ACTUATION
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL VALVES
CAMS
CONTROL VALVES
CONTROLLERS
EXPLOSIVE DEVICES
∞ INSTRUMENTS
MISSILE CONTROL
PROPELLANT ACTUATED INSTRUMENTS
REGULATORS
SERVOMECHANISMS
SERVOMOTORS
SHAPE CONTROL
SOLENOIDS
STARTERS
STEPPING MOTORS
TORQUE MOTORS

ACUITY

GS ACUITY
VISUAL ACUITY
HYPEROPIA
RT ADAPTATION
DISCRIMINATION
∞ FREQUENCY RESPONSE
PERCEPTION
SENSITIVITY
THRESHOLDS (PERCEPTION)

ACYLATION

GS CHEMICAL REACTIONS
ACYLATION
ACETYLTATION
RT FRIEDEL-CRAFT REACTION

AD-A SATELLITE

USE EXPLORER 19 SATELLITE

AD/I B

USE EXPLORER 25 SATELLITE

AD/I SATELLITE

USE EXPLORER 24 SATELLITE

ADA (PROGRAMMING LANGUAGE)

GS LANGUAGES
ADA (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING
EMBEDDED COMPUTER SYSTEMS

ADAPTATION

GS ADAPTATION
ACCLIMATIZATION
ALTITUDE ACCLIMATIZATION
COLD ACCLIMATIZATION
HEAT ACCLIMATIZATION
DESERT ADAPTATION

NASA THESAURUS (VOLUME 1)

ADAPTATION-(CONT)

RETINAL ADAPTATION
DARK ADAPTATION
LIGHT ADAPTATION
RT ACCOMMODATION
ACUITY
CORRECTION
FITTING
HIBERNATION
HOMEOSTASIS
PERCEPTION
REACTION TIME
RETRAINING
SENSITIVITY
THRESHOLDS (PERCEPTION)
VISION

ADAPTERS

GS ADAPTERS
MULTIPLE DOCKING ADAPTERS
RT CONNECTORS
EXTENSIONS
FITTINGS
JOINTS (JUNCTIONS)

ADAPTIVE CONTROL

UF ADAPTIVE CONTROL SYSTEMS
GS AUTOMATIC CONTROL
ADAPTIVE CONTROL
ACTIVE CONTROL
LEARNING MACHINES
SELF ADAPTIVE CONTROL SYSTEMS
RT AUTOMATA THEORY
AUTONOMY
∞ CONTROL
CONTROL THEORY
CYBERNETICS
DYNAMIC CONTROL
FEEDBACK CONTROL
FEEDFORWARD CONTROL
OPTIMAL CONTROL
SELF ALIGNMENT

ADAPTIVE CONTROL SYSTEMS

USE ADAPTIVE CONTROL

ADAPTIVE FILTERS

RT BANDPASS FILTERS
BANDSTOP FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
∞ FILTERS
LINEAR FILTERS
OPTICAL FILTERS
TRACKING FILTERS

ADAPTIVE OPTICS

RT ATMOSPHERIC OPTICS
COMPUTER TECHNIQUES
FEEDBACK CONTROL
IMAGING TECHNIQUES
INSTRUMENT COMPENSATION
OPTICAL CORRECTION PROCEDURE
OPTICAL TRANSFER FUNCTION
∞ OPTICS
SELF ADAPTIVE CONTROL SYSTEMS

ADDERS (CIRCUITS)

USE ADDING CIRCUITS

ADDING CIRCUITS

UF ADDERS (CIRCUITS)
BINARY SUMMATORS
GS CIRCUITS
ADDING CIRCUITS
RT ACCUMULATORS (COMPUTERS)
BINARY INTEGRATION
COMPUTER COMPONENTS
LOGIC CIRCUITS

ADDITION

RT ADDITION THEOREM
AMOUNT
ARITHMETIC
COMPUTATION
NUMBER THEORY
RESTORATION

ADDITION RESINS

SN (CARBON CHAIN POLYMERS--FOR
HETEROATOM CHAIN POLYMERS, USE
POLYETHER RESINS)
GS PLASTICS
SYNTHETIC RESINS

ADDITION RESINS-(CONT)

ADDITION RESINS
ACRYLIC RESINS
VINYL COPOLYMERS
RESINS
SYNTHETIC RESINS
ADDITION RESINS
VINYL COPOLYMERS
RT CROSSLINKING
POLYBUTADIENE
POLYETHYLENE TEREPHTHALATE
POLYETHYLENES
POLYISOBUTYLENE
POLYPROPYLENE
POLYSTYRENE
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE
SYNTHESIS (CHEMISTRY)
SYNTHETIC FIBERS
VULCANIZED ELASTOMERS

ADDITION THEOREM

GS NUMBER THEORY
ADDITION THEOREM
THEOREMS
ADDITION THEOREM
RT ADDITION

ADDITIVES

UF DOPING (ADDITIVES)
GS ADDITIVES
ADMIXTURES
ANTIFREEZES
ANTIAGING ADDITIVES
ANTIKNOCK ADDITIVES
ANTIOXIDANTS
OIL ADDITIVES
OPACIFIERS
PLASTICIZERS
PROPELLANT ADDITIVES
PROPELLANT BINDERS
SOLID ROCKET BINDERS
RT ∞AGENTS
ANTIMISTING FUELS
ANTIOXIDANTS
BINDERS (MATERIALS)
CARRIER INJECTION
CATALYSTS
COATINGS
DILUENTS
DOPE
FILLERS
HIGH ENERGY FUELS
INHIBITORS
INTERSTITIALS
LUBRICANTS
MAJORITY CARRIERS
MINORITY CARRIERS
NEUTRALIZERS
PIGMENTS
PRESERVATIVES
RETARDANTS
SOLVENTS
STABILIZERS (AGENTS)
SUPPRESSORS
TETRAHYDROFURAN
THICKENERS (MATERIALS)
TRAVELING SOLVENT METHOD
VINYL COPOLYMERS

ADDRESSING

RT CODING
COMPUTER PROGRAMMING

ADDUCTS

RT ∞CHEMICAL COMPOUNDS

ADEN

USE SOUTHERN YEMEN

ADENINES

GS ALIPHATIC COMPOUNDS
NUCLEOSIDES
ADENINES
CARBOHYDRATES
ADENINES
HETEROCYCLIC COMPOUNDS
ADENINES
ORGANIC COMPOUNDS
NUCLEOTIDES
ADENINES
PHOSPHORUS COMPOUNDS
ADENINES
PROTEINS
NUCLEOTIDES

ADENINES-(CONT)

ADENINES
PURINES
ADENINES
ADENOSINE DIPHOSPHATE
UF ADP
GS ALIPHATIC COMPOUNDS
NUCLEOSIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
CARBOHYDRATES
NUCLEOSIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
HETEROCYCLIC COMPOUNDS
ADENOSINES
ADENOSINE DIPHOSPHATE
ORGANIC COMPOUNDS
NUCLEOTIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
PHOSPHORUS COMPOUNDS
PHOSPHATES
DIPHOSPHATES
ADENOSINE DIPHOSPHATE
PROTEINS
NUCLEOTIDES
ADENOSINES
ADENOSINE DIPHOSPHATE

ADENOSINE TRIPHOSPHATE

UF ATP
GS ALIPHATIC COMPOUNDS
NUCLEOSIDES
ADENOSINES
ADENOSINE TRIPHOSPHATE
CARBOHYDRATES
NUCLEOSIDES
ADENOSINES
ADENOSINE TRIPHOSPHATE
HETEROCYCLIC COMPOUNDS
ADENOSINES
ADENOSINE TRIPHOSPHATE
ORGANIC COMPOUNDS
NUCLEOTIDES
ADENOSINES
ADENOSINE TRIPHOSPHATE
PHOSPHORUS COMPOUNDS
PHOSPHATES
ADENOSINE TRIPHOSPHATE
PROTEINS
NUCLEOTIDES
ADENOSINES
ADENOSINE TRIPHOSPHATE
RT AMINO ACIDS

ADENOSINES

GS ALIPHATIC COMPOUNDS
NUCLEOSIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
ORGANIC COMPOUNDS
NUCLEOTIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
PROTEINS
NUCLEOTIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP

ADENOVIRUSES

GS MICROORGANISMS
VIRUSES
ADENOVIRUSES

ADEQUACY

RT QUALITY
VALIDITY

ADHEROMETERS

USE ADHESION TESTS

ADHESION

GS SURFACE PROPERTIES
ADHESION
RT ADHESION TESTS
ADHESIVE BONDING
AGGLUTINATION
BONDING
COLD WELDING
FUSION (MELTING)
INTERFACIAL ENERGY
INTERNAL PRESSURE
∞JOINING
METAL BONDING
PEELING
SEALING
SPREADING
TACKINESS
TRACTION
WETTABILITY

ADHESION TESTS

UF ADHEROMETERS
FOKKER BOND TESTERS
RT ADHESION
BONDING
NONDESTRUCTIVE TESTS
∞TESTS
WETTABILITY

ADHESIVE BONDING

GS BONDING
ADHESIVE BONDING
RT ADHESION
AGGLUTINATION
CEMENTATION
∞JOINING
METAL BONDING
METAL-METAL BONDING
RESIN BONDING
SEALING

ADHESIVES

UF BINDERS (ADHESIVES)
GS ADHESIVES
GLUES
PASTES
TETRAETHYL ORTHOSILICATE
RT AGGLUTINATION
ALKYD RESINS
BINDERS (MATERIALS)
CEMENTS
EPOXY RESINS
FASTENERS
FURAN RESINS
JOINTS (JUNCTIONS)
METAL-METAL BONDING
PHENOLIC EPOXY RESINS
PLASTIC TAPES
SEALERS
SEAMS (JOINTS)
∞TAPES

ADIABATIC CONDITIONS

GS CONDITIONS
ADIABATIC CONDITIONS
RT CARNOT CYCLE
COMPRESSING
ENTHALPY
ENVIRONMENTS
EXPANSION
ISENTROPE
ISOENERGETIC PROCESSES
ISOTHERMAL PROCESSES
POLYTROPIC PROCESSES
TEMPERATURE
THERMAL ENVIRONMENTS
THERMODYNAMIC CYCLES
THERMODYNAMIC EQUILIBRIUM

ADIABATIC DEMAGNETIZATION COOLING

RT MAGNETIC COOLING

ADIABATIC EQUATIONS

RT ∞EQUATIONS
EQUATIONS OF STATE
HEAT TRANSMISSION
NONADIABATIC THEORY
SHOCK WAVES

ADIABATIC FLOW

GS FLUID FLOW
ADIABATIC FLOW

ADIPOSE TISSUES

ADIABATIC FLOW-(CONT)
RT STAGNATION TEMPERATURE

ADIPOSE TISSUES
GS TISSUES (BIOLOGY)
ADIPOSE TISSUES
RT CONNECTIVE TISSUE
FATS

ADIPRENE (TRADEMARK)
GS RUBBER
ADIPRENE (TRADEMARK)

ADIRONDACK MOUNTAINS (NY)
GS LANDFORMS
MOUNTAINS
ADIRONDACK MOUNTAINS (NY)
RT NEW YORK

ADJOINTS
GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
ADJOINTS
RT DATA PROCESSING
NUMERICAL ANALYSIS

ADJUSTING
UF ADJUSTMENT
READJUSTMENT
RT ALIGNMENT
CLEARANCES
COLLIMATION
CORRECTION
FITTING
FOCUSING
LEVELING
MATCHING
OPTICAL CORRECTION PROCEDURE
POSITIONING
REVISIONS
∞ SETTING
SMOOTHING

ADJUSTMENT
USE ADJUSTING

ADMINISTRATION
USE MANAGEMENT

ADMITTANCE
USE ELECTRICAL IMPEDANCE

ADMIXTURES
GS ADDITIVES
ADMIXTURES
MIXTURES
ADMIXTURES
RT ACCELERATING AGENTS
CATALYSTS
∞ COMBINATION
CONCRETES
FORMULATIONS
INGREDIENTS
MIXERS
MORTARS (MATERIAL)
SURFACTANTS

ADOBE FLATS
USE FLATS (LANDFORMS)

ADP
USE ADENOSINE DIPHOSPHATE

ADRENAL GLAND
GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
ADRENAL GLAND
VISCERA
ENDOCRINE GLANDS
ADRENAL GLAND
RT ADRENOCORTICOTROPIN (ACTH)
EPINEPHRINE

ADRENAL METABOLISM
GS METABOLISM
ADRENAL METABOLISM
RT ALDOSTERONE
CORTICOSTEROIDS
CORTISONE
HYDROXYCORTICOSTEROID

ADRENALINE
USE EPINEPHRINE

ADRENERGICS
UF SYMPATHOMIMETICS
GS DRUGS
ADRENERGICS
RT ANTIADRENERGICS
ANTICOAGULANTS
CYCLIC AMP

ADRENOCORTICOTROPIN (ACTH)
UF ACTH
GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)
RT ACIDS
ADRENAL GLAND
AMINO ACIDS
PROTEINS

ADRIATIC SEA
GS SEAS
MEDITERRANEAN SEA
ADRIATIC SEA
RT ITALY
SEAS
YUGOSLAVIA

ADSORBENTS
GS SORBENTS
ADSORBENTS
RT ABSORBENTS
ADSORPTION
AIR CONDITIONING EQUIPMENT
CHARCOAL
DESICCANTS
HEMOPERFUSION

ADSORPTION
GS SORPTION
ADSORPTION
CHEMISORPTION
RT ∞ ABSORPTION
ADSORBENTS
ADSORPTIVITY
BENEFICIATION
CHROMATOGRAPHY
CONCENTRATING
DESORPTION
DIFFUSION
ELECTROSTATIC PRECIPITATORS
ELUTION
GAS CHROMATOGRAPHY
GAS-METAL INTERACTIONS
GIBBS ADSORPTION EQUATION
∞ SEPARATION
WATER TREATMENT

ADSORPTIVITY
GS SURFACE PROPERTIES
ADSORPTIVITY
RT ADSORPTION
CHEMICAL PROPERTIES
CHEMISORPTION
∞ PHYSICAL PROPERTIES

ADVANCED AIRBORNE COMMAND POST
USE E-4A AIRCRAFT

ADVANCED EVA PROTECTION SYSTEMS
USE AEPS

ADVANCED ORBITING SOLAR OBSERVATORY
USE AOSO

ADVANCED RANGE INSTRUMENTATION AIRCRAFT
RT AIRBORNE EQUIPMENT
∞ AIRCRAFT
APOLLO PROJECT
C-135 AIRCRAFT
DATA ACQUISITION
TELEMETRY

ADVANCED RANGE INSTRUMENTATION SHIP
UF ARIS INSTRUMENTATION SHIP
GS WATER VEHICLES
SHIPS
ADVANCED RANGE INSTRUMENTATION SHIP
RT ∞ INSTRUMENTS

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ADVANCED RANGE INSTRUMENTATION-(CONT)
MANNED SPACE FLIGHT NETWORK
SPACECRAFT TRACKING
TRACKING NETWORKS

ADVANCED RECONN ELECTRIC SPACECRAFT
UF ARES (SPACECRAFT)
GS INTERPLANETARY SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
ADVANCED RECONN ELECTRIC SPACECRAFT
RT ∞ SPACECRAFT

ADVANCED SODIUM COOLED REACTOR
UF ASCR REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
ADVANCED SODIUM COOLED REACTOR

ADVANCED TECHNOLOGY LABORATORY
GS LABORATORIES
ADVANCED TECHNOLOGY LABORATORY
RT SPACE SHUTTLES
SPACELAB

ADVANCED TECHNOLOGY LIGHT TWIN AIRCRAFT
USE ATLIT PROJECT

ADVANCED TEST REACTORS
UF ATR REACTOR
GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
ADVANCED TEST REACTORS

ADVANCED VIDICON CAMERA SYSTEM (AVCS)
UF AVCS
GS COMMUNICATION EQUIPMENT
ADVANCED VIDICON CAMERA SYSTEM (AVCS)
TELEVISION SYSTEMS
ADVANCED VIDICON CAMERA SYSTEM (AVCS)
RT ∞ SYSTEMS
VIDEO EQUIPMENT
VIDICONS

ADVANCED X RAY ASTROPHYSICAL FACILITY
USE X RAY ASTROPHYSICS FACILITY

ADVANCED X RAY ASTROPHYSICS FACILITY
USE X RAY ASTROPHYSICS FACILITY

ADVANCING GLACIERS
USE GLACIERS

ADVANCING SHORELINES
USE BEACHES

ADVECTION
RT ATMOSPHERIC CIRCULATION
CONVECTION
HEAT TRANSFER
PECLET NUMBER

ADVENT PROJECT
GS PROGRAMS
PROJECTS
ADVENT PROJECT
RT ACTIVE SATELLITES
COMMUNICATION SATELLITES
COURIER SATELLITE
RELAY SATELLITES

AE-A SATELLITE
USE EXPLORER 17 SATELLITE

AE-B SATELLITE
USE EXPLORER 32 SATELLITE

AE-C SATELLITE
USE EXPLORER 51 SATELLITE

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AE-D SATELLITE

USE EXPLORER 54 SATELLITE

AE-E SATELLITE

USE EXPLORER 55 SATELLITE

AEOLIAN TONES

RT ELASTIC WAVES
FREQUENCIES
KARMAN VORTEX STREET
NOISE (SOUND)
SOUND WAVES
WIND (METEOROLOGY)

AEOLOTROPISM

GS TROPISM
AEOLOTROPISM
RT ANISOTROPY

AEPS

UF ADVANCED EVA PROTECTION SYSTEMS
GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
EMERGENCY LIFE SUSTAINING SYSTEMS
AEPS
PORTABLE LIFE SUPPORT SYSTEMS
AEPS
RT EXTRAVEHICULAR ACTIVITY
LUNAR BASES
MARS LANDING
OXYGEN SUPPLY EQUIPMENT
SPACE SHUTTLES
SPACE STATIONS
SURVIVAL EQUIPMENT

AERATION

RT AGITATION
BENEFICIATION
BLOWING
BUBBLES
CORROSION PREVENTION
DEGASSING
DISSOLVED GASES
DISSOLVING
ENTRAINMENT
MIXERS
MIXING
OXYGENATION
PURIFICATION
SEPARATION
SPRAYING
STIRRING
SUSPENDING (MIXING)
WATER TREATMENT

AERIAL EXPLOSIONS

SN (EXPLOSIONS OCCURRING AT HEIGHTS
LESS THAN 50 KM)
UF AIR BLASTS
GS EXPLOSIONS
AERIAL EXPLOSIONS
RT BLAST LOADS
CHEMICAL EXPLOSIONS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS

AERIAL IMAGERY

USE AERIAL PHOTOGRAPHY

AERIAL PHOTOGRAPHY

UF AERIAL IMAGERY
GS IMAGERY
AERIAL PHOTOGRAPHY
PHOTOGRAPHY
AERIAL PHOTOGRAPHY
RT ASTRONOMICAL PHOTOGRAPHY
CHANGE DETECTION
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES SURVEY AIRCRAFT
FOREST FIRE DETECTION
GEOGRAPHIC INFORMATION SYSTEMS
GRAY SCALE
GROUND TRUTH
ICE MAPPING
IMAGE MOTION COMPENSATION
INFRARED PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTO GEOLOGY
PHOTOGRAMMETRY
PHOTOINTERPRETATION
PHOTOMAPPING

AERIAL PHOTOGRAPHY-(CONT)

PHOTOMAPS
PLANT STRESS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SEA TRUTH
SPACEBORNE PHOTOGRAPHY
STEREOPHOTOGRAPHY
TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY

AERIAL RECONNAISSANCE

GS RECONNAISSANCE
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
RT AEROMAGNETISM
CHANGE DETECTION
EARTH RESOURCES SURVEY AIRCRAFT
GROUND TRUTH
HS-801 AIRCRAFT
INFRARED RADIOMETERS
METEOROLOGICAL FLIGHT
PHOTORECONNAISSANCE
RECONNAISSANCE AIRCRAFT
RECONNAISSANCE SPACECRAFT
THERMAL MAPPING

AERIAL RUDDERS

GS AIRFOILS
AERIAL RUDDERS
CONTROL SURFACES
AERIAL RUDDERS
RT FINS
HORIZONTAL TAIL SURFACES
MARINE RUDDERS
STABILIZERS (FLUID DYNAMICS)
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES

AEROACOUSTICS

GS ACOUSTICS
AEROACOUSTICS
RT AERODYNAMICS
AERONAUTICS
AIRCRAFT NOISE
GRAZING FLOW
NOISE PREDICTION (AIRCRAFT)
SCIENCE
SURFACE NOISE INTERACTIONS

AEROASSIST

RT AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROBEE ROCKET VEHICLE

GS ROCKET VEHICLES
SOUNDING ROCKETS
AEROBEE ROCKET VEHICLE

AEROBES

GS MICROORGANISMS
AEROBES
RT ANAEROBES
BACTERIA
SEWAGE TREATMENT

AEROBIOLOGY

RT AIR POLLUTION
AIRBORNE INFECTION
BIOLOGY
ENVIRONMENT POLLUTION
POLLEN

AEROBRAKING

RT AEROASSIST
AEROCAPTURE
AEROMANEUVERING
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROCAPTURE

RT AEROASSIST
AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AERODYNAMIC COEFFICIENTS

AERODONTALGIA

USE TOOTH DISEASES

AERODYNAMIC AXIS

USE AERODYNAMIC BALANCE

AERODYNAMIC BALANCE

UF AERODYNAMIC AXIS
AERODYNAMIC CENTER
DRAG BALANCE
TRIM (BALANCE)
GS AERODYNAMIC CHARACTERISTICS
AERODYNAMIC BALANCE
RT AIRCRAFT STABILITY
BALANCE
DYNAMIC CHARACTERISTICS
HORIZONTAL FLIGHT
LIFT DRAG RATIO
MASS DISTRIBUTION
SPACECRAFT MOTION
SPACECRAFT STABILITY
STATIC AERODYNAMIC CHARACTERISTICS
TURNING FLIGHT

AERODYNAMIC BRAKES

GS BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
BALLUTES
DRAG CHUTES
PARAVULCOONS
SPLIT FLAPS
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
DRAG DEVICES
AERODYNAMIC BRAKES
BALLUTES
DRAG CHUTES
PARAVULCOONS
SPLIT FLAPS
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
RT AIRCRAFT BRAKES
CONTROL SURFACES
FLAPERONS
FLAPS (CONTROL SURFACES)
RETRACTABLE EQUIPMENT
SPOILERS

AERODYNAMIC BUZZ

USE FLUTTER

AERODYNAMIC CENTER

USE AERODYNAMIC BALANCE

AERODYNAMIC CHARACTERISTICS

GS AERODYNAMIC CHARACTERISTICS
AERODYNAMIC BALANCE
AERODYNAMIC DRAG
SUPERSONIC DRAG
AERODYNAMIC STABILITY
INTERFERENCE DRAG
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
STATIC AERODYNAMIC CHARACTERISTICS
RT AERODYNAMIC NOISE
ANGLE OF ATTACK
ASPECT RATIO
CHARACTERISTICS
CROSS FLOW
DYNAMIC CHARACTERISTICS
ENGINE AIRFRAME INTEGRATION
ROTOR BODY INTERACTIONS
UNDER SURFACE BLOWING
UPPER SURFACE BLOWING
WIND TUNNEL TESTS

AERODYNAMIC CHORDS

USE AIRFOIL PROFILES
CHORDS (GEOMETRY)

AERODYNAMIC COEFFICIENTS

UF LIFT COEFFICIENTS
GS COEFFICIENTS
AERODYNAMIC COEFFICIENTS
RT DRAG COEFFICIENTS
FLOW COEFFICIENTS
FLOW DISTORTION
FORCE DISTRIBUTION

AERODYNAMIC CONFIGURATIONS

AERODYNAMIC COEFFICIENTS-(CONT)

LIFT
LIFT DRAG RATIO
PITCHING MOMENTS
PRESSURE DISTRIBUTION
ROLLING MOMENTS
YAWING MOMENTS

AERODYNAMIC CONFIGURATIONS

SN (AERODYNAMIC VEHICLE SHAPES-FOR
LIFTING OR THRUSTING SURFACES USE
AIRFOILS)
GS **AERODYNAMIC CONFIGURATIONS**
DROOPED AIRFOILS
WING NACELLE CONFIGURATIONS
RT AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN
AIRFOILS
BLUNT BODIES
BODIES OF REVOLUTION
BODY-WING AND TAIL CONFIGURATIONS
BODY-WING CONFIGURATIONS
CANARD CONFIGURATIONS
CHANNEL WINGS
CONES
∞ CONFIGURATIONS
CONTROL SURFACES
∞ DESIGN
DISKS (SHAPES)
DRAG
ENGINE AIRFRAME INTEGRATION
FAIRINGS
FINNED BODIES
HALF CONES
∞ HEMISPHERES
INTAKE SYSTEMS
LAUNCH VEHICLE CONFIGURATIONS
LIFT
LIFTING BODIES
MISSILE CONFIGURATIONS
MONOPLANES
NACELLES
NOSE TIPS
OBLIQUE WINGS
PROPULSION SYSTEM CONFIGURATIONS
PROTUBERANCES
PYLON MOUNTING
REYNOLDS EQUATION
RING STRUCTURES
ROTOR BODY INTERACTIONS
SATELLITE CONFIGURATIONS
SCALE MODELS
SEMISPAN MODELS
SLENDER BODIES
SLENDER CONES
SPACECRAFT CONFIGURATIONS
SPHERES
STRAKES
STREAMLINED BODIES
THREE DIMENSIONAL BODIES
WEDGES
WIND TUNNEL MODELS
WING ROOTS

AERODYNAMIC DRAG

GS **AERODYNAMIC CHARACTERISTICS**
AERODYNAMIC DRAG
SUPERSONIC DRAG
AERODYNAMIC FORCES
AERODYNAMIC DRAG
SUPERSONIC DRAG
DYNAMIC CHARACTERISTICS
DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
FRICTION
AERODYNAMIC DRAG
SUPERSONIC DRAG
RT BALLISTICS
BASE PRESSURE
∞ DRAG COEFFICIENTS
DRAG MEASUREMENT
DRAG REDUCTION
GROUND EFFECT (AERODYNAMICS)
HYPERSONIC FORCES
LIFT
LIFT DRAG RATIO
ORBIT DECAY
PRESSURE DRAG
∞ PESISTANCE
SATELLITE DRAG
TURBULENCE
VORTEX FLAPS

AERODYNAMIC FORCES

UF GLAUERT COEFFICIENT
GS **AERODYNAMIC FORCES**
AERODYNAMIC DRAG
SUPERSONIC DRAG
AERODYNAMIC INTERFERENCE
AERODYNAMIC LOADS
BLAST LOADS
GUST LOADS
HYPERSONIC FORCES
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
WING LOADING
RT ∞ FORCE
LEADING EDGE THRUST
THRUST DISTRIBUTION

AERODYNAMIC HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
RT ABLATION
AEROTHERMODYNAMICS
TURBULENT HEAT TRANSFER

AERODYNAMIC HEATING

GS HEATING
AERODYNAMIC HEATING
SHOCK HEATING
RT ABLATION
AERODYNAMICS
AEROTHERMOCHEMISTRY
AEROTHERMODYNAMICS
ATMOSPHERIC ENTRY
BOUNDARY LAYER PLASMAS
COMPRESSIBLE FLUIDS
CONVECTIVE HEAT TRANSFER
HYPERSONIC REENTRY
REENTRY
REENTRY EFFECTS
REENTRY SHIELDING
SKIN FRICTION
SKIN TEMPERATURE (NON-BIOLOGICAL)
TRANSIENT HEATING
UNCONTROLLED REENTRY
(SPACECRAFT)

AERODYNAMIC INTERFERENCE

GS **AERODYNAMIC FORCES**
AERODYNAMIC INTERFERENCE
RT AERODYNAMICS
AIR FLOW
AIRCRAFT CONFIGURATIONS
AIRCRAFT STRUCTURES
AIRFOIL PROFILES
CONTROL SURFACES
∞ INTERFERENCE
PROTUBERANCES
TURBULENT FLOW
WING PROFILES

AERODYNAMIC LIFT

USE LIFT

AERODYNAMIC LOADS

GS **AERODYNAMIC FORCES**
AERODYNAMIC LOADS
BLAST LOADS
GUST LOADS
LOADS (FORCES)
DYNAMIC LOADS
AERODYNAMIC LOADS
BLAST LOADS
GUST LOADS
RT AXIAL COMPRESSION LOADS
AXIAL LOADS
COMPRESSION LOADS
CRITICAL LOADING
EDGE LOADING
FORCE DISTRIBUTION
LOADING MOMENTS
PRESSURE DISTRIBUTION
SHOCK LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THRUST LOADS
TRANSIENT LOADS
VIBRATORY LOADS
WING LOADING

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AERODYNAMIC MOMENTS

USE STABILITY DERIVATIVES

AERODYNAMIC NOISE

UF BOUNDARY LAYER NOISE
GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
RT ACOUSTIC RETROFITTING
AERODYNAMIC CHARACTERISTICS
AEROELASTICITY
AIRCRAFT NOISE
BLADE SLAP NOISE
FLUTTER
JET AIRCRAFT NOISE
NOISE MEASUREMENT
NOISE REDUCTION
PANEL FLUTTER
SHOCK WAVES
SONIC BOOMS
SURFACE NOISE INTERACTIONS

AERODYNAMIC STABILITY

UF FLYING PLATFORM STABILITY
GS AERODYNAMIC CHARACTERISTICS
AERODYNAMIC STABILITY
DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
RT AEROELASTICITY
AIRCRAFT STABILITY
ATTITUDE STABILITY
BALLAST (MASS)
BOUNDARY LAYER STABILITY
BUFFETING
DIRECTIONAL STABILITY
DYNAMIC TESTS
FLIGHT STABILITY TESTS
FLOW STABILITY
FLUTTER
GROUND RESONANCE
HELICOPTER PERFORMANCE
HOVERING
LATERAL STABILITY
LIQUID SLOSHING
LONGITUDINAL STABILITY
LOW SPEED STABILITY
MASS DISTRIBUTION
PILOT INDUCED OSCILLATION
PRESSURE DISTRIBUTION
REENTRY
RICHARDSON NUMBER
SPACECRAFT MOTION
SPACECRAFT STABILITY
STABILITY AUGMENTATION
STATIC AERODYNAMIC
CHARACTERISTICS
TURBULENCE EFFECTS
VORTEX AVOIDANCE
WIND TUNNEL STABILITY TESTS
WING OSCILLATIONS
YAW

AERODYNAMIC STALLING

RT AIRCRAFT PERFORMANCE
AIRCRAFT SPIN
AIRSPEED
ANGLE OF ATTACK
BOUNDARY LAYER SEPARATION
LIFT DRAG RATIO
LOW SPEED STABILITY
∞ STALLING
SWEEP ANGLE
ZERO LIFT

AERODYNAMIC VEHICLES

USE AIRCRAFT

AERODYNAMICS

UF HYDROAEROMECHANICS
GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
AEROTHERMODYNAMICS
HYPERSONICS
ROTOR AERODYNAMICS
SUPERSONICS
RT AEROACOUSTICS

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AERODYNAMICS-(CONT)

AERODYNAMIC HEATING
 AERODYNAMIC INTERFERENCE
 AEROELASTICITY
 AERONAUTICAL ENGINEERING
 ∞ AERONAUTICS
 ∞ AEROSPACE SCIENCES
 ∞ AIRCRAFT
 AIRFOILS
 BLUNT BODIES
 BODIES OF REVOLUTION
 BOUNDARY LAYER CONTROL
 COMPRESSIBLE FLOW
 CONTROL SURFACES
 DRAG
 ∞ DYNAMICS
 ∞ FLIGHT
 FLIGHT CHARACTERISTICS
 FLIGHT MECHANICS
 ∞ FLOW
 FLOW THEORY
 FREE WING AIRCRAFT
 GROUND EFFECT (AERODYNAMICS)
 HYPERSONIC FLIGHT
 HYPERSONIC FLOW
 INCOMPRESSIBLE FLOW
 INVISCID FLOW
 LAMINAR FLOW
 LIFT
 MACH NUMBER
 MACH ZEHNDER INTERFEROMETERS
 REENTRY
 ∞ SCIENCE
 SLENDER BODIES
 SUBSONIC FLOW
 SUPERSONIC FLOW
 THERMODYNAMICS
 TRANSONIC FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 VISCOUS FLOW
 WIND MEASUREMENT
 WIND TUNNELS

AEROELASTIC RESEARCH WINGS

GS AIRFOILS
 WINGS
 AEROELASTIC RESEARCH WINGS
 RT AIRCRAFT DESIGN
 STRUCTURAL DESIGN

AEROELASTICITY

GS MECHANICAL PROPERTIES
 ELASTIC PROPERTIES
 AEROELASTICITY
 AEROTHERMOELASTICITY
 RT AERODYNAMIC NOISE
 AERODYNAMIC STABILITY
 AERODYNAMICS
 AEROTHERMODYNAMICS
 AIRCRAFT STRUCTURES
 DAST PROGRAM
 FLUTTER
 INFLUENCE COEFFICIENT
 PANEL FLUTTER
 RIGID WINGS
 THERMOELASTICITY
 WING LOADING

AEROEMBOLISM

GS EMBOLISMS
 AEROEMBOLISM
 RT DECOMPRESSION SICKNESS
 FAT EMBOLISMS
 STRESS (PHYSIOLOGY)

AEROGYRO HELICOPTERS

USE XH-51 HELICOPTER

AEROLOGY

GS METEOROLOGY
 AEROLOGY
 RT ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 METEOROLOGICAL PARAMETERS
 POLAR METEOROLOGY
 SEA BREEZE
 WIND (METEOROLOGY)

AEROMAGNETISM

RT AERIAL RECONNAISSANCE
 GEOMAGNETISM

AEROMAGNETISM-(CONT)

MAGNETIC ANOMALIES
 MAGNETIC SURVEYS
 MAGNETIC VARIATIONS
 REMOTE SENSING

AEROMAGNETO FLUTTER

USE FLUTTER

AEROMANEUVERING

RT AEROASSIST
 AEROBRACING
 AEROCAPTURE
 ATMOSPHERIC ENTRY
 INTERPLANETARY TRANSFER ORBITS
 TRANSFER ORBITS

AEROMANEUVERING ORBIT TO ORBIT SHUTTLE

UF AMOOS
 GS TRANSPORTATION
 SPACE TRANSPORTATION
 SPACE TRANSPORTATION SYSTEM
 SPACE SHUTTLE BOOSTERS
 AEROMANEUVERING ORBIT TO
 ORBIT SHUTTLE
 RT ORBIT MANEUVERING ENGINE (SPACE
 SHUTTLE)
 ORBITAL MECHANICS
 REUSABLE LAUNCH VEHICLES
 SPACE SHUTTLES

AERONAUTICAL ENGINEERING

GS AEROSPACE ENGINEERING
 AERONAUTICAL ENGINEERING
 RT AERODYNAMICS
 ∞ AERONAUTICS
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 AIRCRAFT INDUSTRY
 AUXILIARY PROPULSION
 COMPOUND HELICOPTERS
 ∞ ENGINEERING
 FUNCTIONAL DESIGN SPECIFICATIONS
 MECHANICAL ENGINEERING
 PROPULSION
 STRUCTURAL ENGINEERING

AERONAUTICAL SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 AERONAUTICAL SATELLITES
 AEROSAT SATELLITES
 RT ∞ AERONAUTICS
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT COMMUNICATION
 GROUND-AIR GROUND COMMUNICATION
 RESCUE OPERATIONS
 SATELLITE NETWORKS

∞ AERONAUTICS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF AVIATION
 RT AEROACOUSTICS
 AERODYNAMICS
 AERONAUTICAL ENGINEERING
 AERONAUTICAL SATELLITES
 AEROSPACE ENGINEERING
 ∞ AEROSPACE SCIENCES
 AIR LAW
 ∞ AIRCRAFT
 AIRPORTS
 AVIONICS
 CIVIL AVIATION
 ∞ FLIGHT
 GENERAL AVIATION AIRCRAFT
 HUMAN FACTORS ENGINEERING
 ∞ MILITARY AVIATION
 ∞ SCIENCE
 TACT PROGRAM

AERONOMY

RT AIRGLOW
 ALPINE METEOROLOGY
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PHYSICS
 AURORAS
 DIAL SATELLITE
 GEOPHYSICS
 MESOMETEOROLOGY
 METEOROLOGY
 POLAR CUSPS

AEROSPACE ENVIRONMENTS

AERONOMY-(CONT)

UPPER ATMOSPHERE

AEROPHYSICS

USE ATMOSPHERIC PHYSICS

AEROQUATIC VEHICLES

RT AIRCRAFT DESIGN
 ATTACK AIRCRAFT
 ∞ MILITARY VEHICLES
 UNDERWATER PROPULSION
 UNDERWATER VEHICLES

AEROS SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 AEROS SATELLITE
 SYNCHRONOUS SATELLITES
 AEROS SATELLITE

AEROSAT SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 AERONAUTICAL SATELLITES
 AEROSAT SATELLITES
 ESA SATELLITES
 AEROSAT SATELLITES
 NAVIGATION SATELLITES
 AEROSAT SATELLITES
 SYNCHRONOUS SATELLITES
 AEROSAT SATELLITES
 RT EUROPEAN SPACE PROGRAMS
 SATELLITE NETWORKS

AEROSINUSITIS

GS DISEASES
 RESPIRATORY DISEASES
 AEROSINUSITIS
 RT AEROSPACE MEDICINE
 ALTITUDE SICKNESS

AEROSOLS

GS MIXTURES
 DISPERSIONS
 COLLOIDS
 AEROSOLS
 FOG
 LIQUID-GAS MIXTURES
 AEROSOLS
 FOG
 PARTICLES
 AEROSOLS
 FOG
 RT AIR POLLUTION
 AITKEN NUCLEI
 ATMOSPHERIC EFFECTS
 ATOMIZING
 CONDENSATION NUCLEI
 CROP DUSTING
 DUST
 ENTRAINMENT
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 FOG DISPERSAL
 FUMES
 GAS ATOMIZATION
 MIST
 MIXERS
 PHOTOPHORESIS
 POLLUTION TRANSPORT
 SAGE SATELLITE
 SMOKE
 SMOKE ABATEMENT
 SPRAYING

AEROSPACE ENGINEERING

UF SPACE SYSTEMS ENGINEERING
 GS AEROSPACE ENGINEERING
 AERONAUTICAL ENGINEERING
 RT ∞ AERONAUTICS
 ∞ AEROSPACE SCIENCES
 ∞ AIRCRAFT
 ∞ ENGINEERING
 MECHANICAL ENGINEERING
 MISSILE DESIGN
 STRUCTURAL ENGINEERING

AEROSPACE ENVIRONMENTS

UF SPACE ENVIRONMENT
 GS ENVIRONMENTS
 AEROSPACE ENVIRONMENTS
 CISLUNAR SPACE
 DEEP SPACE

AEROSPACE INDUSTRY

AEROSPACE ENVIRONMENTS-(CONT)

INTERPLANETARY SPACE
INTERSTELLAR SPACE
RT ∞ AEROSPACE SCIENCES
ARGON-OXYGEN ATMOSPHERES
∞ ASTRONAUTICS
BIOASTRONAUTICS
BIOPROCESSING
BIOSATELLITES
COSMIC RAYS
EARTH ATMOSPHERE
ELECTROMAGNETIC RADIATION
EXO BIOLOGY
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL LIFE
EXTRATERRESTRIAL RADIATION
EXTRAVEHICULAR ACTIVITY
GEOPHYSICAL FLUID FLOW CELLS
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
HELIUM-OXYGEN ATMOSPHERES
JUPITER ATMOSPHERE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
MANNED SPACE FLIGHT
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
PANSPERMIA
PLANETARY ENVIRONMENTS
RADIATION BELTS
SOLAR RADIATION
SPACE EXPLORATION
SPACE FLIGHT
SPACE HABITATS
SPACE MANUFACTURING
SPACEBORNE EXPERIMENTS
SPACECRAFT CABIN SIMULATORS
THERMAL ENVIRONMENTS
URANUS ATMOSPHERE
VACUUM
VENUS ATMOSPHERE

AEROSPACE INDUSTRY

GS INDUSTRIES
AEROSPACE INDUSTRY
AIRCRAFT INDUSTRY
RT ∞ AIRCRAFT
COMMERCIAL SPACECRAFT
SPACE COMMERCIALIZATION

AEROSPACE MEDICINE

GS AEROSPACE MEDICINE
AVIATION PSYCHOLOGY
SPACE PSYCHOLOGY
RT ACCELERATION STRESSES
(PHYSIOLOGY)
AEROSINUSITIS
∞ AEROSPACE SCIENCES
ALTITUDE SICKNESS
BIOASTRONAUTICS
BIOFEEDBACK
∞ BIOLOGY
BIOMEDICAL DATA
CLOSED ECOLOGICAL SYSTEMS
FASTING
GRAVITATIONAL PHYSIOLOGY
MEDICAL SCIENCE
∞ MEDICINE
MOBILE QUARANTINE FACILITY
MOTION SICKNESS
RADIOLOGY
∞ SCIENCE
SPACE ADAPTATION SYNDROME
SPACECRAFT ENVIRONMENTS
SPORTS MEDICINE
WEIGHTLESSNESS

AEROSPACE SAFETY

GS SAFETY
AEROSPACE SAFETY
RT ACCIDENT PREVENTION
AIRCRAFT SAFETY
FLIGHT SAFETY
RANGE SAFETY
SAFETY FACTORS
SAFETY MANAGEMENT

∞ AEROSPACE SCIENCES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF SPACE SCIENCES
RT AERODYNAMICS
∞ AERONAUTICS
AEROSPACE ENGINEERING

AEROSPACE SCIENCES-(CONT)

AEROSPACE ENVIRONMENTS
AEROSPACE MEDICINE
AEROSPACE SYSTEMS
ASTRONOMY
COMMITTEE ON SPACE RESEARCH
ENVIRONMENTAL ENGINEERING
EXTRATERRESTRIAL RADIATION
SPACE LABORATORIES

AEROSPACE SYSTEMS

RT ∞ AEROSPACE SCIENCES
CONTROL SYSTEMS DESIGN
MISSILE SYSTEMS
∞ SYSTEMS
SYSTEMS ENGINEERING

AEROSPACE TECHNOLOGY TRANSFER

GS TECHNOLOGY TRANSFER
AEROSPACE TECHNOLOGY TRANSFER
RT CANADIAN SPACE PROGRAM
INFORMATION FLOW
REPORTS
TECHNOLOGICAL FORECASTING
TECHNOLOGY UTILIZATION

AEROSPACE VEHICLES

GS AEROSPACE VEHICLES
FLEXIBLE SPACECRAFT
RT ∞ AIRCRAFT
COMMERCIAL SPACECRAFT
∞ SPACECRAFT
TRANSATMOSPHERIC VEHICLES

AEROSPACEPLANES

GS MANEUVERABLE SPACECRAFT
AEROSPACEPLANES
ASTROPLANE
MANNED SPACECRAFT
AEROSPACEPLANES
ASTROPLANE
REENTRY VEHICLES
AEROSPACEPLANES
ASTROPLANE
SOFT LANDING SPACECRAFT
AEROSPACEPLANES
ASTROPLANE
RT ∞ AIRCRAFT
ASTRO VEHICLE
BOOSTGLIDE VEHICLES
GLIDERS
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
LAUNCH VEHICLES
LIFTING REENTRY VEHICLES
LIQUID AIR CYCLE ENGINES
MILITARY SPACECRAFT
RESEARCH AIRCRAFT
ROCKET PLANES
TRANSATMOSPHERIC VEHICLES
X-20 AIRCRAFT

AEROSTATICS

GS STATICS
AEROSTATICS
RT BUOYANCY
∞ DYNAMICS
∞ EQUILIBRIUM
FLUID MECHANICS
HYDROSTATICS

AEROSTATS

USE AIRSHIPS

AEROTHERMOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
AEROTHERMOCHEMISTRY
THERMOCHEMISTRY
AEROTHERMOCHEMISTRY
RT ABLATION
AERODYNAMIC HEATING
AEROTHERMODYNAMICS
ATMOSPHERIC CHEMISTRY
CHEMICAL ENGINEERING
∞ CHEMISTRY
NOZZLE FLOW
PHYSICAL CHEMISTRY
PYROMETALLURGY
REENTRY PHYSICS
REENTRY SHIELDING
REENTRY VEHICLES

AEROTHERMODYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS

NASA THESAURUS (VOLUME 1)

AEROTHERMODYNAMICS-(CONT)

GAS DYNAMICS
AERODYNAMICS
AEROTHERMODYNAMICS
THERMODYNAMICS
AEROTHERMODYNAMICS
RT AERODYNAMIC HEAT TRANSFER
AERODYNAMIC HEATING
AEROELASTICITY
AEROTHERMOCHEMISTRY
ASSET PROJECT
BOUNDARY LAYER PLASMAS
∞ CHEMISTRY
COMBUSTION PHYSICS
∞ DYNAMICS
HYPERSONIC HEAT TRANSFER
HYPERSONIC REENTRY
HYPERSONICS
RANKINE-HUGONIOT RELATION
REENTRY
REENTRY PHYSICS
∞ SCIENCE
SKIN TEMPERATURE (NON-BIOLOGICAL)
SUPERONICS
THERMOELASTICITY

AEROTHERMOELASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
AEROELASTICITY
AEROTHERMOELASTICITY
THERMOELASTICITY
AEROTHERMOELASTICITY

AEROZINE

SN (HYDRAZINE-UDMH MIXTURE)
GS LIQUIDS
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
MONOPROPELLANTS
AEROZINE
PROPELLANTS
ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
MONOPROPELLANTS
AEROZINE
RT DIMETHYLHYDRAZINES
HYDRAZINES

AFC (CONTROL)

USE AUTOMATIC FREQUENCY CONTROL

AFCS (CONTROL SYSTEM)

USE AUTOMATIC FLIGHT CONTROL

AFFECTS

USE EFFECTS

AFFERENT NERVOUS SYSTEMS

GS NERVOUS SYSTEM
AFFERENT NERVOUS SYSTEMS
RT SENSORIMOTOR PERFORMANCE
∞ SYSTEMS

AFFINITY

RT ATTRACTION
COMPATIBILITY

AFGHANISTAN

GS NATIONS
AFGHANISTAN
RT ASIA

AFRICA

GS CONTINENTS
AFRICA
RT AFRICAN RIFT SYSTEM
ALGERIA
ANGOLA
ARCOMSAT
BENIN
BOTSWANA
BURKINA
BURUNDI
CAMEROON
CAPE VERDE
CENTRAL AFRICAN REPUBLIC
CHAD
CONGO (BRAZZAVILLE)
EGYPT
ETHIOPIA
GABON
GAMBIA
GHANA

AFRICA-(CONT)

GUINEA
IVORY COAST
KALUHARI BASIN (AFRICA)
KENYA
LESOTHO
LIBERIA
LIBYA
LIBYAN DESERT
MALAGASY REPUBLIC
MALAWI
MALI
MAURITANIA
MOROCCO
MOZAMBIQUE
NAMIBIA
NATIONS
NIGER
NIGERIA
RED SEA
REPUBLIC OF SOUTH AFRICA
RWANDA
SAHARA DESERT (AFRICA)
SENEGAL
SIERRA LEONE
SOMALIA
SPANISH SAHARA
SUDAN
SWAZILAND
TANZANIA
TOGO
TUNISIA
UGANDA
ZAIRE
ZAMBIA
ZIMBABWE

AFRICAN RIFT SYSTEM

GS GEOLOGICAL FAULTS
AFRICAN RIFT SYSTEM
RT AFRICA
∞ SYSTEMS

AFTERBODIES

UF CYLINDRICAL AFTERBODIES
STERNS
GS AIRCRAFT STRUCTURES
AFTERBODIES
RT BASE HEATING
BOATTAILS
∞ BODIES
CENTERBODIES
CONICAL BODIES
CYLINDRICAL BODIES
FLARED BODIES
FOREBODIES
SKIRTS
SWING TAIL ASSEMBLIES
TAIL ASSEMBLIES

AFTERBURNERS

USE AFTERBURNING

AFTERBURNING

UF AFTERBURNERS
GS COMBUSTION
AFTERBURNING
RT BURNERS
EXHAUST SYSTEMS
INFRARED SUPPRESSION
INTERNAL COMBUSTION ENGINES
J-57 ENGINE
J-57-P 20 ENGINE
JET ENGINES
THRUST AUGMENTATION

AFTERGLOWS

GS **AFTERGLOWS**
HELIUM AFTERGLOW
OXYGEN AFTERGLOW
RT ATMOSPHERIC IONIZATION
GAS DISCHARGES
GAS IONIZATION
LIGHT SCATTERING
LUMINESCENCE
PHOSPHORESCENCE
PLASMA DECAY

AFTERIMAGES

GS IMAGES
AFTERIMAGES
RT CRITICAL FLICKER FUSION
ILLUSIONS
PSYCHOLOGICAL EFFECTS
SENSORY PERCEPTION

AFTERIMAGES-(CONT)

VISUAL PERCEPTION

AGC (CONTROL)

USE AUTOMATIC GAIN CONTROL

AGE DETERMINATION

USE CHRONOLOGY

AGE FACTOR

RT AGING (BIOLOGY)
GERONTOLOGY
LIFE SPAN

AGE HARDENING

USE PRECIPITATION HARDENING

AGENA A ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA A ROCKET VEHICLE
RT DISCOVERER SATELLITES
THOR AGENA LAUNCH VEHICLE

AGENA B RANGER PROGRAM

GS PROGRAMS
NASA PROGRAMS
RANGER PROJECT
AGENA B RANGER PROGRAM
NASA SPACE PROGRAMS
RANGER PROJECT
AGENA B RANGER PROGRAM
PROJECTS
RANGER PROJECT
AGENA B RANGER PROGRAM
RT THOR AGENA LAUNCH VEHICLE

AGENA B ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA B ROCKET VEHICLE
RT DISCOVERER SATELLITES
ECHO SATELLITES
EGO
GEMINI PROJECT
MARINER PROGRAM
OAO
POGO
RANGER PROJECT

AGENA C ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA C ROCKET VEHICLE

AGENA D ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA D ROCKET VEHICLE

AGENA ROCKET VEHICLES

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA A ROCKET VEHICLE
AGENA B ROCKET VEHICLE
AGENA C ROCKET VEHICLE
AGENA D ROCKET VEHICLE
RT ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
DISCOVERER SATELLITES
ECHO SATELLITES
GEMINI PROJECT
MARINER PROGRAM
RANGER PROJECT
THOR AGENA LAUNCH VEHICLE

∞ AGENTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACCELERATING AGENTS
ADDITIVES
ANTICOAGULANTS
ANTIFOULING
ANTIOXIDANTS
DILUENTS
NEUTRALIZERS
OPACIFIERS
OXIDIZERS

AGENTS-(CONT)

PENETRANTS
PRESERVATIVES
STABILIZERS (AGENTS)
SURFACTANTS

AGGLOMERATION

RT ACCUMULATIONS
CEMENTATION
CLUMPS
COAGULATION
COALESCING
COMPACTING
CONCENTRATING
CRYSTALLIZATION
DENSIFICATION
FLOCCULATING
GALACTIC CLUSTERS
LUMPING
PLUGGING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SETTLING
SINTERING
VIRGO GALACTIC CLUSTER

AGGLUTINATION

GS BONDING
AGGLUTINATION
RT ADHESION
ADHESIVE BONDING
ADHESIVES
CEMENTATION
CHEMICAL BONDS
COHESION

AGGREGATES

RT CONCRETE STRUCTURES
CONCRETES
∞ CONSTRUCTION MATERIALS
DOLOMITE (MINERAL)
GRAVELS
LAVA
LIMESTONE
ROCKS
SANDS
SLAGS

∞ AGING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AGING (BIOLOGY)
AGING (MATERIALS)
AGING (METALLURGY)
RADIOACTIVE AGE DETERMINATION

AGING (BIOLOGY)

RT AGE FACTOR
∞ AGING
∞ BIOLOGY
GERIATRICS
GERONTOLOGY
LIFE SCIENCES
LIFE SPAN
MORTALITY

AGING (MATERIALS)

GS **AGING (MATERIALS)**
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
∞ MATERIALS
MECHANICAL PROPERTIES
MICROSTRUCTURE
STRAIN HARDENING

AGING (METALLURGY)

GS AGING (MATERIALS)
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
HEAT TREATMENT
MICROSTRUCTURE
SOLID SOLUTIONS
STRAIN HARDENING
SUPERCOOLING
TIME TEMPERATURE PARAMETER

AGITATION

GS **AGITATION**
ULTRASONIC AGITATION
RT AERATION
BLOWING
CHEMICAL REACTION CONTROL

AGREEMENTS

AGITATION-(CONT)

COALESCING
COLLOIDING
DISPERSING
DISPOSAL
HOMOGENIZING
MIXERS
MIXING
∞SEPARATION
SETTLING
SHAKING
SIZING SCREENS
SPLASHING
SUSPENDING (MIXING)
SWIRLING
TURBULENT MIXING
VORTICES
WATER TREATMENT

AGREEMENTS

RT CONTRACTS
CONVENTIONS
SUBCONTRACTS

AGRICULTURAL AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
AGRICULTURAL AIRCRAFT
RT AGRICULTURE
∞AIRCRAFT
CROP DUSTING
LIGHT AIRCRAFT
SWATH WIDTH

AGRICULTURE

RT AGRICULTURAL AIRCRAFT
AGRISTARS PROJECT
AGROCLIMATOLOGY
AGROMETEOROLOGY
AGROPHYSICAL UNITS
ALFALFA
BARLEY
∞BIOLOGY
BOTANY
CITRUS TREES
CONSERVATION
CORN
CROP DUSTING
CROP GROWTH
CROP IDENTIFICATION
CROP INVENTORIES
CROP VIGOR
∞CROPS
FARM CROPS
FARMLANDS
FRUITS
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH AMERICA)
HALOPHILES
HAY
HYDROCARBON FUEL PRODUCTION
HYDROPONICS
IRRIGATION
LARGE AREA CROP INVENTORY
EXPERIMENT
LEGUMINOUS PLANTS
OATS
ORCHARDS
PLANT STRESS
PLANTING
PLANTS (BOTANY)
PLOWING
PLOWS
RURAL AREAS
RURAL LAND USE
SILVICULTURE
SOIL SCIENCE
SORGHUM
SUGAR BEETS
SUGAR CANE
SUNFLOWERS
TRACTORS
VEGETATION GROWTH
VINEYARDS

AGRISTARS PROJECT

UF CROP INVENTORIES BY REMOTE SENSING
GS PROGRAMS
PROJECTS
AGRISTARS PROJECT
RT AGRICULTURE
AGROPHYSICAL UNITS
CROP INVENTORIES
FARM CROPS

AGRISTARS PROJECT-(CONT)

FRESH WATER
LAND USE
LANDSAT SATELLITES
METEOROLOGICAL SATELLITES
NASA PROGRAMS
REMOTE SENSORS
VEGETATIVE INDEX

AGROCLIMATOLOGY

GS CLIMATOLOGY
RT AGRICULTURE
AGROMETEOROLOGY
HYDROCLIMATOLOGY
METEOROLOGICAL PARAMETERS
METEOROLOGY
MICROCLIMATOLOGY

AGROMETEOROLOGY

GS METEOROLOGY
AGROMETEOROLOGY
RT AGRICULTURE
AGROCLIMATOLOGY
HYDROMETEOROLOGY
MICROMETEOROLOGY
THERMAL RESOURCES
TROPICAL METEOROLOGY

AGROPHYSICAL UNITS

RT AGRICULTURE
AGRISTARS PROJECT
FARMLANDS
LARGE AREA CROP INVENTORY
EXPERIMENT

AGT

USE AUTOMATED GUIDEWAY TRANSIT VEHICLES

AH-1G HELICOPTER

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-1G HELICOPTER
RT ∞MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AH-63 HELICOPTER

GS ATTACK AIRCRAFT
AH-63 HELICOPTER
BELL AIRCRAFT
AH-63 HELICOPTER
RT ∞MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AH-64 HELICOPTER

GS ATTACK AIRCRAFT
AH-64 HELICOPTER
HUGHES AIRCRAFT
AH-64 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-64 HELICOPTER
RT ∞MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

∞ AIDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT LANDING AIDS
NAVIGATION AIDS
VISUAL AIDS

AILERONS

GS AIRFOILS
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
CONTROL SURFACES
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
RT ELEVATORS (CONTROL SURFACES)
ELEVONS
LATERAL CONTROL
TABS (CONTROL SURFACES)

AIMP-D

USE EXPLORER 33 SATELLITE

NASA THESAURUS (VOLUME 1)

AIMP-E

USE EXPLORER 35 SATELLITE

AIMP-1

USE EXPLORER 33 SATELLITE

AIMP-2

USE EXPLORER 35 SATELLITE

AIR

GS GASES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR
RT ∞ATMOSPHERES
ATMOSPHERIC COMPOSITION
EARTH ATMOSPHERE
ENVIRONMENTS
MIDDLE ATMOSPHERE

AIR BAG RESTRAINT DEVICES

GS BAGS
AIR BAG RESTRAINT DEVICES
SAFETY DEVICES
AIR BAG RESTRAINT DEVICES
RT ACCIDENT PREVENTION
ACCIDENTS
AUTOMOBILES
COLLISIONS
CRASHES
∞DEVICES
HIGHWAYS
PNEUMATIC EQUIPMENT
SAFETY

AIR BEARINGS

USE GAS BEARINGS

AIR BLASTS

USE AERIAL EXPLOSIONS

AIR BREATHING BOOSTERS

RT AIR BREATHING ENGINES
BOOSTER ROCKET ENGINES
∞BOOSTERS

AIR BREATHING ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA 28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
TURBORAMJET ENGINES
T-58-GE-8B ENGINE
RT AIR BREATHING BOOSTERS

AIR CARGO

UF AIR FREIGHT
 GS CARGO
 AIR CARGO
 AIR MAIL
 RT AIRDROPS
 AIRFIELD SURFACE MOVEMENTS
 AIRLINE OPERATIONS
 BAGGAGE
 CARGO AIRCRAFT
 GROUND HANDLING
 HEAVY LIFT HELICOPTERS

AIR CONDITIONING

RT BLOWERS
 COMFORT
 CONDENSERS (LIQUEFIERS)
 CONTROLLED ATMOSPHERES
 COOLANTS
 COOLERS
 COOLING
 COOLING SYSTEMS
 ∞ DIFFUSERS
 EXHAUST SYSTEMS
 FREON
 HEAT PUMPS
 HEATING
 HEATING EQUIPMENT
 HUMIDITY
 INFILTRATION
 LIFE SUPPORT SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 REFRIGERANTS
 REFRIGERATING
 REFRIGERATING MACHINERY
 SPACE HEATING (BUILDINGS)
 TEMPERATURE
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 THERMAL INSULATION
 ∞ TREATMENT
 VENTILATION

AIR CONDITIONING EQUIPMENT

RT ABSORBENTS
 ABSORBERS (EQUIPMENT)
 ADSORBENTS
 BLOWERS
 COMPRESSORS
 CONDENSERS (LIQUEFIERS)
 COOLERS
 COOLING SYSTEMS
 ∞ DIFFUSERS
 ∞ EQUIPMENT
 EVAPORATORS
 ∞ FANS
 HEAT PUMPS
 HEATING EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 REFRIGERATING MACHINERY

AIR CONDUCTIVITY

RT ATMOSPHERIC CONDUCTIVITY
 ELECTRICAL RESISTIVITY
 THERMAL CONDUCTIVITY

AIR COOLING

SN (COOLING WITH AIR)
 GS COOLING
 AIR COOLING
 RT COOLANTS
 COOLERS
 COOLING SYSTEMS
 LIQUID COOLING
 REFRIGERATING
 VENTILATION

AIR CURRENTS

GS FLUID FLOW
 GAS FLOW
 AIR FLOW
 AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 RT ATMOSPHERIC CIRCULATION
 BAROTROPIC FLOW
 BOUNDARY LAYER TRANSITION
 BRUNT-VAISALA FREQUENCY
 CONVECTION CLOUDS
 CONVECTION CURRENTS
 ∞ CURRENTS
 GROUND WIND
 LEE WAVES
 SEA BREEZE

AIR CURRENTS-(CONT)

UPSTREAM
 WIND (METEOROLOGY)
 WINDPOWER UTILIZATION

AIR CUSHION LANDING SYSTEMS

RT AIRCRAFT LANDING
 CUSHIONS
 GROUND EFFECT (AERODYNAMICS)
 SKID LANDINGS
 ∞ SYSTEMS

AIR CUSHION VEHICLES

USE GROUND EFFECT MACHINES

AIR DEFENSE

GS **AIR DEFENSE**
 ANTIMISSILE DEFENSE
 SAGE AIR DEFENSE SYSTEM
 RT ANTIRADIATION MISSILES
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 CAMOUFLAGE
 CIVIL DEFENSE
 DECEPTION
 ∞ DEFENSE
 DEFENSE PROGRAM
 DMSP SATELLITES
 EARLY WARNING SYSTEMS
 ELECTRONIC WARFARE
 JAMMERS
 OPTICAL COUNTERMEASURES
 SABOTAGE
 SPACE SURVEILLANCE (GROUND
 BASED)
 SPACE SURVEILLANCE (SPACEBORNE)
 WEAPONS DELIVERY

AIR DENSITY EXPLORER A

USE EXPLORER 19 SATELLITE

AIR DENSITY/INJUN EXPLORER B

USE EXPLORER 25 SATELLITE

AIR DROP OPERATIONS

RT BAILOUT
 BALLUTES
 CARGO
 DELIVERY
 FREE FALL
 ∞ OPERATIONS
 PARACHUTES
 PARAVULCOONS
 PARAWINGS

AIR DUCTS

GS DUCTS
 AIR DUCTS
 RT ANNULAR DUCTS
 BLOWERS
 EXHAUST NOZZLES
 ∞ FANS
 GAS FLOW
 VENTILATORS

AIR FILTERS

GS CLEANERS
 AIR FILTERS
 SEPARATORS
 FLUID FILTERS
 AIR FILTERS
 RT COOLING SYSTEMS
 DUST COLLECTORS
 ∞ FILTERS
 PRECIPITATORS
 VENTILATION

AIR FLOW

GS FLUID FLOW
 GAS FLOW
 AIR FLOW
 AIR FLOW
 AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 RT AERODYNAMIC INTERFERENCE
 ATMOSPHERIC BOUNDARY LAYER
 BAROTROPIC FLOW
 BRUNT-VAISALA FREQUENCY
 COMPRESSIBLE FLOW
 ∞ CURRENTS
 DUCT GEOMETRY
 DUCTED FLOW
 STREAMLINING

AIR FLOW-(CONT)

STREAMS
 VENTILATION

AIR FREIGHT

USE AIR CARGO

AIR INLETS

USE AIR INTAKES

AIR INTAKES

UF AIR INLETS
 GS INTAKE SYSTEMS
 AIR INTAKES
 ENGINE INLETS
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 SUPERSONIC INLETS
 RT BYPASS RATIO
 CONICAL INLETS
 COWLINGS
 INLET NOZZLES
 INLET TEMPERATURE
 INTERNAL COMPRESSION INLETS
 MANIFOLDS
 NACELLES
 NOSE INLETS
 PLENUM CHAMBERS
 SCOOOPS
 SIDE INLETS
 SUPERCHARGERS
 SUPERSONIC DIFFUSERS
 VENTILATION
 VENTILATORS
 ∞ WATER INTAKES

AIR JETS

GS FLUID FLOW
 JET FLOW
 AIR JETS
 FLUID JETS
 AIR JETS
 RT GAS FLOW
 GAS JETS
 JET STREAMS (METEOROLOGY)
 ∞ JETS
 VAPOR JETS

AIR LAND INTERACTIONS

RT ATMOSPHERIC BOUNDARY LAYER
 ATMOSPHERIC CIRCULATION
 GAS-SOLID INTERACTIONS
 ∞ INTERACTIONS
 METEOROLOGY

AIR LAUNCHING

GS LAUNCHING
 AIR LAUNCHING
 RT MULTISTAGE ROCKET VEHICLES
 PIGGBACK SYSTEMS

AIR LAW

GS LAW (JURISPRUDENCE)
 INTERNATIONAL LAW
 AIR LAW
 RT ∞ AERONAUTICS
 AIRSPACE
 CIVIL AVIATION
 CONVENTIONS
 LEGAL LIABILITY
 LIABILITIES
 ∞ MILITARY AVIATION
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 PENALTIES
 POLITICS
 PUBLIC LAW
 REGULATIONS
 SPACE LAW

AIR LOCKS

GS COMPARTMENTS
 AIR LOCKS
 RT AIRLOCK MODULES
 DOORS
 EGRESS
 ENCLOSURES
 HATCHES
 INGRESS (SPACECRAFT PASSAGEWAY)
 ∞ LOCKS
 PRESSURE CHAMBERS
 SEALS (STOPPERS)

AIR MAIL

AIR MAIL

GS CARGO
AIR CARGO
AIR MAIL

AIR MASSES

RT ANTICYCLONES
ATMOSPHERIC CIRCULATION
BRUNT-VAISALA FREQUENCY
COLD FRONTS
FRONTS (METEOROLOGY)
METEOROLOGY
SYNOPTIC METEOROLOGY
WARM FRONTS
WEATHER FORECASTING
WINDPOWER UTILIZATION

AIR NAVIGATION

GS NAVIGATION
AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
AREA NAVIGATION
NAP-OF-THE-EARTH NAVIGATION
RT ASTRONAVIGATION
BORESIGHT ERROR
CELESTIAL NAVIGATION
CELESTIAL REFERENCE SYSTEMS
COLLISION AVOIDANCE
∞CONTROL
DEAD RECKONING
DIGITAL NAVIGATION
DOPPLER NAVIGATION
FLIGHT INSTRUMENTS
FLIGHT MANAGEMENT SYSTEMS
FLIGHT PATHS
FLIGHT PLANS
FLIGHT RULES
GUIDANCE (MOTION)
HYPERBOLIC NAVIGATION
INERTIAL NAVIGATION
INSTRUMENT FLIGHT RULES
LORAN
LORAN C
LORAN D
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NAVIGATION AIDS
OMEGA NAVIGATION SYSTEM
POLAR NAVIGATION
RADAR NAVIGATION
RADIO NAVIGATION
SHORAN
SOLAR COMPASSES
SPACE NAVIGATION
TACAN
VHF OMNIRANGE NAVIGATION
VISUAL FLIGHT

AIR PIRACY

UF HIJACKING
RT AIRCRAFT SAFETY
AIRPORT SECURITY
CRIME
FLIGHT HAZARDS
FLIGHT SAFETY
OPERATIONAL HAZARDS

AIR POLLUTION

UF ATMOSPHERIC IMPURITIES
GS POLLUTION
ENVIRONMENT POLLUTION
AIR POLLUTION
GLOBAL AIR POLLUTION
INDOOR AIR POLLUTION
RT ACID RAIN
AEROBIOLOGY
AEROSOLS
ASHES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATMOSPHERIC EFFECTS
CLEAN ENERGY
COMBUSTION PRODUCTS
CONTAMINATION
DIFFUSION
DROPS (LIQUIDS)
DUST
EARTH ATMOSPHERE
EARTH ENVIRONMENT
EFFLUENTS
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL QUALITY

AIR POLLUTION-(CONT)

ENVIRONMENTAL SURVEYS
ENVIRONMENTS
EXHAUST GASES
EXHAUST SYSTEMS
FALLOUT
FLUE GASES
FLY ASH
FOREST FIRES
GLOBAL AIR SAMPLING PROGRAM
HAZE
HUMAN WASTES
METABOLIC WASTES
MIDDLE ATMOSPHERE
MIXING HEIGHT
MUTAGENS
NITROUS ACID
ODORS
ORGANIC PEROXIDES
OXIDIZERS
PARTICLES
PHOTOCHEMICAL OXIDANTS
POLLEN
POLLUTION MONITORING
POLLUTION TRANSPORT
POLYNUCLEAR ORGANIC COMPOUNDS
SMOG
SMOKE
SMOKE ABATEMENT
SOOT
TEMPERATURE INVERSIONS
WASTE DISPOSAL
WASTES
WIND (METEOROLOGY)

AIR PURIFICATION

GS PURIFICATION
AIR PURIFICATION
RT CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
DECONTAMINATION
ELECTROSTATIC PRECIPITATORS
HOPCALITE (TRADEMARK)
REBREATHING
STERILIZATION
VENTILATION

AIR QUALITY

GS QUALITY
AIR QUALITY
RT EARTH ATMOSPHERE
ENVIRONMENTS
INDOOR AIR POLLUTION
POLLUTION CONTROL
POLLUTION MONITORING

AIR SAMPLING

GS SAMPLING
AIR SAMPLING
RT ELECTROSTATIC PRECIPITATORS
ENVIRONMENT POLLUTION
GAS ANALYSIS
GLOBAL AIR SAMPLING PROGRAM
INDOOR AIR POLLUTION
SMOG

AIR SEA ICE INTERACTIONS

GS GAS-LIQUID INTERACTIONS
AIR WATER INTERACTIONS
AIR SEA ICE INTERACTIONS
RT ∞INTERACTIONS
SEA ICE

AIR SEA INTERACTIONS

USE AIR WATER INTERACTIONS

AIR SICKNESS

USE MOTION SICKNESS

AIR SLEW MISSILES

GS MISSILES
AIR SLEW MISSILES
RT MANEUVERABILITY
∞ROCKETS
SOLID PROPELLANT ROCKET ENGINES
THRUST VECTOR CONTROL

AIR START

GS STARTING
AIR START
RT AIRCRAFT CONTROL
AIRCRAFT ENGINES
ENGINE CONTROL
FLIGHT TESTS

NASA THESAURUS (VOLUME 1)

AIR TO AIR MISSILES

UF AIR TO AIR ROCKETS
GS MISSILES
AIR TO AIR MISSILES
FALCON MISSILE
MATRA MISSILE
SIDEWINDER MISSILES
SPARROW MISSILES
SPARROW 2 MISSILE
SPARROW 3 MISSILE
RT ANTI-AIRCRAFT MISSILES
RAMJET MISSILES
SIAM MISSILES
SPACE WEAPONS
SURFACE TO AIR MISSILES

AIR TO AIR REFUELING

GS REFUELING
AIR TO AIR REFUELING
RT TANKER AIRCRAFT

AIR TO AIR ROCKETS

USE AIR TO AIR MISSILES

AIR TO SURFACE MISSILES

GS MISSILES
AIR TO SURFACE MISSILES
BULLPUP MISSILES
CONDOR MISSILE
HARPOON MISSILE
HOUND DOG MISSILE
MAVERICK MISSILES
QUAIL MISSILE
SHRIKE MISSILE
RT MISS DISTANCE
ORDNANCE
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
∞SURFACES
WEAPON SYSTEMS

AIR TRAFFIC

GS TRAFFIC
AIR TRAFFIC
RT AIRCRAFT HAZARDS
AIRLINE OPERATIONS
AIRSPACE
COLLISION AVOIDANCE
FLIGHT HAZARDS
FLIGHT PATHS
FLIGHT PLANS
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL AVIATION SYSTEM

AIR TRAFFIC CONTROL

GS GROUND BASED CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RADAR APPROACH CONTROL
TRAFFIC CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RADAR APPROACH CONTROL
RT AERONAUTICAL SATELLITES
AIRBORNE RADAR APPROACH
AIRCRAFT APPROACH SPACING
AIRCRAFT COMMUNICATION
AIRCRAFT GUIDANCE
AIRCRAFT SAFETY
AIRPORT SURFACE DETECTION
EQUIPMENT
AIRPORT TOWERS
AIRPORTS
AIRSPACE
APPROACH
APPROACH CONTROL
APPROACH INDICATORS
ATTITUDE CONTROL
AUTOMATED PILOT ADVISORY SYSTEM
AUTOMATED RADAR TERMINAL SYSTEM
BEACON COLLISION AVOIDANCE
SYSTEM
COLLISION AVOIDANCE
COLLISIONS
∞CONTROL
DISCRETE ADDRESS BEACON SYSTEM
FLIGHT ALTITUDE
FLIGHT CONTROL
FLIGHT MANAGEMENT SYSTEMS
FLIGHT PATHS
FLIGHT PLANS
FLIGHT RULES
FLIGHT SAFETY
FLIGHT TIME

AIR TRAFFIC CONTROL-(CONT)

GROUND SUPPORT EQUIPMENT
GROUND-AIR-GROUND COMMUNICATION
HELIPORTS
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
LANDING
LANDING AIDS
LANDING INSTRUMENTS
LANDING RADAR
LOCATES SYSTEM
MICROWAVE LANDING SYSTEMS
MIDAIR COLLISIONS
MILITARY AIR FACILITIES
NATIONAL AIRSPACE SYSTEM
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL AVIATION SYSTEM
NAVIGATION AIDS
∞ OPERATIONS
RADAR NAVIGATION
RADIO NAVIGATION
ROUTES
SOLAR COMPASSES
SURVEILLANCE RADAR
TAKEOFF
TAXIING
TOWERS
TRACKING (POSITION)
TRANSPONDERS
VORTEX ADVISORY SYSTEM
VORTEX AVOIDANCE

AIR TRAFFIC CONTROLLERS (PERSONNEL)

GS PERSONNEL
AIR TRAFFIC CONTROLLERS
(PERSONNEL)
RT AIRPORT TOWERS
GROUND BASED CONTROL
LANDING AIDS
TRAFFIC CONTROL

AIR TRANSPORTATION

GS TRANSPORTATION
AIR TRANSPORTATION
RT COMPOUND HELICOPTERS
MARINE TRANSPORTATION
NATIONAL AVIATION SYSTEM
RAPID TRANSIT SYSTEMS
SHORT HAUL AIRCRAFT
TRANSPORT AIRCRAFT

AIR WATER INTERACTIONS

UF AIR SEA INTERACTIONS
GS GAS-LIQUID INTERACTIONS
AIR WATER INTERACTIONS
AIR SEA ICE INTERACTIONS
RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
EL NINO
GYRES
∞ INTERACTIONS
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
OCEAN DYNAMICS
OCEAN MODELS
SEA SURFACE TEMPERATURE
WATER TUNNEL TESTS

AIRBORNE EQUIPMENT

GS ONBOARD EQUIPMENT
AIRBORNE EQUIPMENT
AIRBORNE/SPACEBORNE
COMPUTERS
LIGHT AIRBORNE MULTIPURPOSE
SYSTEM
TERCOM
RT ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
AIRCRAFT COMMUNICATION
AIRCRAFT EQUIPMENT
AUTOMATIC LANDING CONTROL
AVIONICS
BALLOON-BORNE INSTRUMENTS
∞ ELECTRIC EQUIPMENT
∞ EQUIPMENT
FLIGHT INSTRUMENTS
HYDRAULIC EQUIPMENT
MAP MATCHING GUIDANCE
MATTS (SYSTEMS)
RADAR EQUIPMENT
RADIO EQUIPMENT
VACUUM ARC SWITCHES

AIRBORNE INFECTION

GS DISEASES
INFECTIOUS DISEASES
AIRBORNE INFECTION
RT AEROBIOLOGY
PARASITIC DISEASES

**AIRBORNE INTEGRATED RECONNAISSANCE
SYSTEM**

UF AIRS (RECONNAISSANCE SYS)
GS RECONNAISSANCE
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
RT GROUND TRUTH
PHOTORECONNAISSANCE
∞ SYSTEMS
TARGETS

AIRBORNE LASERS

GS ONBOARD EQUIPMENT
AIRBORNE LASERS
STIMULATED EMISSION DEVICES
LASERS
AIRBORNE LASERS
RT LASER APPLICATIONS
LASER RANGER/TRACKER
REMOTE SENSORS
SPACEBORNE LASERS

AIRBORNE RADAR APPROACH

GS APPROACH
AIRBORNE RADAR APPROACH
RT AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
HELICOPTER CONTROL
HELICOPTERS
LANDING AIDS
RADAR APPROACH CONTROL

AIRBORNE RANGE AND ORBIT DETERMINATION

UF AROD (RANGE-ORBIT DETERMINATION)
GS RANGEFINDING
AIRBORNE RANGE AND ORBIT
DETERMINATION
RT ∞ MEASUREMENT
ORBITS

AIRBORNE SURVEILLANCE RADAR

GS RADAR
SURVEILLANCE RADAR
AIRBORNE SURVEILLANCE RADAR
RT AIRCRAFT INSTRUMENTS
DISPLAY DEVICES
ONBOARD EQUIPMENT

AIRBORNE WARNING AND CONTROL SYSTEM

USE AWACS AIRCRAFT

AIRBORNE/SPACEBORNE COMPUTERS

UF FLIGHT COMPUTERS
ONBOARD COMPUTERS
GS DATA PROCESSING EQUIPMENT
COMPUTERS
EMBEDDED COMPUTER SYSTEMS
AIRBORNE/SPACEBORNE
COMPUTERS
ONBOARD EQUIPMENT
AIRBORNE EQUIPMENT
AIRBORNE/SPACEBORNE
COMPUTERS
RT DATA PROCESSING
FLIGHT MANAGEMENT SYSTEMS
HIGHLY MANEUVERABLE AIRCRAFT
MINICOMPUTERS
ONBOARD DATA PROCESSING
SPACECRAFT COMPONENTS
SPACECRAFT ELECTRONIC EQUIPMENT
SYSTEMS INTEGRATION

AIRBUS

USE EUROPEAN AIRBUS

∞ AIRCRAFT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF AERODYNAMIC VEHICLES
RT A 1 AIRCRAFT
A 2 AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
A-5 AIRCRAFT
A-6 AIRCRAFT

AIRCRAFT-(CONT)

A-7 AIRCRAFT
A-9 AIRCRAFT
A-10 AIRCRAFT
A-37 AIRCRAFT
A-300 AIRCRAFT
ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
AERODYNAMICS
AERONAUTICAL ENGINEERING
∞ AERONAUTICS
AEROSPACE ENGINEERING
AEROSPACE INDUSTRY
AEROSPACE VEHICLES
AEROSPACEPLANES
AGRICULTURAL AIRCRAFT
AIRCRAFT ACCIDENT INVESTIGATION
AIRCRAFT ACCIDENTS
AIRCRAFT ANTENNAS
AIRCRAFT APPROACH SPACING
AIRCRAFT BRAKES
AIRCRAFT CARRIERS
AIRCRAFT COMMUNICATION
AIRCRAFT COMPARTMENTS
AIRCRAFT CONFIGURATIONS
AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT CONTROL
AIRCRAFT DESIGN
AIRCRAFT DETECTION
AIRCRAFT ENGINES
AIRCRAFT EQUIPMENT
AIRCRAFT FUEL SYSTEMS
AIRCRAFT FUELS
AIRCRAFT GUIDANCE
AIRCRAFT HAZARDS
AIRCRAFT HYDRAULIC SYSTEMS
AIRCRAFT INDUSTRY
AIRCRAFT INSTRUMENTS
∞ AIRCRAFT LANDING
AIRCRAFT LIGHTS
AIRCRAFT MAINTENANCE
AIRCRAFT MANEUVERS
AIRCRAFT NOISE
AIRCRAFT PARTS
AIRCRAFT PERFORMANCE
AIRCRAFT PILOTS
AIRCRAFT PRODUCTION
AIRCRAFT PRODUCTION COSTS
AIRCRAFT RELIABILITY
AIRCRAFT RUNUP
AIRCRAFT SAFETY
AIRCRAFT SPECIFICATIONS
AIRCRAFT SPIN
AIRCRAFT STABILITY
AIRCRAFT STRUCTURES
AIRCRAFT SURVIVABILITY
AIRCRAFT TIRES
AIRCRAFT WAKES
AIRSHIPS
ALADIN 2 AIRCRAFT
ALOUETTE HELICOPTERS
ALPHA JET AIRCRAFT
AMPHIBIOUS AIRCRAFT
AN-2 AIRCRAFT
AN-22 AIRCRAFT
AN-24 AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ANTONOV AIRCRAFT
ARGOSY MK-1 AIRCRAFT
ASSET GLIDERS
ATLIT PROJECT
ATTACK AIRCRAFT
AVRO 707 AIRCRAFT
AWACS AIRCRAFT
B-1 AIRCRAFT
B-26 AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
B-57 AIRCRAFT
B-58 AIRCRAFT
B-66 AIRCRAFT
B-70 AIRCRAFT
BAC AIRCRAFT
BAC 111 AIRCRAFT
BALLOONS
BEAGLE AIRCRAFT
BEECH 99 AIRCRAFT
BEECHCRAFT AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
BELL AIRCRAFT
BELL 214A HELICOPTER
BIPLANES
BIRD-AIRCRAFT COLLISIONS
BOEING AIRCRAFT
BOEING 707 AIRCRAFT

AIRCRAFT

AIRCRAFT-(CONT)

BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 2707 AIRCRAFT
BOLKOW AIRCRAFT
BOMBER AIRCRAFT
BOOSTGLIDE VEHICLES
BREGUET AIRCRAFT
BREGUET 940 AIRCRAFT
BREGUET 941 AIRCRAFT
BREGUET 1150 AIRCRAFT
BUCCANEER AIRCRAFT
C-1A AIRCRAFT
C-2 AIRCRAFT
C-5 AIRCRAFT
C-8A AUGMENTOR WING AIRCRAFT
C-9 AIRCRAFT
C-15 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
C-46 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-119 AIRCRAFT
C-121 AIRCRAFT
C-123 AIRCRAFT
C-124 AIRCRAFT
C-130 AIRCRAFT
C-131 AIRCRAFT
C-133 AIRCRAFT
C-135 AIRCRAFT
C-140 AIRCRAFT
C-141 AIRCRAFT
C-160 AIRCRAFT
CANADAIR AIRCRAFT
CANBERRA AIRCRAFT
CARGO AIRCRAFT
CEILING (AIRCRAFT CAPABILITY)
CESSNA AIRCRAFT
CESSNA L-19 AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 402B AIRCRAFT
CHANCE-VOUGHT AIRCRAFT
CHINESE AIRCRAFT
CL-41 AIRCRAFT
CL-44 AIRCRAFT
CL-84 AIRCRAFT
CL-600 CHALLENGER AIRCRAFT
CL-823 AIRCRAFT
COIN AIRCRAFT
COMET 4 AIRCRAFT
COMMERCIAL AIRCRAFT
COMPOUND HELICOPTERS
CONCORDE AIRCRAFT
CURTISS-WRIGHT AIRCRAFT
CV-340 AIRCRAFT
CV-440 AIRCRAFT
CV-880 AIRCRAFT
CV-990 AIRCRAFT
D-558 AIRCRAFT
DASSAULT AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
DC 8 AIRCRAFT
DC 9 AIRCRAFT
DC 10 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 112 AIRCRAFT
DH 115 AIRCRAFT
DH 121 AIRCRAFT
DH 125 AIRCRAFT
DHC 2 AIRCRAFT
DHC 4 AIRCRAFT
DHC 5 AIRCRAFT
DO-27 AIRCRAFT
DO-28 AIRCRAFT
DO-31 AIRCRAFT
DORNIER AIRCRAFT
DOUGLAS AIRCRAFT
DRONE AIRCRAFT
E 2 AIRCRAFT
E-3A AIRCRAFT
E-4A AIRCRAFT
EARTH RESOURCES SURVEY AIRCRAFT
EC-121 AIRCRAFT
ELECTRA AIRCRAFT
ELECTRONIC AIRCRAFT
EUROPEAN AIRBUS
F-2 AIRCRAFT

AIRCRAFT-(CONT)

F-4 AIRCRAFT
F-5 AIRCRAFT
F-8 AIRCRAFT
F-9 AIRCRAFT
F-14 AIRCRAFT
F-15 AIRCRAFT
F-16 AIRCRAFT
F-17 AIRCRAFT
F-18 AIRCRAFT
F-27 AIRCRAFT
F-28 TRANSPORT AIRCRAFT
F-84 AIRCRAFT
F-86 AIRCRAFT
F-89 AIRCRAFT
F-94 AIRCRAFT
F-100 AIRCRAFT
F-101 AIRCRAFT
F-102 AIRCRAFT
F-104 AIRCRAFT
F-105 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
FAIRCHILD-HILLER AIRCRAFT
FAIREY AIRCRAFT
FAN IN WING AIRCRAFT
FD 2 AIRCRAFT
FIAT AIRCRAFT
FIGHTER AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
FLIGHT TEST VEHICLES
FLYING PLATFORMS
FOKKER AIRCRAFT
FOLDING FIN AIRCRAFT ROCKET
VEHICLE
FREE WING AIRCRAFT
FV 12A AIRCRAFT
G-1 AIRCRAFT
G-91 AIRCRAFT
G-95/4 AIRCRAFT
G-222 AIRCRAFT
GA-5 AIRCRAFT
GENERAL AVIATION AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
GETOL AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
GRUMMAN AIRCRAFT
GYRODYNE AIRCRAFT
H-60 HELICOPTER
H-126 AIRCRAFT
HAMBURGER AIRCRAFT
HANDLEY PAGE AIRCRAFT
HANG GLIDERS
HARRIER AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
HEAVY LIFT HELICOPTERS
HEINKEL AIRCRAFT
HELICOPTERS
HELIO AIRCRAFT
HFB-320 AIRCRAFT
HIGHLY MANEUVERABLE AIRCRAFT
HILLER AIRCRAFT
HOVERCRAFT GROUND EFFECT
MACHINES
HP-115 AIRCRAFT
HS-748 AIRCRAFT
HS-801 AIRCRAFT
HUGHES AIRCRAFT
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
IL-14 AIRCRAFT
IL-62 AIRCRAFT
ILYUSHIN AIRCRAFT
INFLATABLE GLIDERS
JAGUAR AIRCRAFT
JET AIRCRAFT
JET AIRCRAFT NOISE
JET PROVOST AIRCRAFT
JETSTREAM AIRCRAFT
JINDIVIK TARGET AIRCRAFT
KA-6 SAILPLANES
KAMAN AIRCRAFT
KAWASAKI AIRCRAFT
L-1011 AIRCRAFT
L-2000 AIRCRAFT
LEAR JET AIRCRAFT
LIFTING REENTRY VEHICLES
LIGHT AIRCRAFT
LIGHT INTRATHEATER TRANSPORT
LIGHT TRANSPORT AIRCRAFT
LING-TEMCO-VOUGHT AIRCRAFT
LOCKHEED AIRCRAFT
LOCKHEED MODEL 18 AIRCRAFT
LOW WING AIRCRAFT
MAN POWERED AIRCRAFT

NASA THESAURUS (VOLUME 1)

AIRCRAFT-(CONT)

MARTIN AIRCRAFT
MCDONNELL AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
MERCURE AIRCRAFT
METEOROLOGICAL RESEARCH
AIRCRAFT
MH-262 AIRCRAFT
MIG AIRCRAFT
MIL AIRCRAFT
MILITARY AIR FACILITIES
MILITARY AIRCRAFT
MILITARY HELICOPTERS
MONOPLANES
MRCA AIRCRAFT
MULTIENGINE VEHICLES
NAVION AIRCRAFT
NIGHT FLIGHTS (AIRCRAFT)
NIHON AIRCRAFT
NOISE PREDICTION (AIRCRAFT)
NORD AIRCRAFT
NORD 1500 AIRCRAFT
NORTH AMERICAN AIRCRAFT
NORTHROP AIRCRAFT
NUCLEAR PROPELLED AIRCRAFT
OBSERVATION AIRCRAFT
ONBOARD EQUIPMENT
OV-1 AIRCRAFT
OV-10 AIRCRAFT
P-3 AIRCRAFT
P-51 AIRCRAFT
P-160 AIRCRAFT
P-166 AIRCRAFT
P-308 AIRCRAFT
P-1052 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
PA-34 SENECA AIRCRAFT
PANAVIA MILITARY AIRCRAFT
PASSENGER AIRCRAFT
PD-808 AIRCRAFT
PHANTOM AIRCRAFT
PIAGGIO AIRCRAFT
PIASECKI AIRCRAFT
PILOTLESS AIRCRAFT
PIPER AIRCRAFT
POTEZ AIRCRAFT
POWERED LIFT AIRCRAFT
PROPULSION
QUESTOL
RB-50 AIRCRAFT
RECONNAISSANCE AIRCRAFT
REMOTELY PILOTED VEHICLES
REPUBLIC AIRCRAFT
RESEARCH AIRCRAFT
RF-4 AIRCRAFT
RIGID ROTOR HELICOPTERS
ROCKET PLANES
ROTARY WING AIRCRAFT
ROTOR SYSTEMS RESEARCH AIRCRAFT
ROTORCRAFT AIRCRAFT
RYAN AIRCRAFT
S-2 AIRCRAFT
S-3 AIRCRAFT
SAAB AIRCRAFT
SAAB 37 AIRCRAFT
SAAB 105 AIRCRAFT
SC-1 AIRCRAFT
SC-5 AIRCRAFT
SC-7 AIRCRAFT
SCHLEICHER AIRCRAFT
SCIMITAR AIRCRAFT
SE-210 AIRCRAFT
SHORT HAUL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SIEBEL AIRCRAFT
SIKORSKY AIRCRAFT
SIKORSKY WHIRLWIND HELICOPTER
SNOW AIRCRAFT
SOLAR POWERED AIRCRAFT
SPANLOADER AIRCRAFT
SUBMERSIBLE AIRCRAFT
SUBSONIC AIRCRAFT
SUD AVIATION AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
T-2 AIRCRAFT
T-28 AIRCRAFT
T-33 AIRCRAFT
T-37 AIRCRAFT
T-38 AIRCRAFT
T-39 AIRCRAFT
TACT PROGRAM
TAILLESS AIRCRAFT
TANDEM ROTOR HELICOPTERS

AIRCRAFT-(CONT)

TANDEM WING AIRCRAFT
 TANKER AIRCRAFT
 TARGET DRONE AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TEST VEHICLES
 TILT ROTOR AIRCRAFT
 TILT ROTOR RESEARCH AIRCRAFT PROGRAM
 TILT WING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSATMOSPHERIC VEHICLES
 TRANSPORT AIRCRAFT
 TS-11 AIRCRAFT
 TSR-2 AIRCRAFT
 TU-104 AIRCRAFT
 TU-124 AIRCRAFT
 TU-134 AIRCRAFT
 TU-144 AIRCRAFT
 TU-154 AIRCRAFT
 TUPOLEV AIRCRAFT
 TURBOFAN AIRCRAFT
 TURBOPROP AIRCRAFT
 U-2 AIRCRAFT
 U-10 AIRCRAFT
 ULTRALIGHT AIRCRAFT
 UNIDENTIFIED FLYING OBJECTS
 UTILITY AIRCRAFT
 V/STOL AIRCRAFT
 VALIANT AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VATOL AIRCRAFT
 VC-10 AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 VICTOR MK-1 AIRCRAFT
 VISCOUNT AIRCRAFT
 VJ-101 AIRCRAFT
 VULCAN AIRCRAFT
 VZ-2 AIRCRAFT
 VZ-8 AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT
 WEAPONS DELIVERY
 WEATHER RECONNAISSANCE AIRCRAFT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT
 WESTLAND GROUND EFFECT MACHINES
 WESTLAND WHIRLWIND HELICOPTER
 WING NACELLE CONFIGURATIONS
 ∞ WINGED VEHICLES
 X 1 AIRCRAFT
 X-2 AIRCRAFT
 X-3 AIRCRAFT
 X-5 AIRCRAFT
 X-13 AIRCRAFT
 X 14 AIRCRAFT
 X 15 AIRCRAFT
 X 19 AIRCRAFT
 X-20 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 X 22 AIRCRAFT
 X 22A AIRCRAFT
 X 24 AIRCRAFT
 X 29 AIRCRAFT
 XC-142 AIRCRAFT
 XV-3 AIRCRAFT
 XV-4 AIRCRAFT
 XV-5 AIRCRAFT
 XV-8A AIRCRAFT
 XV 9A AIRCRAFT
 XV 11A AIRCRAFT
 XV-15 AIRCRAFT
 YAK 40 AIRCRAFT
 YC-14 AIRCRAFT
 YF-12 AIRCRAFT
 YF-16 AIRCRAFT

AIRCRAFT ACCIDENT INVESTIGATION

GS INVESTIGATION
 ACCIDENT INVESTIGATION
 AIRCRAFT ACCIDENT INVESTIGATION
 RT ∞ AIRCRAFT

AIRCRAFT ACCIDENTS

GS AIRCRAFT ACCIDENTS
 BIRD-AIRCRAFT COLLISIONS
 RT ACCIDENTS
 ∞ AIRCRAFT
 AIRCRAFT SAFETY
 COLLISIONS
 CRASH LANDING
 CRASHES
 CRASHWORTHINESS
 DITCHING (LANDING)

AIRCRAFT ACCIDENTS-(CONT)

FLIGHT HAZARDS
 FLIGHT SAFETY
 HUMAN FACTORS ENGINEERING
 MALFUNCTIONS
 MIDAIR COLLISIONS
 PILOT ERROR
 WEATHER

AIRCRAFT ANTENNAS

GS ANTENNAS
 AIRCRAFT ANTENNAS
 RT ∞ AIRCRAFT
 LOOP ANTENNAS
 MICROWAVE ANTENNAS
 MISSILE ANTENNAS
 PROTUBERANCES
 RADAR ANTENNAS
 RADIO ANTENNAS

AIRCRAFT APPROACH SPACING

GS SPACING
 AIRCRAFT APPROACH SPACING
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRBORNE RADAR APPROACH
 ∞ AIRCRAFT
 AIRCRAFT SAFETY
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 COLLISION AVOIDANCE
 FLIGHT SAFETY
 GLIDE PATHS
 GROUND BASED CONTROL
 INSTRUMENT APPROACH
 NATIONAL AIRSPACE UTILIZATION SYSTEM
 NATIONAL AVIATION SYSTEM
 VORTEX ADVISORY SYSTEM
 VORTEX AVOIDANCE

AIRCRAFT BASES

USE MILITARY AIR FACILITIES

AIRCRAFT BRAKES

GS BRAKES (FOR ARRESTING MOTION)
 AIRCRAFT BRAKES
 SPLIT FLAPS
 WING FLAPS
 LEADING EDGE SLATS
 TRAILING EDGE FLAPS
 RT AERODYNAMIC BRAKES
 ∞ AIRCRAFT
 ANTISKID DEVICES
 BALLUTES
 DRAG CHUTES
 DRAG DEVICES
 THRUST REVERSAL
 TOWED BODIES
 WHEEL BRAKES

AIRCRAFT CABINS

USE AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS

GS SURFACE VEHICLES
 AIRCRAFT CARRIERS
 WATER VEHICLES
 SHIPS
 AIRCRAFT CARRIERS
 RT ∞ AIRCRAFT
 ARRESTING GEAR
 ∞ CARRIERS
 MILITARY AIR FACILITIES
 ∞ MILITARY AIRCRAFT
 ∞ MILITARY VEHICLES
 NAVY
 NUCLEAR POWERED SHIPS

AIRCRAFT COMMUNICATION

GS COMMUNICATING
 AIRCRAFT COMMUNICATION
 TELECOMMUNICATION
 AIRCRAFT COMMUNICATION
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRBORNE EQUIPMENT
 ∞ AIRCRAFT
 APPROACH CONTROL
 AVIONICS
 GROUND-AIR-GROUND COMMUNICATION
 RADAR BEACONS
 RADIO COMMUNICATION
 WIRELESS COMMUNICATION

AIRCRAFT COMPARTMENTS

UF AIRCRAFT CABINS
 GS COMPARTMENTS
 AIRCRAFT COMPARTMENTS
 RT ∞ AIRCRAFT
 BAYS (STRUCTURAL UNITS)
 CABIN ATMOSPHERES
 ∞ CABINS
 COCKPITS
 GONDOLAS
 PRESSURIZED CABINS
 WINDSHIELDS

AIRCRAFT CONFIGURATIONS

UF FIXED-WING AIRCRAFT
 GS AIRCRAFT CONFIGURATIONS
 DROOPED AIRFOILS
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC INTERFERENCE
 ∞ AIRCRAFT
 COMPOUND HELICOPTERS
 CONTROL CONFIGURED VEHICLES
 FLARED BODIES
 ∞ FLIGHT VEHICLES
 ∞ LOW WING AIRCRAFT
 MISSILE CONFIGURATIONS
 PROPULSION SYSTEM CONFIGURATIONS
 SPACECRAFT CONFIGURATIONS
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING
 WING ROOTS

AIRCRAFT CONSTRUCTION

USE AIRCRAFT STRUCTURES

AIRCRAFT CONSTRUCTION MATERIALS

GS AIRCRAFT CONSTRUCTION MATERIALS
 AIRFRAME MATERIALS
 RT ∞ AIRCRAFT
 AIRFRAMES
 CERAMIC MATRIX COMPOSITES
 COMPOSITE MATERIALS
 ∞ CONSTRUCTION MATERIALS
 FUSELAGES
 ∞ MATERIALS
 PLASTIC AIRCRAFT STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 STRUCTURAL MEMBERS
 WINGS

AIRCRAFT CONTROL

UF FLAP CONTROL
 GS AIRCRAFT CONTROL
 HELICOPTER CONTROL
 RT ACTIVE CONTROL
 AIR START
 ∞ AIRCRAFT
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 AUTOMATIC FLIGHT CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROL SIMULATION
 CONTROL STABILITY
 CONTROL STICKS
 CONTROLLABILITY
 DAST PROGRAM
 DIRECTIONAL CONTROL
 ENGINE CONTROL
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLY BY TUBE CONTROL
 FLY BY WIRE CONTROL
 GROUND BASED CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANEUVERABILITY
 MANUAL CONTROL
 MINOR CIRCLE TURNING FLIGHT
 PILOT INDUCED OSCILLATION
 RADIO CONTROL
 REMOTE CONTROL
 STABILITY AUGMENTATION
 TURBOJET ENGINE CONTROL
 VISUAL CONTROL

AIRCRAFT DESIGN

GS AIRCRAFT DESIGN
 HELICOPTER DESIGN
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC CONFIGURATIONS
 AEROELASTIC RESEARCH WINGS
 AERONAUTICAL ENGINEERING
 AEROQUATIC VEHICLES
 ∞ AIRCRAFT

AIRCRAFT DETECTION

AIRCRAFT DESIGN-(CONT)

AIRFOILS
CHANNEL WINGS
COMPOUND HELICOPTERS
COMPUTER AIDED DESIGN
CONTROL CONFIGURED VEHICLES
DAST PROGRAM
∞ DESIGN
ENGINE AIRFRAME INTEGRATION
ENGINE DESIGN
FLIGHT TESTS
FREE WING AIRCRAFT
LOFTING
MISSILE DESIGN
PANAVIA MILITARY AIRCRAFT
PRODUCT DEVELOPMENT
ROTOR SYSTEMS RESEARCH AIRCRAFT
SHORT HAUL AIRCRAFT
STREAMLINING
STRUCTURAL DESIGN
SYSTEMS ENGINEERING
TERMINAL CONFIGURED VEHICLE PROGRAM
TRANSATMOSPHERIC VEHICLES
TU-154 AIRCRAFT
VORTEX SHEETS
WEIGHT REDUCTION
YF-12 AIRCRAFT

AIRCRAFT DETECTION

GS DETECTION
AIRCRAFT DETECTION

RT ∞ AIRCRAFT
∞ DETECTORS
IFF SYSTEMS (IDENTIFICATION)
INFRARED SUPPRESSION
TRACKING (POSITION)

AIRCRAFT ENERGY EFFICIENCY PROGRAM

USE ACEE PROGRAM

AIRCRAFT ENGINES

UF AIRCRAFT POWER SOURCES
GS AIRCRAFT ENGINES
HELICOPTER ENGINES
J-52 ENGINE
J-58 ENGINE
J-97 ENGINE
T-34 ENGINE
T-38 ENGINE
T-55 ENGINE
T-63 ENGINE
T-76 ENGINE
T-78 ENGINE
TF-30 ENGINE
TF-34 ENGINE
TF-41 ENGINE
VARIABLE CYCLE ENGINES
VARIABLE STREAM CONTROL ENGINES
RT ACEE PROGRAM
AIR START
∞ AIRCRAFT
ENGINE AIRFRAME INTEGRATION
GAS TURBINE ENGINES
HYDROGEN ENGINES
INFRARED SUPPRESSION
INTERNAL COMBUSTION ENGINES
JET ENGINES
JET PROPULSION
LASER PROPULSION
NUCLEAR PROPULSION
PISTON ENGINES
∞ POWER SUPPLIES
QUIET ENGINE PROGRAM
ROCKET ENGINES
ROTARY ENGINES
T-58 ENGINE
T-58-GE-8B ENGINE
TOPPING CYCLE ENGINES
TURBINE ENGINES
WANKEL ENGINES

AIRCRAFT EQUIPMENT

GS ONBOARD EQUIPMENT
AIRCRAFT EQUIPMENT
BOMBING EQUIPMENT
FLYING EJECTION SEATS
TERCOM
RT AIRBORNE EQUIPMENT
∞ AIRCRAFT
AIRCRAFT POWER SUPPLIES
AUTOMATIC LANDING CONTROL
AUTOMATIC PILOTS
AVIONICS
COMMONALITY

AIRCRAFT EQUIPMENT-(CONT)

DISPLAY DEVICES
∞ EQUIPMENT
FLIGHT INSTRUMENTS
LANDING AIDS
LANDING INSTRUMENTS
LIGHT AIRBORNE MULTIPURPOSE SYSTEM
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
RADIO DIRECTION FINDERS

AIRCRAFT FUEL SYSTEMS

GS FUEL SYSTEMS
AIRCRAFT FUEL SYSTEMS
RT ∞ AIRCRAFT
FUEL PUMPS
FUEL TANK PRESSURIZATION
FUEL TANKS
FUEL VALVES
∞ SYSTEMS

AIRCRAFT FUELS

GS FUELS
CHEMICAL FUELS
LIQUID FUELS
AIRCRAFT FUELS
RT ∞ AIRCRAFT
ANTIMISTING FUELS
AUTOMOBILE FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
LIQUID ROCKET PROPELLANTS
MONOPROPELLANTS
SLURRY PROPELLANTS
SOLID PROPELLANTS
TANKER AIRCRAFT

AIRCRAFT GUIDANCE

GS GUIDANCE (MOTION)
AIRCRAFT GUIDANCE
RT AIR TRAFFIC CONTROL
∞ AIRCRAFT
APPROACH CONTROL
AUTOMATED EN ROUTE ATC
COLLISION AVOIDANCE
∞ INDICATORS
INSTRUMENT LANDING SYSTEMS
RADAR APPROACH CONTROL
RADAR NAVIGATION
RADARSCOPES
RADIO NAVIGATION

AIRCRAFT HAZARDS

GS HAZARDS
AIRCRAFT HAZARDS
RT AIR TRAFFIC
∞ AIRCRAFT
BIRD-AIRCRAFT COLLISIONS
BIRDS
COLLISIONS
CRASH LANDING
CRASHES
FLIGHT HAZARDS
FLIGHT SAFETY
FOREIGN BODIES
HUMAN FACTORS ENGINEERING
MALFUNCTIONS
MIDAIR COLLISIONS
NOISE (SOUND)
OPERATIONAL HAZARDS
REFUELING
THREAT EVALUATION
TOXIC HAZARDS
WEATHER

AIRCRAFT HYDRAULIC SYSTEMS

GS HYDRAULIC EQUIPMENT
AIRCRAFT HYDRAULIC SYSTEMS
RT ACTUATORS
∞ AIRCRAFT
SERVOCONTROL
SERVOMECHANISMS
∞ SYSTEMS

AIRCRAFT INDUSTRY

GS INDUSTRIES
AEROSPACE INDUSTRY
AIRCRAFT INDUSTRY
RT AERONAUTICAL ENGINEERING
∞ AIRCRAFT
AIRCRAFT PRODUCTION COSTS

AIRCRAFT INSTRUMENTS

GS AIRCRAFT INSTRUMENTS

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AIRCRAFT INSTRUMENTS-(CONT)

ALTIMETERS
RADIO ALTIMETERS
APPROACH INDICATORS
ATTITUDE INDICATORS
GYRO HORIZONS
AUTOMATIC PILOTS
COMPASSES
GYROCOMPASSES
MAGNETIC COMPASSES
SOLAR COMPASSES
FLIGHT RECORDERS
POSITION INDICATORS
PLAN POSITION INDICATORS
RADIO DIRECTION FINDERS
SPACECRAFT POSITION INDICATORS
RATE OF CLIMB INDICATORS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
RT AIRBORNE SURVEILLANCE RADAR
AUTOMATIC FLIGHT CONTROL
AVIONICS
DISPLAY DEVICES
FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLIGHT PATHS
FLIGHT TEST INSTRUMENTS
INDICATING INSTRUMENTS
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
∞ INSTRUMENTS
I2S CAMERAS
LANDING AIDS
LANDING INSTRUMENTS
LIGHT EMITTING DIODES
∞ MEASUREMENT
MEASURING INSTRUMENTS
MONITORS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
RADAR
RECORDING INSTRUMENTS

AIRCRAFT LANDING

GS LANDING
AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
SKID LANDINGS
RT AIR CUSHION LANDING SYSTEMS
∞ AIRCRAFT
ALL-WEATHER LANDING SYSTEMS
BLIND LANDING
CEILINGS (METEOROLOGY)
CONTROLLABILITY
CRASHWORTHINESS
GLIDE LANDINGS
HARD LANDING
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
LANDING MATS
LANDING RADAR
LOW VISIBILITY
MICROWAVE LANDING SYSTEMS
RUNWAY ALIGNMENT
SOFT LANDING
SPACECRAFT LANDING
TAKEOFF
TOUCHDOWN
VERTICAL LANDING
VORTEX AVOIDANCE
WATER LANDING

AIRCRAFT LAUNCHING DEVICES

UF TAKEOFF SYSTEMS
GS LAUNCHERS
AIRCRAFT LAUNCHING DEVICES
JATO ENGINES
RT CATAPULTS

AIRCRAFT LIGHTS

GS LIGHTING EQUIPMENT
AIRCRAFT LIGHTS
RT ∞ AIRCRAFT
BEACONS

AIRCRAFT MAINTENANCE

GS MAINTENANCE
AIRCRAFT MAINTENANCE
RT ∞ AIRCRAFT
CHECKOUT

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AIRCRAFT STRUCTURES

AIRCRAFT MAINTENANCE-(CONT)

FLIGHT OPERATIONS
GROUND SUPPORT EQUIPMENT
LOGISTICS

AIRCRAFT MANEUVERS

GS MANEUVERS
RT ∞ AIRCRAFT
APPROACH CONTROL
FLIGHT CHARACTERISTICS
FLIGHT PATHS
HIGHLY MANEUVERABLE AIRCRAFT
MANEUVERABILITY
OBSTACLE AVOIDANCE
TRAJECTORY OPTIMIZATION
TURNING FLIGHT

AIRCRAFT MODELS

GS MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS
MATHEMATICAL MODELS
POWERED MODELS
SCALE MODELS
SEMISPAN MODELS
SPACECRAFT MODELS
WIND TUNNEL MODELS

AIRCRAFT NOISE

GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)
AIRCRAFT NOISE
JET AIRCRAFT NOISE
SONIC BOOMS
RT ACOUSTIC RETROFITTING
AEROACOUSTICS
AERODYNAMIC NOISE
 ∞ AIRCRAFT
BLADE SLAP NOISE
COAXIAL NOZZLES
ENGINE NOISE
FOOTPRINTS
JET AIRCRAFT
MUFFLERS
NOISE INTENSITY
NOISE MEASUREMENT
NOISE PREDICTION (AIRCRAFT)
NOISE REDUCTION
SYNCHROPHASING

AIRCRAFT NOISE PREDICTION

USE NOISE PREDICTION (AIRCRAFT)

AIRCRAFT PARTS

RT ∞ AIRCRAFT
AIRFOILS
AIRFRAMES
CHANNEL WINGS
CONTROL SURFACES
FUSELAGES
LANDING GEAR
OBLIQUE WINGS
PROTUBERANCES
SWING TAIL ASSEMBLIES
SWING WINGS
TAIL ASSEMBLIES
WINGS

AIRCRAFT PERFORMANCE

GS AIRCRAFT PERFORMANCE
HELICOPTER PERFORMANCE
RT AERODYNAMIC STALLING
 ∞ AIRCRAFT
AIRCRAFT SPIN
AIRSPEED
CONTROLLABILITY
DISTANCE
FLIGHT CHARACTERISTICS
MANEUVERABILITY
MINIMUM DRAG
PAYLOADS
 ∞ PERFORMANCE
PILOT PERFORMANCE
SPECIFICATIONS
TAKEOFF RUNS

AIRCRAFT PILOTS

UF AVIATORS
COPILOTS
JET PILOTS
GS PERSONNEL
FLYING PERSONNEL
PILOTS (PERSONNEL)

AIRCRAFT PILOTS-(CONT)

AIRCRAFT PILOTS
TEST PILOTS
OPERATORS (PERSONNEL)
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
RT ∞ AIRCRAFT
AVIATION PSYCHOLOGY
FLIGHT CREWS
 ∞ PILOTS

AIRCRAFT POWER SOURCES

USE AIRCRAFT ENGINES

AIRCRAFT POWER SUPPLIES

GS ELECTRIC POWER SUPPLIES
AIRCRAFT POWER SUPPLIES
RT AIRCRAFT EQUIPMENT
AUXILIARY POWER SOURCES
ELECTRIC GENERATORS
 ∞ POWER SUPPLIES

AIRCRAFT PRODUCTION

UF FUSELAGE MOUNTING
RT ∞ AIRCRAFT
COSTS
EQUIPMENT SPECIFICATIONS
PRODUCT DEVELOPMENT
 ∞ PRODUCTION
PRODUCTION ENGINEERING

AIRCRAFT PRODUCTION COSTS

GS COSTS
AIRCRAFT PRODUCTION COSTS
PRODUCTION COSTS
RT ∞ AIRCRAFT
AIRCRAFT INDUSTRY
COST ESTIMATES
EFFICIENCY
 ∞ ENGINEERING
FINANCIAL MANAGEMENT
INDUSTRIES
MANUFACTURING
PRODUCTION ENGINEERING
PRODUCTION MANAGEMENT
PRODUCTIVITY

AIRCRAFT RELIABILITY

UF AIRWORTHINESS
AIRWORTHINESS REQUIREMENTS
GS RELIABILITY
AIRCRAFT RELIABILITY
RT ∞ AIRCRAFT
CERTIFICATION
CIRCUIT RELIABILITY
COMPONENT RELIABILITY
HELICOPTER PERFORMANCE
QUALITY CONTROL
STRUCTURAL RELIABILITY
VULNERABILITY

AIRCRAFT RUNUP

GS PREFLIGHT OPERATIONS
AIRCRAFT RUNUP
RT ∞ AIRCRAFT
ENGINE NOISE
ENGINE TESTS
GROUND TESTS
JET AIRCRAFT NOISE

AIRCRAFT SAFETY

GS SAFETY
AIRCRAFT SAFETY
RT ABORT APPARATUS
AEROSPACE SAFETY
AIR PIRACY
AIR TRAFFIC CONTROL
 ∞ AIRCRAFT
AIRCRAFT ACCIDENTS
AIRCRAFT APPROACH SPACING
AIRCRAFT SPIN
ALL-WEATHER LANDING SYSTEMS
ARRESTING GEAR
BEACON COLLISION AVOIDANCE
SYSTEM
COLLISION AVOIDANCE
COLLISIONS
CRASH LANDING
CRASHES
CRASHWORTHINESS
EJECTION SEATS
FLIGHT HAZARDS
FLIGHT SAFETY

AIRCRAFT SAFETY-(CONT)

FLYING EJECTION SEATS
LANDING AIDS
LANDING RADAR
MICROWAVE LANDING SYSTEMS
MIDAIR COLLISIONS
NATIONAL AIRSPACE SYSTEM
NAVIGATION AIDS
SAFETY DEVICES
SOLAR COMPASSES
THREAT EVALUATION
WEATHER
WHEEL BRAKES

AIRCRAFT SPECIFICATIONS

GS SPECIFICATIONS
AIRCRAFT SPECIFICATIONS
RT ∞ AIRCRAFT
AIRSPEED
CEILING (AIRCRAFT CAPABILITY)
CONTROLLABILITY
DISTANCE
FLIGHT CHARACTERISTICS
PAYLOADS

AIRCRAFT SPIN

RT AERODYNAMIC STALLING
 ∞ AIRCRAFT
AIRCRAFT PERFORMANCE
AIRCRAFT SAFETY
CONTROL STABILITY
CONTROLLABILITY
CRASH LANDING
FLIGHT HAZARDS
FLIGHT SAFETY
HAZARDS
MANEUVERS
SPIN DYNAMICS

AIRCRAFT STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
 ∞ AIRCRAFT
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
CONTROLLABILITY
COUNTERBALANCES
DIRECTIONAL STABILITY
HORIZONTAL FLIGHT
LATERAL STABILITY
LIQUID SLOSHING
LONGITUDINAL STABILITY
LOW SPEED STABILITY
PILOT INDUCED OSCILLATION
STATIC STABILITY
STRUCTURAL STABILITY
TURNING FLIGHT
UPPER SURFACE BLOWN FLAPS
WIND TUNNEL STABILITY TESTS

AIRCRAFT STRUCTURES

UF AIRCRAFT CONSTRUCTION
GS AIRCRAFT STRUCTURES
AFTERBODIES
AIRFRAMES
CENTERBODIES
FOREBODIES
NOSES (FOREBODIES)
FUSELAGES
PLASTIC AIRCRAFT STRUCTURES
RT AERODYNAMIC INTERFERENCE
AEROELASTICITY
 ∞ AIRCRAFT
AIRFOILS
BORON-EPOXY COMPOUNDS
CANARD CONFIGURATIONS
CANOPIES
CHANNEL WINGS
CONTROL SURFACES
FAIRINGS
HULLS (STRUCTURES)
LEADING EDGE FLAPS
OBLIQUE WINGS
PYLON MOUNTING

AIRCRAFT SURVIVABILITY

AIRCRAFT STRUCTURES-(CONT)

- SHELLS (STRUCTURAL FORMS)
- SPACECRAFT STRUCTURES
- STREAMLINING
- ∞ STRUCTURES
- SWING TAIL ASSEMBLIES
- SWING WINGS
- TAIL ASSEMBLIES
- WINGS

AIRCRAFT SURVIVABILITY

- RT ∞ AIRCRAFT
- COMBAT
- ∞ CONSTRUCTION MATERIALS
- DURABILITY
- FLIGHT CONTROL
- HELICOPTERS
- LIFE (DURABILITY)
- ∞ MILITARY AIRCRAFT
- PLASTIC AIRCRAFT STRUCTURES
- REINFORCED PLASTICS
- RELIABILITY
- SPACECRAFT SURVIVABILITY
- SURVIVAL
- SURVIVAL EQUIPMENT
- VULNERABILITY

AIRCRAFT TIRES

- GS TIRES
- RT ∞ AIRCRAFT TIRES
- LANDING GEAR
- VEHICLE WHEELS

AIRCRAFT WAKES

- GS WAKES
- AIRCRAFT WAKES
- HELICOPTER WAKES
- SLIPSTREAMS
- PROPELLER SLIPSTREAMS
- RT ∞ AIRCRAFT
- HYPERSONIC WAKES
- LAMINAR WAKES
- SUPERSONIC WAKES
- TURBULENT WAKES
- VORTEX ADVISORY SYSTEM
- VORTEX ALLEVIATION

AIRCROWS

- USE FLIGHT CREWS

AIRDROPS

- RT AIR CARGO
- CARGO
- DELIVERY
- DRAW CHUTES
- PARACHUTES

AIRFIELD SURFACE MOVEMENTS

- RT AIR CARGO
- AIRPORTS
- HANGARS
- MATERIALS HANDLING
- MOBILE LOUNGES
- RUNWAYS
- ∞ SURFACES
- TAXIING

AIRFIELDS

- USE AIRPORTS

AIRFOIL CHARACTERISTICS

- USE AIRFOILS

AIRFOIL FENCES

- GS AIRFOILS
- AIRFOIL FENCES
- RT BOUNDARY LAYER CONTROL
- ∞ FENCES
- VORTEX GENERATORS
- WINGS

AIRFOIL PROFILES

- UF AERODYNAMIC CHORDS
- AIRFOIL SECTIONS
- AIRFOIL THICKNESS
- CLARK Y AIRFOIL
- GS AIRFOIL PROFILES
- WING PROFILES
- WING SPAN
- RT AERODYNAMIC INTERFERENCE
- AIRFOILS
- BLADE TIPS
- ∞ CROSS SECTIONS

AIRFOIL PROFILES-(CONT)

- JOUKOWSKI TRANSFORMATION
- KUTTA-JOUKOWSKI CONDITION
- LIGHTHILL METHOD
- NOSE TIPS
- ∞ PROFILES
- STREAMLINING
- SUPERCritical AIRFOILS
- THEODORSEN TRANSFORMATION
- THICKNESS
- THICKNESS RATIO
- THIN AIRFOILS
- THIN WINGS
- TIPS
- WEDGES
- WING TIPS

AIRFOIL SECTIONS

- USE AIRFOIL PROFILES

AIRFOIL THICKNESS

- USE AIRFOIL PROFILES

AIRFOILS

- UF AIRFOIL CHARACTERISTICS
- GS AIRFOILS
- AERIAL RUDDERS
- AILERONS
- FLAPERONS
- SPOILER SLOT AILERONS
- AIRFOIL FENCES
- CIRCULATION CONTROL AIRFOILS
- DROOPED AIRFOILS
- ELEVATORS (CONTROL SURFACES)
- ELEVONS
- FLAPS (CONTROL SURFACES)
- EXTERNALLY BLOWN FLAPS
- UPPER SURFACE BLOWN FLAPS
- FLAPERONS
- JET FLAPS
- SPLIT FLAPS
- WING FLAPS
- LEADING EDGE SLATS
- TRAILING EDGE FLAPS
- VORTEX FLAPS
- HORIZONTAL TAIL SURFACES
- LAMINAR FLOW AIRFOILS
- PROPELLER BLADES
- SPOILERS
- SUPERCritical AIRFOILS
- SUPERCritical WINGS
- SUPERSONIC AIRFOILS
- TABS (CONTROL SURFACES)
- THIN AIRFOILS
- THIN WINGS
- INFINITE SPAN WINGS
- WINGS
- AEROELASTIC RESEARCH WINGS
- CAMBERED WINGS
- CARET WINGS
- CHANNEL WINGS
- CRUCIFORM WINGS
- FIXED WINGS
- FLEXIBLE WINGS
- PARAWINGS
- GAW-1 AIRFOIL
- GAW-2 AIRFOIL
- LOW ASPECT RATIO WINGS
- DELTA WINGS
- TRAPEZOIDAL WINGS
- OBLIQUE WINGS
- RIGID WINGS
- ROTARY WINGS
- LIFTING ROTORS
- BEARINGLESS ROTORS
- RIGID ROTORS
- TILTING ROTORS
- TIP DRIVEN ROTORS
- SLENDER WINGS
- INFINITE SPAN WINGS
- SUPERCritical WINGS
- SWEPT WINGS
- SWEPT FORWARD WINGS
- TRAPEZOIDAL WINGS
- SWEPTBACK WINGS
- ARROW WINGS
- DELTA WINGS
- TRAPEZOIDAL WINGS
- SWING WINGS
- THIN WINGS
- INFINITE SPAN WINGS
- TWISTED WINGS
- UNCAMBERED WINGS
- RING WINGS
- UNSWEPT WINGS

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AIRFOILS-(CONT)

- INFINITE SPAN WINGS
- RECTANGULAR WINGS
- RING WINGS
- VARIABLE SWEEP WINGS
- RT AERODYNAMIC CONFIGURATIONS
- AERODYNAMICS
- AIRCRAFT DESIGN
- AIRCRAFT PARTS
- AIRCRAFT STRUCTURES
- AIRFOIL PROFILES
- ASPECT RATIO
- ∞ BLADES
- BLUNT LEADING EDGES
- BLUNT TRAILING EDGES
- BODY-WING CONFIGURATIONS
- CAMBER
- CONTROL SURFACES
- DEICERS
- DEICING
- FINS
- ∞ FOILS
- FOILS (MATERIALS)
- GUIDE VANES
- HYDROFOILS
- INTERACTIONAL AERODYNAMICS
- JET VANES
- LEADING EDGE FLAPS
- LEADING EDGE THRUST
- LEADING EDGES
- LIFT
- LIFTING BODIES
- LIGHTHILL METHOD
- MONOPLANES
- ROTOR BLADES (TURBOMACHINERY)
- ROTORS
- RUDDERS
- STABILIZERS (FLUID DYNAMICS)
- STREAMLINED BODIES
- STREAMLINING
- TAIL ASSEMBLIES
- THICKNESS RATIO
- TRAILING EDGES
- TURBOMACHINE BLADES
- VANES
- WEDGES

AIRFRAME MATERIALS

- GS AIRCRAFT CONSTRUCTION MATERIALS
- AIRFRAME MATERIALS
- RT AIRFRAMES
- COMPOSITE MATERIALS
- ∞ CONSTRUCTION MATERIALS
- GLASS FIBER REINFORCED PLASTICS
- ∞ MATERIALS
- STRUCTURAL DESIGN
- STRUCTURAL MEMBERS

AIRFRAMES

- GS AIRCRAFT STRUCTURES
- AIRFRAMES
- FRAMES
- AIRFRAMES
- RT AIRCRAFT CONSTRUCTION MATERIALS
- AIRCRAFT PARTS
- AIRFRAME MATERIALS
- BAYS (STRUCTURAL UNITS)
- CANOPIES
- CONTROL SURFACES
- ENGINE AIRFRAME INTEGRATION
- FINS
- FUSELAGES
- LANDING GEAR
- MISSILE BODIES
- MISSILE STRUCTURES
- NACELLES
- PROTUBERANCES
- TAIL ASSEMBLIES
- WING NACELLE CONFIGURATIONS
- WINGS

AIRGEEP AIRCRAFT

- USE VZ-8 AIRCRAFT

AIRGLOW

- UF ATMOSPHERIC EMISSION
- GS ATMOSPHERIC RADIATION
- SKY RADIATION
- AIRGLOW
- GEOCORONAL EMISSIONS
- NIGHTGLOW
- TWILIGHT GLOW
- ELECTROMAGNETIC RADIATION
- LIGHT (VISIBLE RADIATION)
- SKY RADIATION

AIRGLOW-(CONT)**AIRGLOW**

GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW

RT AERONOMY
ATMOSPHERIC IONIZATION
AURORAS
CHEMILUMINESCENCE
EARTH ATMOSPHERE
EMISSION
FABRY-PEROT SPECTROMETERS
LIGHT EMISSION
NIGHT SKY
OXYGEN SPECTRA
RADIATIVE RECOMBINATION
RAYLEIGH SCATTERING
SKY BRIGHTNESS

AIRLINE OPERATIONS

RT AIR CARGO
AIR TRAFFIC
CIVIL AVIATION
COMMERCIAL AIRCRAFT
OPERATING COSTS
∞ OPERATIONS
PASSENGERS
SHORT HAUL AIRCRAFT

AIRLOCK MODULES

GS MODULES
AIRLOCK MODULES
RT AIR LOCKS
APOLLO APPLICATIONS PROGRAM
MULTIPLE DOCKING ADAPTERS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB PROGRAM
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING MODULES

AIRPORT BEACONS

GS LANDING AIDS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
NAVIGATION AIDS
BEACONS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RT RADIO BEACONS
SOLAR COMPASSES

AIRPORT LIGHTS

GS LANDING AIDS
AIRPORT LIGHTS
RUNWAY LIGHTS
LIGHTING EQUIPMENT
LUMINAIRES
AIRPORT LIGHTS
RUNWAY LIGHTS
RT SEARCHLIGHTS

AIRPORT PLANNING

GS PLANNING
AIRPORT PLANNING
RT GROUND SUPPORT EQUIPMENT
HELIPORTS
LAND USE
SITES

AIRPORT SECURITY

GS SECURITY
AIRPORT SECURITY
RT AIR PIRACY
AIRPORTS
PROTECTION
VULNERABILITY

AIRPORT SURFACE DETECTION EQUIPMENT

UF ASDE
RT AIR TRAFFIC CONTROL
∞ EQUIPMENT
GROUND BASED CONTROL
RADAR EQUIPMENT
SEARCH RADAR
∞ SURFACES
SURVEILLANCE RADAR

AIRPORT TOWERS

GS TOWERS
AIRPORT TOWERS
RT AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROLLERS
(PERSONNEL)
AIRPORTS
GROUND BASED CONTROL
HELIPORTS
LANDING AIDS
TRAFFIC CONTROL

AIRPORTS

UF AIRFIELDS
GS **AIRPORTS**
HELIPORTS
RT ∞ AERONAUTICS
AIR TRAFFIC CONTROL
AIRFIELD SURFACE MOVEMENTS
AIRPORT SECURITY
AIRPORT TOWERS
∞ FACILITIES
HANGARS
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
LANDING MATS
MILITARY AIR FACILITIES
MOBILE LOUNGES
MOORING
NATIONAL AIRSPACE SYSTEM
NAVIGATION AIDS
∞ PORTS
RUNWAYS
SITE SELECTION
∞ STRIP

AIRS (RECONNAISSANCE SYS)

USE AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM

AIRSHIPS

UF AEROSTATS
DIRIGIBLES
GS **AIRSHIPS**
HEAVY LIFT AIRSHIPS
RT ∞ AIRCRAFT
BALLOONS
GONDOLAS
INFLATABLE STRUCTURES
∞ MILITARY AIRCRAFT

AIRSPACE

RT AIR LAW
AIR TRAFFIC
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
BOUNDARIES
COLLISION AVOIDANCE
FLIGHT PATHS
NATIONAL AIRSPACE SYSTEM
NATIONAL AIRSPACE UTILIZATION
SYSTEM

AIRSPEED

GS RATES (PER TIME)
AIRSPEED
VELOCITY
AIRSPEED
RT AERODYNAMIC STALLING
AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
BOUNDARY LAYER SEPARATION
FLIGHT CHARACTERISTICS
GROUND SPEED
HIGH SPEED
LOW SPEED
MACH NUMBER
WIND VELOCITY

AIRWORTHINESS

USE AIRCRAFT RELIABILITY

AIRWORTHINESS REQUIREMENTS

USE AIRCRAFT RELIABILITY

AIRY FUNCTION

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
AIRY FUNCTION
FUNCTIONS (MATHEMATICS)
AIRY FUNCTION
RT CYLINDRICAL BODIES
DIFFERENTIAL EQUATIONS
ELASTIC PROPERTIES
HARMONIC FUNCTIONS

AIRY FUNCTION-(CONT)

POISSON RATIO
STRESS ANALYSIS

AITKEN NUCLEI

GS CONDENSATION NUCLEI
AITKEN NUCLEI
RT AEROSOLS
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC COMPOSITION
CLOUD PHYSICS
COAGULATION
CONDENSATES
CRYSTAL GROWTH
DUST
ICE NUCLEI
NUCLEATION
∞ NUCLEI
SUPERCOOLING

AJ-10 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
AJ-10 ENGINE
LIQUID PROPELLANT ROCKET
ENGINES
AJ-10 ENGINE
RT TARTAR MISSILE

AJ-1000 ENGINE

USE M-1 ENGINE

AKERMANITE

GS CALCIUM COMPOUNDS
CALCIUM CARBONATES
AKERMANITE
CALCIUM OXIDES
AKERMANITE
CARBON COMPOUNDS
CARBONATES
CALCIUM CARBONATES
AKERMANITE
CHALCOGENIDES
AKERMANITE
MAGNESIUM COMPOUNDS
AKERMANITE
MINERALS
GEHLENITE
AKERMANITE
RT SILICATES
SILICON COMPOUNDS
SILICON OXIDES

ALABAMA

GS NATIONS
UNITED STATES
ALABAMA
RT GULF OF MEXICO
TENNESSEE VALLEY (AL-KY-TN)

ALADIN 2 AIRCRAFT

GS TRANSPORT AIRCRAFT
ALADIN 2 AIRCRAFT
RT ∞ AIRCRAFT

ALAIS METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
CARBONACEOUS METEORITES
ALAIS METEORITE

ALANINE

GS ACIDS
AMINO ACIDS
ALANINE
PHENYLALANINE
ORGANIC COMPOUNDS
AMINO ACIDS
ALANINE
PHENYLALANINE
RT PROTEINS

ALARM PROJECT

UF AUTOMATIC LIGHT AIRCRAFT
READINESS MONITOR
GS PROGRAMS
PROJECTS
ALARM PROJECT
RT MONITORS

ALARMS

ALARMS
USE WARNING SYSTEMS

ALASKA
GS NATIONS
UNITED STATES
ALASKA
RT ALEUTIAN ISLANDS (US)
BEAUFORT SEA (NORTH AMERICA)
CHENA RIVER BASIN (AK)
COOK INLET (AK)
GULF OF ALASKA
PRINCE WILLIAM SOUND (AK)
WRANGELL MOUNTAINS (AK)

ALBANIA
GS NATIONS
ALBANIA
RT EUROPE

ALBEDO
GS **ALBEDO**
COSMIC RAY ALBEDO
EARTH ALBEDO
LUNAR ALBEDO
RT ABSORPTANCE
COSMIC RAYS
EARTH RADIATION BUDGET
EXPERIMENT
OPTICAL PROPERTIES
PLANETARY RADIATION
REFLECTANCE
SOLAR RADIATION
SURFACE PROPERTIES

ALBERTA
GS NATIONS
CANADA
ALBERTA

ALBINISM
GS DISEASES
ALBINISM
RT PIGMENTS
SKIN (ANATOMY)

ALBUMINS
GS PROTEINS
ALBUMINS
RT ELASTIN

ALCOHOLS
GS HYDROXYL COMPOUNDS
ALCOHOLS
ETHYL ALCOHOL
GLYCOLS
ISOPROPYL ALCOHOL
METHYL ALCOHOLS
PHENOLS
BISPHENOLS
CRESOLS
PHLOROGLUCINOL
THYMOL
POLYVINYL ALCOHOL
TRIOLS
CYANURIC ACID
RT ALIPHATIC COMPOUNDS
CARBOHYDRATES
GASOHOL (FUEL)
GLYCEROLS
HYDROXYL RADICALS
METHOXY SYSTEMS
THIOLS

ALDEHYDES
GS **ALDEHYDES**
ACETALDEHYDE
ACROLEINS
CHLORAL
FORMALDEHYDE
RT ACETYL COMPOUNDS
ALIPHATIC COMPOUNDS
FURFURYL ALCOHOL
RETINENE

ALDOLASE
GS ENZYMES
ALDOLASE
RT MUSCLES

ALDOSTERONE
GS STEROIDS
CORTICOSTEROIDS
ALDOSTERONE

ALDOSTERONE-(CONT)
RT ADRENAL METABOLISM

ALERTNESS
RT AROUSAL
ATTENTION
WAKEFULNESS

ALEUTIAN ISLANDS (US)
GS LANDFORMS
ISLANDS
ALEUTIAN ISLANDS (US)
RT ALASKA
ARCHIPELAGOES
ISLAND ARCS
UNITED STATES

ALFALFA
GS FARM CROPS
ALFALFA
PLANTS (BOTANY)
ALFALFA
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
CURING
EARTH RESOURCES
∞ FOOD
GRASSES
IRRIGATION
SEEDS

ALFVEN WAVES
USE MAGNETOHYDRODYNAMIC WAVES

ALGAAS
USE ALUMINUM GALLIUM ARSENIDES

ALGAE
UF ALGAL BLOOM
GS **ALGAE**
ANABAENA
BLUE GREEN ALGAE
NOSTOC
CHLORELLA
DUNALIELLA
MICROCYSTIS
PORPHYRA
SCENEDESMUS
RT BIOCHEMICAL OXYGEN DEMAND
BIOCONVERSION
CHLOROPHYLLS
EUGLENA
LICHENS
MARINE BIOLOGY
PHOTOSYNTHESIS
PLANKTON
THERMOPHILES
THERMOPHILIC PLANTS
WATER POLLUTION

ALGAL BLOOM
USE ALGAE

ALGEBRA
GS **ALGEBRA**
BINOMIAL THEOREM
CURRENT ALGEBRA
DETERMINANTS
GROUP THEORY
HOMOMORPHISMS
AUTOMORPHISMS
MONOIDS
SUBGROUPS
LIE GROUPS
SPINOR GROUPS
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
LINEAR TRANSFORMATIONS
NONLINEAR EQUATIONS
CUBIC EQUATIONS
DUFFING DIFFERENTIAL EQUATION
MONGE-AMPERE EQUATION
NONLINEAR EVOLUTION EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
POLYNOMIALS
BINOMIALS
DYADICS
HERMITIAN POLYNOMIAL
TENSORS
STRESS TENSORS

NASA THESAURUS (VOLUME 1)

ALGEBRA-(CONT)
VECTOR SPACES
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
MATRICES (MATHEMATICS)
ADJOINTS
CANONICAL FORMS
EIGENVALUES
EIGENVECTORS
JORDAN FORM
STIFFNESS MATRIX
STOKES THEOREM (VECTOR
CALCULUS)
U SPIN SPACE
VECTORS (MATHEMATICS)
EIGENVECTORS
STATE VECTORS
VORTICITY
RT ANALYSIS (MATHEMATICS)
∞ ANALYZING
BOOLEAN ALGEBRA
COORDINATES
FUNCTIONS (MATHEMATICS)
HOMOTROPY
∞ MATHEMATICS
SCHWARTZ INEQUALITY
∞ SCIENCE
SEMIEMPIRICAL EQUATIONS
∞ SPACE
SUMS
UNIQUENESS THEOREM

ALGERIA
GS NATIONS
ALGERIA
RT AFRICA

ALGOL
GS LANGUAGES
PROGRAMMING LANGUAGES
ALGOL
RT COMPUTER PROGRAMMING
MACHINE ORIENTED LANGUAGES

ALGOL ENGINE
GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
ALGOL ENGINE
SOLID PROPELLANT ROCKET
ENGINES
ALGOL ENGINE
RT BLUE SCOUT ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SCOUT LAUNCH VEHICLE

ALGORITHMS
GS MATHEMATICAL LOGIC
ALGORITHMS
PARSING ALGORITHMS
SIMPLEX METHOD
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTERIZED SIMULATION
CONJUGATE GRADIENT METHOD
DATA CONVERSION ROUTINES
DIFFERENTIAL ANALYZERS
FACTORIZATION
FUZZY SETS
FUZZY SYSTEMS
HESSIAN MATRICES
MEAN SQUARE VALUES
NUMERICAL ANALYSIS
NUMERICAL DIFFERENTIATION
PARAMETERIZATION
ROBUSTNESS (MATHEMATICS)
STATE ESTIMATION

ALIGNMENT
GS **ALIGNMENT**
SELF ALIGNMENT
RT ADJUSTING
BEARING (DIRECTION)
CLEARANCES
COLLIMATION
CORRECTION
DIRECTIVITY
FITTING
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
LOOK ANGLES (ELECTRONICS)
∞ ORIENTATION
PLY ORIENTATION

ALIGNMENT-(CONT)

POLARIZATION (SPIN ALIGNMENT)
POSITIONING
VERTICAL ORIENTATION

ALIPHATIC COMPOUNDS

GS ALIPHATIC COMPOUNDS
ACETALDEHYDE
ACETALS
ACETYL COMPOUNDS
ACROLEINS
ACRYLATES
ACRYLIC ACID
ACRYLONITRILES
ALKANES
BUTANES
CETANE
ETHANE
HEPTANES
HEXENES
METHANE
NITROPROPANE
NONANES
OCTANES
PARAFFINS
CERESIN
PENTANES
NEOPENTANE
PROPANE
ALKENES
BUTADIENE
BUTENES
ETHYLENE
VINYLIDENE
HEXENES
PROPYLENE
TRIENES
ALKYL COMPOUNDS
ALKYLIDENE
CETYL COMPOUNDS
DIBUTYL COMPOUNDS
HEXYL COMPOUNDS
ISOPROPYL NITRATE
METHYL NITRATE
PROPYL NITRATE
TRIETHYL COMPOUNDS
TRIMETHYL COMPOUNDS
ALKYLATES
ALKYNES
ACETYLENE
OXYACETYLENE
ALLYL COMPOUNDS
CARBAMATES (TRADENAME)
URETHANES
CARBAMIDES
CARBON TETRACHLORIDE
CARBON TETRAFLUORIDE
CARBOXYLATES
CASTOR OIL
CHLORAL
CHLOROETHYLENE
CHLOROFORM
CHOLINE
CITRIC ACID
CYANAMIDES
CYANOGEN
CYCLIC HYDROCARBONS
ANTHRACENE
COLCHICINE
CYCLOBUTANE
CYCLOPROPANE
MENTHOL
NAPHTHENES
DDT
DIALLYL COMPOUNDS
DIISOCYANATES
ETHOXY ETHYLENE
ETHYL ALCOHOL
ETHYLENEDIAMINE
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IDOACETIC ACID
LIPOIC ACID
OLEIC ACID
PALMITIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
FLUOROAMINES
NITROFLUOROAMINES
TRIFLUOROAMINE OXIDE
TRIMETHYLOXAMINE ACID
FORMIC ACID
GLUCOSIDES

ALIPHATIC COMPOUNDS-(CONT)

GLUTAMATES
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLYCERIDES
GLYCEROLS
GLYCOLS
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE
HEPTADIENE
HEXADIENE
HEXAMETHYLENETETRAMINE
HEXOGENES (TRADEMARK)
HEXOKINASE
HIPURIC ACID
HYDRAZIDES
HYDRAZINE NITROFORM
HYDRAZINES
CHLORPROMAZINE
DIHYDRAZINE
DIMETHYLHYDRAZINES
ETHYLENE DIHYDRAZINE
HYDRAZINE BORANE
HYDRAZINE PERCHLORATES
METHYLHYDRAZINE
TETRAFLUOROXYDRAZINE
ISOPROPYL COMPOUNDS
ISOPROPYL ALCOHOL
KETENES
KETONES
ACETONE
ACETYLACETONE
ANTHRAQUINONES
CAMPHOR
NEMBTAL (TRADEMARK)
PENTANONE
TRIMETHADIONE
LACTATES
LACTIC ACID
MALEATES
MEPROBAMATE
METHYL ALCOHOLS
METHYL COMPOUNDS
METHYL CHLOROSILANES
METHYL NITRATE
METHYLENE DIAMINE
MONOETHANOLAMINE (MEA)
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE
NITROAMINES
NITROSAMINE
NUCLEASE
NUCLEOSIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
OCTOATES
OXALIC ACID
OXAMIC ACIDS
PHOSGENE
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
CHITIN
DEXTRANS
GLYCogens
STARCHES
PROPYL COMPOUNDS
SODIUM CHLORODIFLUOROACETATES
STEARATES
SUGARS
DEXTRANS
GALACTOSE
GLUCOSE
HEXOSES
INOSITOLS
LACTOSE
MANNITOL
MONOSACCHARIDES
RIBOSE
XYLOSE
PENTOSE
RIBOSE
XYLOSE
SUCROSE
TETRABUTYLS
THIOLS
CYSTEINE
DIMERCAPROL
TRINITRAMINE
TRIOLS
CYANURIC ACID

ALIPHATIC COMPOUNDS-(CONT)

RT ACETATES
ALCOHOLS
ALDEHYDES
AMIDES
AMINES
CARBONYL COMPOUNDS
CARBOXYLIC ACIDS
∞CHEMICAL COMPOUNDS
CYANIDES
ESTERS
HYDROCARBONS
HYDROXYL COMPOUNDS
NITRITES
NITROSOLS
PHOSPHORUS COMPOUNDS

ALKALI HALIDES

GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
ALKALI HALIDES
CESIUM HALIDES
CESIUM BROMIDES
CESIUM FLUORIDES
CESIUM IODIDES
POTASSIUM IODIDES
SODIUM BROMIDES
SODIUM CHLORIDES
SODIUM FLUORIDES
SODIUM IODIDES

∞ ALKALI METAL COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)

UF GROUP 1A COMPOUNDS
RT CESIUM COMPOUNDS
∞CHEMICAL COMPOUNDS
LITHIUM COMPOUNDS
∞METAL COMPOUNDS
POTASSIUM COMPOUNDS
RUBIDIUM COMPOUNDS
SODIUM COMPOUNDS

ALKALI METALS

GS CHEMICAL ELEMENTS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
CESIUM VAPOR
FRANCIUM
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
SODIUM VAPOR
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
CESIUM VAPOR
FRANCIUM
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
RUBIDIUM
RUBIDIUM ISOTOPES

ALKALI VAPOR LAMPS

ALKALI METALS-(CONT)

RUBIDIUM 86
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
SODIUM VAPOR
RT CESIUM ALLOYS
METAL VAPORS

ALKALI VAPOR LAMPS

GS LIGHTING EQUIPMENT
LUMINAIRES
FLASH LAMPS
RT LASERS
LUMINESCENCE
METAL VAPORS
RARE EARTH ELEMENTS

ALKALIES

UF CAUSTICS
GS ALKALIES
LITHIUM HYDROXIDES
POTASSIUM HYDROXIDES
SODIUM HYDROXIDES
RT ALKALINITY
BASES (CHEMICAL)
CARBONATES
HYDROXIDES

ALKALINE BATTERIES

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
ALKALINE BATTERIES
ELECTROCHEMICAL CELLS
ALKALINE BATTERIES
RT STORAGE BATTERIES
THERMAL BATTERIES

∞ ALKALINE EARTH COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
UF GROUP 2A COMPOUNDS
RT ALKALINE EARTH METALS
ALKALINE EARTH OXIDES
BARIUM COMPOUNDS
BERYLLIUM COMPOUNDS
CALCIUM COMPOUNDS
∞ CHEMICAL COMPOUNDS
MAGNESIUM COMPOUNDS
STRONTIUM COMPOUNDS

ALKALINE EARTH METALS

GS CHEMICAL ELEMENTS
ALKALINE EARTH METALS
BARIUM ISOTOPES
METALS
ALKALINE EARTH METALS
BARIUM ISOTOPES
RT ∞ ALKALINE EARTH COMPOUNDS

ALKALINE EARTH OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
ALKALINE EARTH OXIDES
BARIUM OXIDES
BERYLLIUM OXIDES
CALCIUM OXIDES
MAGNESIUM OXIDES
PERICLASE
RT ∞ ALKALINE EARTH COMPOUNDS

ALKALINITY

RT ALKALIES
CHEMICAL ANALYSIS
CHEMICAL COMPOSITION
PH
SALINITY
WATER POLLUTION
WATER QUALITY

ALKALOIDS

GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
ATROPINE
BETAINES
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE

ALKALOIDS-(CONT)

MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
RESERPINE
TROPYL COMPOUNDS
NITROGEN COMPOUNDS
ALKALOIDS
ATROPINE
BETAINES
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE
MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
QUINOLINE
RESERPINE
TROPYL COMPOUNDS
RT CURARE
DRUGS
MARIJUANA
STRYCHNINE

ALKALOSIS

RT ACIDOSIS
HYPERVENTILATION
PH
PH FACTOR
TOXICITY

ALKANES

UF SATURATED HYDROCARBONS
GS ALIPHATIC COMPOUNDS
ALKANES
BUTANES
CETANE
ETHANE
HEPTANES
HEXENES
METHANE
NITROPROPANE
NONANES
OCTANES
PARAFFINS
CERESIN
PENTANES
NEOPENTANE
PROPANE
HYDROCARBONS
ALKANES
BUTANES
CETANE
ETHANE
HEPTANES
HEXENES
METHANE
NITROPROPANE
NONANES
OCTANES
PARAFFINS
CERESIN
PENTANES
NEOPENTANE
PROPANE
RT HYDROCARBON FUELS
WAXES

ALKENES

UF OLEFINS
GS ALIPHATIC COMPOUNDS
ALKENES
BUTADIENE
BUTENES
ETHYLENE
VINYLIDENE
HEXENES
PROPYLENE
TRIENES
HYDROCARBONS
ALKENES
BUTADIENE
BUTENES
ETHYLENE
VINYLIDENE
HEXENES
PROPYLENE
TRIENES
RT ALKYNES
TERPENES

NASA THESAURUS (VOLUME 1)

ALKYD RESINS

GS RESINS
RT ADHESIVES
PROTECTIVE COATINGS

ALKYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
ALKYLIDENE
CETYL COMPOUNDS
DIBUTYL COMPOUNDS
HEXYL COMPOUNDS
ISOPROPYL NITRATE
METHYL NITRATE
PROPYL NITRATE
TRIETHYL COMPOUNDS
TRIMETHYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

ALKYLATES

GS ALIPHATIC COMPOUNDS
ALKYLATES
ESTERS
RT ALKYLATES
ALKYLATION

ALKYLATION

UF OXYALKYLATION
GS CHEMICAL REACTIONS
ALKYLATION
RT ALKYLATES
FRIEDEL-CRAFT REACTION
METHYLATION
REFINING

ALKYLFERROCENE

GS IRON COMPOUNDS
FERROCENES
ALKYLFERROCENE
ORGANOMETALLIC COMPOUNDS
ALKYLFERROCENE

ALKYLIDENE

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
ALKYLIDENE

ALKYNES

GS ALIPHATIC COMPOUNDS
ALKYNES
ACETYLENE
OXYACETYLENE
HYDROCARBONS
ALKYNES
OXYACETYLENE
RT ALKENES
CYCLIC AMP
CYCLIC HYDROCARBONS

ALL SKY PHOTOGRAPHY

GS IMAGERY
ALL SKY PHOTOGRAPHY
PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
WIDE ANGLE LENSES

ALL-WEATHER AIR NAVIGATION

GS NAVIGATION
AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
RT DOPPLER NAVIGATION
-INERTIAL NAVIGATION
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SOLAR COMPASSES
TACAN

ALL-WEATHER LANDING SYSTEMS

GS LANDING AIDS
INSTRUMENT LANDING SYSTEMS
ALL-WEATHER LANDING SYSTEMS
RT AIRCRAFT LANDING
AIRCRAFT SAFETY
FLIGHT SAFETY
LOW VISIBILITY
∞ SYSTEMS

ALLEGHENY PLATEAU (US)

GS LAND

NASA THESAURUS (VOLUME 1)

ALLEGHENY PLATEAU (US)-(CONT)

ALLEGHENY PLATEAU (US)
LANDFORMS
TERRACES (LANDFORMS)
PLATEAUS
ALLEGHENY PLATEAU (US)
RT MARYLAND
PENNSYLVANIA
VIRGINIA
WEST VIRGINIA

ALLENDE METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
CARBONACEOUS CHONDRITES
ALLENDE METEORITE

ALLERGIC DISEASES

RT ANAPHYLAXIS
CONTACT DERMATITIS
IMMUNOLOGY

ALLOCATIONS

UF ASSIGNMENT
GS ALLOCATIONS
RESOURCE ALLOCATION
RT ALLOWANCES
BUDGETING
COMMERCIAL ENERGY
COST EFFECTIVENESS
DISTRIBUTING
DISTRIBUTION
DOMESTIC ENERGY
ECONOMIC ANALYSIS
ECONOMIC FACTORS
ENGINEERING MANAGEMENT
ESTIMATES
FEDERAL BUDGETS
FINANCIAL MANAGEMENT
INDUSTRIAL ENERGY
MATRIX MANAGEMENT
PROCUREMENT MANAGEMENT
PROJECT PLANNING
RESEARCH MANAGEMENT
REVENUE
TRANSPORTATION ENERGY

ALLOTROPY

RT AUSTENITE
CRYSTAL STRUCTURE
POLYMORPHISM

ALLOWANCES

RT ALLOCATIONS
CLEARANCES
COMPENSATION
PRECISION
PRODUCTIVITY
REGULATIONS
RELIABILITY
SAMPLING
TOLERANCES (MECHANICS)

ALLOXAN

GS HETEROCYCLIC COMPOUNDS
ALLOXAN
PYRIMIDINES
ALLOXAN
RT THYMIDINE
THYMINE
URACIL
URIC ACID

ALLOYS

GS ALLOYS
ANTIMONY ALLOYS
BABBITT METAL
ARSENIC ALLOYS
BARIUM ALLOYS
BEARING ALLOYS
BINARY ALLOYS
BISMUTH ALLOYS
BORON ALLOYS
CADMIUM ALLOYS
CAST ALLOYS
CESIUM ALLOYS
CHROMIUM ALLOYS
ASTROLOY (TRADEMARK)
CHROMIUM STEELS
RENE 41
RENE 63
RENE 77
RENE 95

ALLOYS-(CONT)

COBALT ALLOYS
ASTROLOY (TRADEMARK)
RENE 41
RENE 63
RENE 77
RENE 95
CONSTANTAN
COPPER ALLOYS
BABBITT METAL
BRASSES
BRONZES
MANGANIN (TRADEMARK)
EUTECTIC ALLOYS
GALLIUM ALLOYS
GERMANIUM ALLOYS
GOLD ALLOYS
HAFNIUM ALLOYS
HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
UDIMET ALLOYS
WASPALLOY
HIGH STRENGTH ALLOYS
ASTROLOY (TRADEMARK)
HIGH STRENGTH STEELS
MARAGING STEELS
INDIUM ALLOYS
IRON ALLOYS
STEELS
BAINITIC STEEL
CARBON STEELS
LOW CARBON STEELS
CHROMIUM STEELS
CROLOY
HIGH STRENGTH STEELS
MARAGING STEELS
NICKEL STEELS
STAINLESS STEELS
AUSTENITIC STAINLESS STEELS
FERRITIC STAINLESS STEELS
MARTENSITIC STAINLESS STEELS
KOVAR (TRADEMARK)
LEAD ALLOYS
LIGHT ALLOYS
ALUMINUM ALLOYS
BERYLLIUM ALLOYS
MAGNESIUM ALLOYS
LIQUID ALLOYS
LITHIUM ALLOYS
MANGANESE ALLOYS
MANGANIN (TRADEMARK)
MERCURY ALLOYS
MERCURY AMALGAMS
MONOTECTIC ALLOYS
MULBERRY (ALLOY)
NICKEL ALLOYS
ASTROLOY (TRADEMARK)
HASTELLOY (TRADEMARK)
INCONEL (TRADEMARK)
KAMACITE
MONEL (TRADEMARK)
NICHROME (TRADEMARK)
NITINOL ALLOYS
RENE 41
RENE 63
RENE 77
RENE 95
UDIMET ALLOYS
WASPALLOY
PALLADIUM ALLOYS
PERMALLOYS (TRADEMARK)
PLATINUM ALLOYS
PLUTONIUM ALLOYS
POTASSIUM ALLOYS
QUATERNARY ALLOYS
RARE EARTH ALLOYS
ERBIUM ALLOYS
GADOLINIUM ALLOYS
LANTHANUM ALLOYS
NEODYMIUM ALLOYS
RHODIUM ALLOYS
RUTHENIUM ALLOYS
SELENIUM ALLOYS
SHAPE MEMORY ALLOYS
NITINOL ALLOYS
SILICON ALLOYS

ALOUETTE B SATELLITE

ALLOYS-(CONT.)

SILVER ALLOYS
SODIUM ALLOYS
SOLDERS
SYNTECTIC ALLOYS
TELLURIUM ALLOYS
TERNARY ALLOYS
ASTROLOY (TRADEMARK)
THALLIUM ALLOYS
THORIUM ALLOYS
TIN ALLOYS
BABBITT METAL
TITANIUM ALLOYS
NITINOL ALLOYS
URANIUM ALLOYS
VANADIUM ALLOYS
WROUGHT ALLOYS
YTTRIUM ALLOYS
ZINC ALLOYS
ZIRCONIUM ALLOYS
ZIRCALOYS (TRADEMARK)
ZIRCALOY 2 (TRADEMARK)

RT BIMETALS
BINARY SYSTEMS (MATERIALS)
EUTECTIC COMPOSITES
EUTECTICS
FERROUS METALS
HARDENERS
HEAT TREATMENT
INTERMETALLICS
KONDO EFFECT
LIQUID PHASES
METALLOGRAPHY
METALLOIDS
METALLURGY
METALS
MIXTURES
PHASE DIAGRAMS
POWDER METALLURGY
RHEOCASTING
SOLID SOLUTIONS
STRESS RELIEVING
TERNARY SYSTEMS

ALLUVIUM

GS SOILS
ALLUVIUM
RT CLAYS
DELTAS
FANS (LANDFORMS)
FLOODS
GRAVELS
HYDROLOGY
MUD
RIVERS
SANDS
SEDIMENTARY ROCKS
SEDIMENTS
STREAMS
WATER FLOW

ALLYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ALLYL COMPOUNDS
RT CHEMICAL COMPOUNDS
DIALLYL COMPOUNDS

ALMUCANTAR

USE ELEVATION ANGLE

ALOHA SYSTEM

GS RANDOM ACCESS
ALOHA SYSTEM
TELECOMMUNICATION
MULTIPLE ACCESS
ALOHA SYSTEM
RT CHANNEL CAPACITY
CHANNEL NOISE
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE ACCESS
ACCESS
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
SATELLITE TRANSMISSION
SYSTEMS
TIME DIVISION MULTIPLE ACCESS
TRANSMISSION
TRANSMISSION EFFICIENCY

ALOUETTE B SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
ALOUETTE SATELLITES
ALOUETTE B SATELLITE
RT ISIS-X

ALOUETTE HELICOPTERS

ALOUETTE HELICOPTERS

GS SUD AVIATION AIRCRAFT
ALOUETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
ALOUETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 RT ∞ AIRCRAFT

ALOUETTE PROJECT

RT COSMIC NOISE
 DATA ACQUISITION
 IONOSPHERIC SOUNDING
 ISIS-A

ALOUETTE SATELLITES

GS CANADIAN SPACECRAFT
ALOUETTE SATELLITES
 SATELLITES
 ARTIFICIAL SATELLITES
ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 ALOUETTE 1 SATELLITE
 ALOUETTE 2 SATELLITE
 RT ISIS SATELLITES

ALOUETTE 1 SATELLITE

UF S-27 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
ALOUETTE 1 SATELLITE
 IONOSPHERIC SOUNDING
 RT

ALOUETTE 2 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
ALOUETTE 2 SATELLITE
 ISIS SATELLITES
ALOUETTE 2 SATELLITE
 IONOSPHERIC SOUNDING
 RT

ALOUETTE 3 HELICOPTER

USE SE-3160 HELICOPTER

ALPHA DECAY

GS DECAY
 RADIOACTIVE DECAY
ALPHA DECAY
 NUCLEAR REACTIONS
ALPHA DECAY
 RT FINE STRUCTURE
 SELECTION RULES (NUCLEAR PHYSICS)

ALPHA JET AIRCRAFT

GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
ALPHA JET AIRCRAFT
 JET AIRCRAFT
ALPHA JET AIRCRAFT
 TRAINING AIRCRAFT
ALPHA JET AIRCRAFT
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

ALPHA PARTICLES

SN (EMITTED BY NUCLEI)
 UF ALPHA RADIATION
 GS IONIZING RADIATION
ALPHA PARTICLES
 PARTICLES
 ELEMENTARY PARTICLES
 BOSONS
ALPHA PARTICLES
 NUCLEAR PARTICLES
 BOSONS
ALPHA PARTICLES
 RT ALPHATRONS
 CORPUSCULAR RADIATION
 COSMIC RAYS
 DEUTERON IRRADIATION
 DEUTERONS
 FLUX DENSITY
 HELIUM
 HELIUM IONS
 IONS
 NUCLEAR RADIATION
 NUCLEONS
 PROTONS
 ∞ RADIATION

ALPHA PARTICLES-(CONT)

RADIOACTIVITY
 SOLAR WIND VELOCITY
 TRITONS

ALPHA PLASMA DEVICES

GS PLASMA ACCELERATORS
ALPHA PLASMA DEVICES
 RT ∞ DEVICES
 HALL ACCELERATORS
 MAGNETOHYDRODYNAMICS
 PLASMA PHYSICS
 PLASMAS (PHYSICS)

ALPHA RADIATION

USE ALPHA PARTICLES

ALPHABETS

RT ALPHANUMERIC CHARACTERS
 CODING
 LANGUAGES
 SYMBOLS

ALPHANUMERIC CHARACTERS

GS **ALPHANUMERIC CHARACTERS**
 DIGITS
 BINARY DIGITS
 RT ALPHABETS
 INSTRUCTION SETS (COMPUTERS)
 LIGHT EMITTING DIODES
 ∞ NUMBERS
 SYMBOLS

ALPHATRONS

GS MEASURING INSTRUMENTS
 PRESSURE GAGES
 VACUUM GAGES
 IONIZATION GAGES
ALPHATRONS
 VACUUM APPARATUS
 VACUUM GAGES
 IONIZATION GAGES
ALPHATRONS
 RT ALPHA PARTICLES

ALPINE METEOROLOGY

GS METEOROLOGY
ALPINE METEOROLOGY
 RT AERONOMY
 CLOUDS (METEOROLOGY)
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 STORMS (METEOROLOGY)
 WEATHER
 WIND (METEOROLOGY)

ALPS MOUNTAINS (EUROPE)

GS LANDFORMS
 MOUNTAINS
ALPS MOUNTAINS (EUROPE)
 RT AUSTRIA
 EUROPE
 ITALY
 SWITZERLAND
 WEST GERMANY

ALSEP

USE APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE

ALTAIR ENGINE

USE X-248 ENGINE

ALTERATION

USE REVISIONS

ALTERNATING CURRENT

UF AC (CURRENT)
 GS ELECTRIC CURRENT
ALTERNATING CURRENT
 ELECTRICITY
ALTERNATING CURRENT
 RT CURRENT CONVERTERS (AC TO DC)
 DIRECT CURRENT
 INDUCTION MOTORS
 INVERTED CONVERTERS (DC TO AC)
 VOLTAGE CONVERTERS (AC TO AC)

ALTERNATING CURRENT GENERATORS

USE AC GENERATORS

ALTERNATIONS

GS VARIATIONS
ALTERNATIONS

NASA THESAURUS (VOLUME 1)

ALTERNATIONS-(CONT)

RT CYCLES
 INTERVALS
 RHYTHM (BIOLOGY)

ALTERNATIVES

RT OPTIONS
 SUBSTITUTES
 VARIATIONS

ALTERNATORS (GENERATORS)

USE AC GENERATORS

ALTIMETERS

GS AIRCRAFT INSTRUMENTS
ALTIMETERS
 RADIO ALTIMETERS
 MEASURING INSTRUMENTS
 DISTANCE MEASURING EQUIPMENT
ALTIMETERS
 RADIO ALTIMETERS
 RT ALTITUDE
 APPROACH INDICATORS
 ASTROLABES
 BAROMETERS
 FLIGHT INSTRUMENTS
 HYPSONOMETERS
 LANDING INSTRUMENTS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 POSITION INDICATORS
 RANGE FINDERS
 RATE OF CLIMB INDICATORS

ALTITUDE

GS **ALTITUDE**
 FLIGHT ALTITUDE
 HIGH ALTITUDE
 LOW ALTITUDE
 MIDALTITUDE
 SEA LEVEL
 RT ALTIMETERS
 APEXES
 AZIMUTH
 DISTANCE
 ELEVATION
 ELEVATION ANGLE
 HEIGHT
 POSITION (LOCATION)

ALTITUDE ACCLIMATIZATION

GS ADAPTATION
 ACCLIMATIZATION
ALTITUDE ACCLIMATIZATION
 RT MOUNTAIN INHABITANTS

ALTITUDE CONTROL

RT ∞ CONTROL
 LASER ALTIMETERS
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 SPACING

ALTITUDE SICKNESS

GS SICKNESSES
ALTITUDE SICKNESS
 RT AEROSINUSITIS
 AEROSPACE MEDICINE
 DECOMPRESSION SICKNESS

ALTITUDE SIMULATION

UF SIMULATED ALTITUDE
 GS SIMULATION
 ENVIRONMENT SIMULATION
ALTITUDE SIMULATION
 RT COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 HIGH ALTITUDE ENVIRONMENTS
 HYPOBARIC ATMOSPHERES
 LANDING SIMULATION
 SPACE ENVIRONMENT SIMULATION
 THERMAL SIMULATION
 TRAINING DEVICES
 VACUUM CHAMBERS

ALTITUDE TESTS

GS **ALTITUDE TESTS**
 HIGH ALTITUDE TESTS
 RT ENGINE TESTS
 FLIGHT TESTS
 FULL SCALE TESTS
 HIGH ALTITUDE ENVIRONMENTS
 TEST VEHICLES
 ∞ TESTS

ALTITUDE TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
ALTITUDE TOLERANCE
 RT HIGH ALTITUDE BREATHING
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 HYPOBARIC ATMOSPHERES
 LOW PRESSURE

ALU (COMPUTER COMPONENTS)

USE ARITHMETIC AND LOGIC UNITS

ALUM

GS ALUMINUM COMPOUNDS
ALUM
 POTASSIUM COMPOUNDS
ALUM
 SULFUR COMPOUNDS
ALUM

ALUMINA

USE ALUMINUM OXIDES

ALUMINATES

GS ALUMINUM COMPOUNDS
ALUMINATES
 RT ALUMINUM OXIDES
 ∞ OXYGEN COMPOUNDS
 SPINEL

ALUMINIZING

USE ALUMINUM COATINGS

ALUMINUM

GS CHEMICAL ELEMENTS
ALUMINUM
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 METALS
ALUMINUM
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 RT ALUMINUM ALLOYS
 BORAL
 BORSIC (TRADENAME)
 CRYOLITE
 DAWSONITE
 REACTION BONDING
 SIALON

ALUMINUM ALLOYS

GS ALLOYS
 LIGHT ALLOYS
ALUMINUM ALLOYS
 RT ALUMINUM
 BEARING ALLOYS
 LAMELLA (METALLURGY)

ALUMINUM ANTIMONIDES

GS ALUMINUM COMPOUNDS
ALUMINUM ANTIMONIDES
 ANTIMONY COMPOUNDS
 ANTIMONIDES
ALUMINUM ANTIMONIDES

ALUMINUM ARSENIDES

GS ALUMINUM COMPOUNDS
ALUMINUM ARSENIDES
 RT SEMICONDUCTORS (MATERIALS)

ALUMINUM BOROHYDRIDES

GS ALUMINUM COMPOUNDS
 ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
 BORON COMPOUNDS
ALUMINUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 HYDRIDES
 BOROHYDRIDES
ALUMINUM BOROHYDRIDES
 BORON HYDRIDES
ALUMINUM BOROHYDRIDES
 METAL HYDRIDES
 ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES

ALUMINUM BORON COMPOSITES

GS COMPOSITE MATERIALS

ALUMINUM BORON COMPOSITES-(CONT)

ALUMINUM BORON COMPOSITES
 RT BORON FIBERS
 FIBER COMPOSITES

ALUMINUM CARBIDES

GS ALUMINUM COMPOUNDS
ALUMINUM CARBIDES
 CARBON COMPOUNDS
 CARBIDES
ALUMINUM CARBIDES

ALUMINUM CHLORIDES

GS ALUMINUM COMPOUNDS
ALUMINUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
ALUMINUM CHLORIDES
 HALIDES
 CHLORIDES
ALUMINUM CHLORIDES
 METAL HALIDES
ALUMINUM CHLORIDES

ALUMINUM COATINGS

UF ALUMINIZING
 GS COATINGS
ALUMINUM COATINGS
 METALS
 METAL COATINGS
ALUMINUM COATINGS

ALUMINUM COMPOUNDS

GS **ALUMINUM COMPOUNDS**
 ALUM
 ALUMINATES
 ALUMINUM ANTIMONIDES
 ALUMINUM ARSENIDES
 ALUMINUM CARBIDES
 ALUMINUM CHLORIDES
 ALUMINUM FLUORIDES
 ALUMINUM HYDRIDES
 ALUMINUM BOROHYDRIDES
 ALUMINUM NITRIDES
 ALUMINUM OXIDES
 SAPPHIRE
 ALUMINUM PERCHLORATES
 ALUMINUM SILICATES
 ANDESITE
 KAOLINITE
 MONTMORILLONITE
 PYROPHYLLITE
 BERYL
 CORDIERITE
 CRYOLITE
 FELDSPARS
 GEHLENITE
 LITHIUM ALUMINUM HYDRIDES
 MUSCOVITE
 NEPHELINE
 NEPHELINE
 ORGANIC ALUMINUM COMPOUNDS
 SPODUMENE
 TOURMALINE
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 ∞ METAL COMPOUNDS
 METAL FUELS
 METAL PROPELLANTS

ALUMINUM FLUORIDES

GS ALUMINUM COMPOUNDS
ALUMINUM FLUORIDES
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
ALUMINUM FLUORIDES
 HALIDES
 METAL HALIDES
ALUMINUM FLUORIDES

ALUMINUM GALLIUM ARSENIDES

UF ALGAS
 GS ARSENIC COMPOUNDS
 ARSENIDES
 GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
 GALLIUM COMPOUNDS
 GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
 RT NEGATIVE RESISTANCE DEVICES

ALUMINUM GRAPHITE COMPOSITES

GS COMPOSITE MATERIALS
ALUMINUM GRAPHITE COMPOSITES
 RT FIBER COMPOSITES
 GRAPHITE

ALUMINUM HYDRIDES

GS ALUMINUM COMPOUNDS
ALUMINUM HYDRIDES
 ALUMINUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 HYDRIDES
 METAL HYDRIDES
ALUMINUM HYDRIDES
 ALUMINUM BOROHYDRIDES

ALUMINUM ISOTOPES

GS CHEMICAL ELEMENTS
 ALUMINUM
ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 NUCLIDES
 ISOTOPES
ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 METALS
 ALUMINUM
ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27

ALUMINUM NITRIDES

GS ALUMINUM COMPOUNDS
ALUMINUM NITRIDES
 NITROGEN COMPOUNDS
 NITRIDES
ALUMINUM NITRIDES
 RT METAL NITRIDES

ALUMINUM OXIDES

UF ALUMINA
 CORUNDUM
 GS ALUMINUM COMPOUNDS
ALUMINUM OXIDES
 SAPPHIRE
 CHALCOGENIDES
 OXIDES
 METAL OXIDES
ALUMINUM OXIDES
 SAPPHIRE
 RT ABRASIVES
 ALUMINATES
 BAUXITE
 ENERGY ABSORPTION FILMS
 GEHLENITE
 KAOLINITE
 PYROPHYLLITE
 RUBY
 THERMITES

ALUMINUM PERCHLORATES

GS ALUMINUM COMPOUNDS
ALUMINUM PERCHLORATES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
ALUMINUM PERCHLORATES

ALUMINUM SILICATES

GS ALUMINUM COMPOUNDS
ALUMINUM SILICATES
 ANDESITE
 KAOLINITE
 MONTMORILLONITE
 PYROPHYLLITE
 SILICON COMPOUNDS
ALUMINUM SILICATES
 ANDESITE
 KAOLINITE
 MONTMORILLONITE
 PYROPHYLLITE
 RT MINERALS
 MULLITES

ALUMINUM 26

GS CHEMICAL ELEMENTS
 ALUMINUM
 ALUMINUM ISOTOPES
ALUMINUM 26
 NUCLIDES
 ISOTOPES
 ALUMINUM ISOTOPES
ALUMINUM 26

ALUMINUM 27

ALUMINUM 26-(CONT)

METALS
ALUMINUM
ALUMINUM ISOTOPES
ALUMINUM 26

ALUMINUM 27

GS CHEMICAL ELEMENTS
ALUMINUM
ALUMINUM ISOTOPES
ALUMINUM 27
NUCLIDES
ISOTOPES
ALUMINUM ISOTOPES
ALUMINUM 27
METALS
ALUMINUM
ALUMINUM ISOTOPES
ALUMINUM 27

ALVEOLAR AIR

GS GASES
AIR
ALVEOLAR AIR
GAS MIXTURES
ALVEOLAR AIR
RT EXHALATION
EXPIRED AIR
LUNGS

ALVEOLI

RT LUNG MORPHOLOGY
LUNGS
PULMONARY CIRCULATION
PULMONARY FUNCTIONS
RESPIRATION
RESPIRATORY SYSTEM

AMALGAMS

USE MERCURY AMALGAMS

AMALTHEA

GS SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
AMALTHEA
RT JUPITER (PLANET)
SOLAR SYSTEM

AMAZON REGION (SOUTH AMERICA)

GS REGIONS
TROPICAL REGIONS
AMAZON REGION (SOUTH AMERICA)
RT BRAZIL
FORESTS
RIVER BASINS
RIVERS

AMBERLITE (TRADEMARK)

RT ASBESTOS
THERMAL INSULATION

AMBIENCE

RT ENVIRONMENTS

AMBIENT TEMPERATURE

UF ENVIRONMENTAL TEMPERATURE
GS TEMPERATURE
AMBIENT TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
OPERATING TEMPERATURE
ROOM TEMPERATURE
SATELLITE TEMPERATURE

AMBIGUITY

RT INTELLIGIBILITY
POSITIONING

AMBIPOLAR DIFFUSION

GS DIFFUSION
AMBIPOLAR DIFFUSION
RT ELECTRON DIFFUSION
ELECTRON MOBILITY
IONIC DIFFUSION
IONIC MOBILITY
PLASMA DIFFUSION

AMBIT

USE FIELD THEORY (PHYSICS)

AMBULANCES

RT MEDICAL SERVICES
MILITARY VEHICLES
SAFETY DEVICES

AMERICAN INDIANS

RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
ETHNIC FACTORS
MINORITIES
RACES

AMERICIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMERICIUM ISOTOPES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMERICIUM 241

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMIDASE

GS ENZYMES
AMIDASE
ORGANIC COMPOUNDS
AMIDASE
PROTEINS
AMIDASE
RT AMINO ACIDS

NASA THESAURUS (VOLUME 1)

AMIDES

GS NITROGEN COMPOUNDS
AMIDES
CARBAMIDES
CYANAMIDES
FORMHYDROXAMIC ACID
LYSERGAMIDE
NICOTINAMIDE
OXAMIC ACIDS
POLYIMIDES
SUCCINIMIDES
UREAS
DIFLUOROUREA
THIOUREAS
THIURONIUM
RT ALIPHATIC COMPOUNDS
IMIDES

AMINES

GS AMINES
AMINOPHYLLINE
AMPHETAMINES
METHAMPHETAMINE
ANILINE
CATECHOLAMINE
CYSTEAMINE
DIAMINES
ETHYLENEDIAMINE
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE
DIFLUOROUREA
DIMENHYDRINATE
DIMETHYLHYDRAZINES
DIPHENYL HYDANTOIN
ERGOTAMINE
FLUOROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
GALLAMINE TRIETHIODIDE
HEXAMETHYLENETETRAMINE
HISTIDINE
HYDROXYLAMINE SULFATE
HYOSCINE
MECAMYLAMINE
MELAMINE
METHYLENE DIAMINE
MONOETHANOLAMINE (MEA)
NITROAMINES
NITROSAMINE
PROMETHAZINE
TETRAFLUOROHYDRAZINE
TETRYL
THIURONIUM
TRINITRAMINE
TRYPTAMINES
SEROTONIN
RT ALIPHATIC COMPOUNDS
HISTAMINES
HYDRAZINES
HYDROCARBON FUELS
IMINES
LEWIS BASE
NITROSYLS
PHENOLIC EPOXY RESINS

AMINO ACIDS

GS ACIDS
AMINO ACIDS
ALANINE
PHENYLALANINE
ASPARTIC ACID
CYSTEINE
FOLIC ACID
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLYCINE
HIPPURIC ACID
HISTIDINE
LEUCINE
NORLEUCINE
LYSINE
MELANOIDIN
METHIONINE
PAPAIN
PEPTIDES
HYPERTENSIN
PROTOPROTEINS
PYRIDINE NUCLEOTIDES
PYRUVATES
THYROXINE
TRYPTOPHAN
TYROSINE
URIDYLIC ACID

AMINO ACIDS-(CONT)**ORGANIC COMPOUNDS****AMINO ACIDS**

ALANINE
 PHENYLALANINE
 ASPARTIC ACID
 CYSTEINE
 FOLIC ACID
 GLUTAMIC ACID
 GLUTAMINE
 GLUTATHIONE
 GLYCINE
 HIPURIC ACID
 HISTIDINE
 LEUCINE
 NORLEUCINE
 LYSINE
 MELANOIDIN
 METHIONINE
 PAPAINE
 PEPTIDES
 HYPERTENSIN
 POLYPEPTIDES
 PROTOPROTEINS
 PYRIDINE NUCLEOTIDES
 THYROXINE
 TRYPTOPHAN
 TYROSINE
 URIDYLIC ACID
 RT ADENOSINE TRIPHOSPHATE
 ADRENOCORTICOTROPIN (ACTH)
 AMIDASE
 ASPARTATES
 CYCLIC AMP
 CYSTEAMINE
 SYNTHETIC FOOD

AMINOPHYLLINE

GS AMINES
AMINOPHYLLINE
 DIURETICS
AMINOPHYLLINE
 DRUGS
 RT **AMINOPHYLLINE**
 STIMULANTS

AMMETERS

GS MEASURING INSTRUMENTS
AMMETERS
 MICROMILLIAMMETERS
 THERMOELEMENT AMMETERS
 RT COULOMETERS
 ELECTRIC CURRENT
 ELECTRICAL MEASUREMENT
 GALVANOMETERS
 VOLTMETERS

AMMINES

RT AMMONIA
 ∞ CHEMICAL COMPOUNDS
 COPPER
 INTERMETALLICS
 ∞ METAL COMPOUNDS

AMMONIA

GS INORGANIC COMPOUNDS
AMMONIA
 LIQUID AMMONIA
 NITROGEN COMPOUNDS
AMMONIA
 LIQUID AMMONIA
 RT ABSORPTION COOLING
 AMMINES
 AMMONIUM COMPOUNDS
 AMMONOLYSIS
 ATMOSPHERIC ENERGY SOURCES
 CULTIVATION
 FERTILIZERS
 KJELDAHL METHOD
 NITROGEN HYDRIDES
 REFRIGERANTS

AMMONIUM BROMIDES

GS AMMONIUM COMPOUNDS
AMMONIUM BROMIDES
 HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
 BROMIDES
AMMONIUM BROMIDES
 HALIDES
 BROMIDES
AMMONIUM BROMIDES

AMMONIUM CHLORIDES

GS AMMONIUM COMPOUNDS

AMMONIUM CHLORIDES-(CONT)

AMMONIUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
AMMONIUM CHLORIDES
 HALIDES
 CHLORIDES
AMMONIUM CHLORIDES

AMMONIUM COMPOUNDS

GS **AMMONIUM COMPOUNDS**
 AMMONIUM BROMIDES
 AMMONIUM CHLORIDES
 AMMONIUM NITRATES
 AMMONIUM PERCHLORATES
 AMMONIUM PHOSPHATES
 AMMONIUM PICRATES
 AMMONIUM SULFATES
 HYDROXYLAMMONIUM PERCHLORATES
 RT AMMONIA
 ∞ CHEMICAL COMPOUNDS
 HEXAMETHONIUM

AMMONIUM NITRATES

GS AMMONIUM COMPOUNDS
AMMONIUM NITRATES
 NITROGEN COMPOUNDS
 NITRATES
 INORGANIC NITRATES
AMMONIUM NITRATES
 RT CULTIVATION
 FERTILIZERS

AMMONIUM PERCHLORATES

GS AMMONIUM COMPOUNDS
AMMONIUM PERCHLORATES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
AMMONIUM PERCHLORATES
 RT SOLID ROCKET PROPELLANTS

AMMONIUM PHOSPHATES

GS AMMONIUM COMPOUNDS
AMMONIUM PHOSPHATES
 PHOSPHORUS COMPOUNDS
 PHOSPHATES
AMMONIUM PHOSPHATES

AMMONIUM PICRATES

GS AMMONIUM COMPOUNDS
AMMONIUM PICRATES
 NITROGEN COMPOUNDS
 NITRO COMPOUNDS
 PICRATES
AMMONIUM PICRATES
 RT EXPLOSIVES

AMMONIUM SULFATES

GS AMMONIUM COMPOUNDS
AMMONIUM SULFATES
 SULFUR COMPOUNDS
 SULFATES
AMMONIUM SULFATES

AMMONOLYSIS

GS CHEMICAL REACTIONS
AMMONOLYSIS
 DECOMPOSITION
AMMONOLYSIS
 RT AMMONIA
 CRACKING (CHEMICAL ENGINEERING)
 HYDROLYSIS

AMMUNITION

GS **AMMUNITION**
 INCENDIARY AMMUNITION
 RT BLANKS
 BOMBS (ORDNANCE)
 CASE BONDED PROPELLANTS
 EXPLOSIVE DEVICES
 EXPLOSIVES
 FUSES (ORDNANCE)
 GRENADES
 GUNS (ORDNANCE)
 IGNITERS
 MAGAZINES (SUPPLY CHAMBERS)
 MINES (ORDNANCE)
 MISSILES
 ORDNANCE
 PROJECTILES
 PROPELLANTS
 PYROTECHNICS
 ∞ ROCKETS

AMMUNITION-(CONT)

SHAPED CHARGES
 ∞ SHOT
 TORPEDOES
 ∞ TRACERS
 WARHEADS
 WEAPONS

AMOBARBITAL

GS ACIDS
 RT **AMOBARBITAL**
 CENTRAL NERVOUS SYSTEM
 DEPRESSANTS

AMOEBA

GS ANIMALS
AMOEBA
 PELOMYXA
 MICROORGANISMS
 PROTOZOA
AMOEBA
 PELOMYXA
 RT PARASITIC DISEASES

AMOOOS

USE AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE

AMOR ASTEROID

UF MINOR PLANET 1221
 GS CELESTIAL BODIES
 ASTEROID BELTS
 ASTEROIDS
AMOR ASTEROID
 RT ASTRONOMY
 JUPITER (PLANET)
 MARS (PLANET)
 PLANETARY ORBITS
 SOLAR SYSTEM

AMORPHOUS MATERIALS

RT ASPHALT
 CRYSTALLINITY
 GLASS
 GRAPHOEPIITAXY
 GROUT
 ∞ MATERIALS
 SPIN GLASS

AMORPHOUS SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
AMORPHOUS SEMICONDUCTORS
 RT SEMICONDUCTING FILMS

AMOUNT

UF QUANTITY
 RT ADDITION
 SUMS
 VALUE

AMPERAGE

USE ELECTRIC CURRENT

AMPHETAMINES

GS AMINES
AMPHETAMINES
 METHAMPHETAMINE
 RT CENTRAL NERVOUS SYSTEM
 STIMULANTS

AMPHIBIA

GS ANIMALS
 POIKILOthermia
AMPHIBIA
 FROGS
 VERTEBRATES
AMPHIBIA
 FROGS

AMPHIBIOUS AIRCRAFT

GS AMPHIBIOUS VEHICLES
AMPHIBIOUS AIRCRAFT
 RT ∞ AIRCRAFT
 SEAPLANES
 WATER TAKEOFF AND LANDING
 AIRCRAFT

AMPHIBIOUS VEHICLES

GS **AMPHIBIOUS VEHICLES**
 AMPHIBIOUS AIRCRAFT
 RT BOATS
 ∞ MILITARY VEHICLES
 SEAPLANES
 SHIPS

AMPHIBOLES

AMPHIBIOUS VEHICLES-(CONT)

SURFACE VEHICLES
∞ VEHICLES
WATER VEHICLES

AMPHIBOLES

GS MINERALS
AMPHIBOLES
RT CALCIUM SILICATES

AMPHITRITE ASTEROID

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
AMPHITRITE ASTEROID
RT GALILEO PROJECT

AMPLIDYNES

GS ELECTRIC GENERATORS
ROTATING GENERATORS
AMPLIDYNES
RT AMPLIFIERS
ELECTRIC MOTORS
POWER AMPLIFIERS
SERVOMOTORS

AMPLIFICATION

UF AMPLIFICATION FACTOR
GAIN (AMPLIFICATION)
INTENSIFICATION
GS **AMPLIFICATION**
POWER GAIN
SOUND AMPLIFICATION
WAVE AMPLIFICATION
RT AMPLIFIERS
AMPLITUDES
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FLUID AMPLIFIERS
FLUIDICS
HIGH GAIN
MAGNIFICATION
POSITIVE FEEDBACK
SENSITIVITY
STABILITY
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

AMPLIFICATION FACTOR

USE AMPLIFICATION

AMPLIFIER DESIGN

RT AMPLIFIERS
COMPUTER AIDED DESIGN
∞ DESIGN
LOGIC DESIGN
OPERATIONAL AMPLIFIERS
PRODUCT DEVELOPMENT

AMPLIFIERS

UF ELECTRONIC AMPLIFIERS
GS **AMPLIFIERS**
BEAM PLASMA AMPLIFIERS
BROADBAND AMPLIFIERS
CARCINOTRONS
CROSSED FIELD AMPLIFIERS
CURRENT AMPLIFIERS
PHOTOMULTIPLIER TUBES
FREQUENCY MODULATION
PHOTOMULTIPLIERS
DIFFERENTIAL AMPLIFIERS
DISTRIBUTED AMPLIFIERS
FEEDBACK AMPLIFIERS
FLUID AMPLIFIERS
JET AMPLIFIERS
INTERMEDIATE FREQUENCY
AMPLIFIERS
LIGHT AMPLIFIERS
LIMITER AMPLIFIERS
LINEAR AMPLIFIERS
MAGNETIC AMPLIFIERS
MAGNETOSTATIC AMPLIFIERS
MICROWAVE AMPLIFIERS
OPERATIONAL AMPLIFIERS
PARAMETRIC AMPLIFIERS
POSTAMPLIFIERS
POWER AMPLIFIERS
PREAMPLIFIERS
PUSH-PULL AMPLIFIERS
SERVOAMPLIFIERS
TRANSISTOR AMPLIFIERS
TRAVELING WAVE AMPLIFIERS
VOLTAGE AMPLIFIERS
RT **AMPLIDYNES**
AMPLIFICATION

AMPLIFIERS-(CONT)

AMPLIFIER DESIGN
∞ BOOSTERS
CAPACITORS
CIRCUITS
∞ ELECTRIC CELLS
ELECTRIC CHOPPERS
IMAGE INTENSIFIERS
INTENSIFIERS
KLYSTRONS
LASER CAVITIES
LASERS
LINEAR CIRCUITS
MASERS
MODULATORS
MULTIVIBRATORS
OSCILLATORS
RECEIVERS
REPEATERS
SOLID STATE DEVICES
STIMULATED EMISSION DEVICES
TRANSFORMERS
TRAVELING WAVE MASERS

AMPLITRONS (TRADEMARK)

USE PLANOTRONS

AMPLITUDE DISTRIBUTION ANALYSIS

UF AMPLITUDE PROBABILITY ANALYSIS
STATISTICAL ANALYSIS
GS **AMPLITUDE DISTRIBUTION ANALYSIS**
RT PHOTOPEAK
PULSE AMPLITUDE
SIGNAL TO NOISE RATIOS
SIGNATURES

AMPLITUDE MODULATION

GS MODULATION
AMPLITUDE MODULATION
RT DEMODULATION
DEMODULATORS
FREQUENCY MODULATION
LIGHT MODULATION
MODULATORS
P A C M TELEMETRY
PHASE MODULATION
PULSE MODULATION
SINGLE SIDEBAND TRANSMISSION

AMPLITUDE PROBABILITY ANALYSIS

USE AMPLITUDE DISTRIBUTION ANALYSIS

AMPLITUDES

GS **AMPLITUDES**
PULSE AMPLITUDE
SCATTERING AMPLITUDE
RT AMPLIFICATION
CYCLES
DIMENSIONS
DISPLACEMENT
FREQUENCIES
∞ INTENSITY
LEVEL (QUANTITY)
MAGNITUDE
OSCILLATIONS
PICOSECOND PULSES
PULSES
STANDING WAVE RATIOS
VIBRATION

AMPOULES

RT ∞ CONTAINERS
LABORATORY EQUIPMENT
VACUUM SYSTEMS

AMPS (SATELLITE PAYLOAD)

UF ATMOSPHERIC AND MAGNETOSPHERIC
PAYLOAD
GS PLASMAS-IN-SPACE PAYLOAD
MEASURING INSTRUMENTS
SATELLITE-BORNE INSTRUMENTS
AMPS (SATELLITE PAYLOAD)
PAYLOADS
AMPS (SATELLITE PAYLOAD)
RT INSTRUMENT PACKAGES

AMPTE (SATELLITES)

SN (ACTIVE MAGNETOSPHERIC PARTICLE
TRACER EXPLORERS)
UF ACTIVE MAGNETO PARTICLE TRACER
EXPLORERS
GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
AMPTE (SATELLITES)

NASA THESAURUS (VOLUME 1)

AMPTE (SATELLITES)-(CONT)

RT EUROPEAN SPACE PROGRAMS
MAGNETOSPHERE
SATELLITE-BORNE INSTRUMENTS
SOLAR WIND
SPACE PLASMAS
SPACEBORNE EXPERIMENTS

AMTV

USE AUTOMATED MIXED TRAFFIC VEHICLES

AN-2 AIRCRAFT

GS ANTONOV AIRCRAFT
AN-2 AIRCRAFT
JET AIRCRAFT
AN-2 AIRCRAFT
MONOPLANES
AN-2 AIRCRAFT
TRANSPORT AIRCRAFT
AN-2 AIRCRAFT
RT ∞ AIRCRAFT

AN-22 AIRCRAFT

UF ANTHEUS AIRCRAFT
ANTONOV AN-22 AIRCRAFT
COCK AIRCRAFT
GS ANTONOV AIRCRAFT
AN-22 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
AN-22 AIRCRAFT
MONOPLANES
AN-22 AIRCRAFT
TRANSPORT AIRCRAFT
AN-22 AIRCRAFT
RT ∞ AIRCRAFT
PASSENGER AIRCRAFT

AN-24 AIRCRAFT

UF ANTONOV AN-24 AIRCRAFT
COKE AIRCRAFT
GS ANTONOV AIRCRAFT
AN-24 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
AN-24 AIRCRAFT
MONOPLANES
AN-24 AIRCRAFT
TRANSPORT AIRCRAFT
AN-24 AIRCRAFT
RT ∞ AIRCRAFT
PASSENGER AIRCRAFT

ANABAENA

GS ALGAE
ANABAENA

ANAEROBES

GS MICROORGANISMS
ANAEROBES
RT AEROBES
BACTERIA
SEWAGE TREATMENT

ANALGESIA

RT ANESTHESIA
DRUGS
PAIN

ANALOG CIRCUITS

GS CIRCUITS
ANALOG CIRCUITS
RT DATA CONVERTERS
OPERATIONAL AMPLIFIERS
RHEOELECTRICAL SIMULATION

ANALOG COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
EAI 680 COMPUTER
HONEYWELL 600/6000 COMPUTER
SIGMA 5 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
RT DIFFERENTIAL AMPLIFIERS
DIFFERENTIAL ANALYZERS
DIGITAL COMPUTERS
DISCRIMINATORS
FUNCTIONAL INTEGRATION
HYBRID COMPUTERS
MISSILE CONTROL
OPERATIONAL AMPLIFIERS
RESOLVERS
SIGNAL ANALYZERS

NASA THESAURUS (VOLUME 1)

ANALOG COMPUTERS-(CONT)

SPECTRAL RESOLUTION

ANALOG DATA

RT BINARY DATA
 ∞ DATA
 DATA CONVERTERS
 DATA PROCESSING
 DIGITAL DATA
 ∞ MEASUREMENT
 VIDEO DATA

ANALOG SIMULATION

GS MODELS
 MATHEMATICAL MODELS
 ANALOG SIMULATION
 SIMULATION
 COMPUTERIZED SIMULATION
 ANALOG SIMULATION
 RT COMPUTER SYSTEMS SIMULATION
 DIGITAL SIMULATION
 FLIGHT SIMULATION
 RHEOELECTRICAL SIMULATION
 SYSTEMS SIMULATION

ANALOG TO DIGITAL CONVERTERS

UF DIGITIZERS
 GS DATA CONVERTERS
 ANALOG TO DIGITAL CONVERTERS
 RT CODERS
 CODING
 ∞ CONVERTERS
 DATA ACQUISITION
 DIGITAL COMPUTERS
 DIGITAL SYSTEMS
 DIGITAL TO ANALOG CONVERTERS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER
 PLOTTING

ANALOGIES

UF SIMILARITIES
 GS ANALOGIES
 HYDRAULIC ANALOGIES
 RT COMPARISON
 HOMOLOG
 SIMULATION

ANALOGS

RT MODELS
 SIMULATORS

ANALYSIS

USE ANALYZING

ANALYSIS (MATHEMATICS)

SN (THAT PART OF THE FIELD OF
 MATHEMATICS WHICH ARISES FROM
 THE CALCULUS AND WHICH DEALS
 PRIMARILY WITH FUNCTIONS)
 GS ANALYSIS (MATHEMATICS)
 APERIODIC FUNCTIONS
 CALCULUS
 CONTINUITY (MATHEMATICS)
 DIFFERENTIAL CALCULUS
 FOURIER-BESSEL TRANSFORMATIONS
 GRAEFF CALCULUS
 INTEGRAL CALCULUS
 LIMITS (MATHEMATICS)
 SERIES (MATHEMATICS)
 ASYMPTOTIC SERIES
 CAMPBELL-HAUSDORFF SERIES
 COSINE SERIES
 FOURIER SERIES
 PADE APPROXIMATION
 POWER SERIES
 TAYLOR SERIES
 MACLAURIN SERIES
 PROGRESSIONS
 PRONY SERIES
 SINE SERIES
 VECTOR ANALYSIS
 COLLINEARITY
 COPLANARITY
 CURL (VECTORS)
 VORTICITY
 COMBINATORIAL ANALYSIS
 COMBINATIONS (MATHEMATICS)
 FACTORIALS
 PARTITIONS (MATHEMATICS)
 PERMUTATIONS
 COMPLEX VARIABLES
 AIRY FUNCTION
 ANALYTIC FUNCTIONS
 ENTIRE FUNCTIONS

ANALYSIS (MATHEMATICS)-(CONT)

BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 CAUCHY INTEGRAL FORMULA
 CONFORMAL MAPPING
 CONJUGATES
 CONJUGATE POINTS
 EXPONENTIAL FUNCTIONS
 LOGARITHMS
 GAMMA FUNCTION
 HARMONIC FUNCTIONS
 HYPERBOLIC FUNCTIONS
 HYPERGEOMETRIC FUNCTIONS
 LAQUERRE FUNCTIONS
 LEGENDRE FUNCTIONS
 LIOUVILLE THEOREM
 MATHIEU FUNCTION
 MEROMORPHIC FUNCTIONS
 ELLIPTIC FUNCTIONS
 RATIONAL FUNCTIONS
 NONHOLONOMIC EQUATIONS
 ORTHOGONAL FUNCTIONS
 SCHWARZ-CHRISTOFFEL
 TRANSFORMATION
 SINGULARITY (MATHEMATICS)
 NAKED SINGULARITIES
 SPHERICAL HARMONICS
 DEPENDENT VARIABLES
 FOURIER ANALYSIS
 FOURIER SERIES
 FUNCTION SPACE
 HILBERT SPACE
 BANACH SPACE
 SOBOLEV SPACE
 FUNCTIONAL ANALYSIS
 HARMONIC ANALYSIS
 TESSERAL HARMONICS
 ZONAL HARMONICS
 HILBERT SPACE
 BANACH SPACE
 SOBOLEV SPACE
 INTEGRAL EQUATIONS
 FREDHOLM EQUATIONS
 J INTEGRAL
 SINGULAR INTEGRAL EQUATIONS
 VOLTERRA EQUATIONS
 WIENER HOPF EQUATIONS
 INTEGRAL TRANSFORMATIONS
 CONVOLUTION INTEGRALS
 FOURIER TRANSFORMATION
 HILBERT TRANSFORMATION
 LAPLACE TRANSFORMATION
 HALF PLANES
 HALF SPACES
 HILL DETERMINANT
 NUMERICAL ANALYSIS
 APPROXIMATION
 BORN APPROXIMATION
 BORN-OPPENHEIMER
 APPROXIMATION
 CHEBYSHEV APPROXIMATION
 EDDINGTON APPROXIMATION
 FINITE DIFFERENCE THEORY
 FINITE ELEMENT METHOD
 HARTREE APPROXIMATION
 LEAST SQUARES METHOD
 MEAN SQUARE VALUES
 MILNE METHOD
 NEWTON-RAPHSON METHOD
 NUMERICAL DIFFERENTIATION
 OSEEN APPROXIMATION
 PADE APPROXIMATION
 PARTICLE IN CELL TECHNIQUE
 POHLHAUSEN METHOD
 RAYLEIGH-RITZ METHOD
 RELAXATION METHOD
 (MATHEMATICS)
 RITZ AVERAGING METHOD
 SOMMERFELD APPROXIMATION
 COMPUTATIONAL CHEMISTRY
 COMPUTATIONAL FLUID DYNAMICS
 DIFFERENCE EQUATIONS
 ERROR ANALYSIS
 GRAEFF CALCULUS
 INTERPOLATION
 ITERATION
 CONJUGATE GRADIENT METHOD
 MONTE CARLO METHOD
 NOMOGRAPHS
 NUMERICAL INTEGRATION
 RUNGE-KUTTA METHOD
 PFAFF EQUATION
 PHASE-SPACE INTEGRAL
 REAL VARIABLES
 ABEL FUNCTION
 ASYMPTOTES

ANALYSIS (MATHEMATICS)

ANALYSIS (MATHEMATICS)-(CONT)

BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 BETHE-SALPETER EQUATION
 CALCULUS OF VARIATIONS
 COMPOSITE FUNCTIONS
 DELTA FUNCTION
 DIFFERENTIAL EQUATIONS
 BLASIVUS EQUATION
 CAUCHY-RIEMANN EQUATIONS
 CHANDRASEKHAR EQUATION
 COSINE SERIES
 DUFFING DIFFERENTIAL EQUATION
 FALKNER-SKAN EQUATION
 HYPERBOLIC DIFFERENTIAL
 EQUATIONS
 LAME WAVE EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 BIHARMONIC EQUATIONS
 BURGER EQUATION
 ELLIPTIC DIFFERENTIAL
 EQUATIONS
 MONGE-AMPERE EQUATION
 EULER-CAUCHY EQUATIONS
 FOKKER-PLANCK EQUATION
 GAUSS EQUATION
 HELMHOLTZ VORTICITY EQUATION
 LIOUVILLE EQUATIONS
 PARABOLIC DIFFERENTIAL
 EQUATIONS
 VLASOV EQUATIONS
 POISSON EQUATION
 EINSTEIN EQUATIONS
 EXISTENCE THEOREMS
 EXTREMUM VALUES
 LIMITS (MATHEMATICS)
 MAXIMA
 MINIMA
 FOURIER-BESSEL TRANSFORMATIONS
 GREEN'S FUNCTIONS
 HYPERBOLIC FUNCTIONS
 HYPERPLANES
 JACOBI INTEGRAL
 JACOBI MATRIX METHOD
 KERNEL FUNCTIONS
 LIAPUNOV FUNCTIONS
 LINEAR EQUATIONS
 LINEAR EVOLUTION EQUATIONS
 LIPSCHITZ CONDITION
 MEASURE AND INTEGRATION
 BINARY INTEGRATION
 BOREL SETS
 FUNCTIONAL INTEGRATION
 INTEGRAL CALCULUS
 J INTEGRAL
 LEBESGUE THEOREM
 NUMERICAL INTEGRATION
 RUNGE-KUTTA METHOD
 STIELTJES INTEGRAL
 WEIGHTING FUNCTIONS
 NEUMANN PROBLEM
 NONLINEAR EQUATIONS
 CUBIC EQUATIONS
 DUFFING DIFFERENTIAL EQUATION
 MONGE-AMPERE EQUATION
 NONLINEAR EVOLUTION
 EQUATIONS
 QUADRATIC EQUATIONS
 QUARTIC EQUATIONS
 NUMERICAL DIFFERENTIATION
 PERIODIC FUNCTIONS
 TRIGONOMETRIC FUNCTIONS
 COSINE SERIES
 SINE SERIES
 TANGENTS
 SERIES (MATHEMATICS)
 ASYMPTOTIC SERIES
 CAMPBELL-HAUSDORFF SERIES
 COSINE SERIES
 FOURIER SERIES
 PADE APPROXIMATION
 POWER SERIES
 TAYLOR SERIES
 MACLAURIN SERIES
 PROGRESSIONS
 PRONY SERIES
 SINE SERIES
 STURM-LIOUVILLE THEORY
 VECTOR ANALYSIS
 COLLINEARITY
 COPLANARITY
 CURL (VECTORS)
 VORTICITY
 WEIERSTRASS FUNCTIONS
 WHITTAKER FUNCTIONS
 RT ALGEBRA

ANALYSIS OF VARIANCE

ANALYSIS (MATHEMATICS)-(CONT)

- ∞ ANALYZING
- ∞ APPLICATIONS OF MATHEMATICS
- DISCONTINUITY
- EQUILIBRIUM EQUATIONS
- GEOMETRY
- ∞ MATHEMATICS
- MONOTONE FUNCTIONS
- ∞ SPACE
- TREES (MATHEMATICS)
- VECTOR SPACES
- VENN DIAGRAMS
- VORTICITY EQUATIONS

ANALYSIS OF VARIANCE

- GS STATISTICAL ANALYSIS
- VARIANCE (STATISTICS)
- ANALYSIS OF VARIANCE
- RT ∞ VARIANCE

ANALYTIC FUNCTIONS

- UF HOLOMORPHISM
- GS ANALYSIS (MATHEMATICS)
- COMPLEX VARIABLES
- ANALYTIC FUNCTIONS
- ENTIRE FUNCTIONS
- FUNCTIONS (MATHEMATICS)
- ANALYTIC FUNCTIONS
- ENTIRE FUNCTIONS
- RT CAUCHY-RIEMANN EQUATIONS
- ISOPERIMETRIC PROBLEM
- NONHOLONOMIC EQUATIONS
- POWER SERIES

ANALYTIC GEOMETRY

- GS GEOMETRY
- EUCLIDEAN GEOMETRY
- ANALYTIC GEOMETRY
- CATENARIES
- CIRCUMFERENCES
- CONICS
- ELLIPSES
- HYPERBOLAS
- PARABOLAS
- CYCLOIDS
- EPICYCLOIDS
- LOCI
- MERCATOR PROJECTION
- QUADRANTS
- S CURVES
- GOMPERTZ CURVES
- SPHEROIDS
- OBLATE SPHEROIDS
- PROLATE SPHEROIDS
- TANGENTS
- TORUSES
- TRIGONOMETRY
- RT ANNULI
- ASYMPTOTES
- CALCULUS
- COORDINATES
- CURVES (GEOMETRY)
- ∞ CYLINDERS
- DESCRIPTIVE GEOMETRY
- DIFFERENTIAL GEOMETRY
- POLYTOPES
- PROJECTIVE GEOMETRY

ANALYTICAL CHEMISTRY

- RT CHEMICAL ANALYSIS
- ∞ CHEMISTRY
- INORGANIC CHEMISTRY
- QUALITATIVE ANALYSIS
- QUANTITATIVE ANALYSIS
- VOLUMETRIC ANALYSIS

ANALYZERS

- SN (EXCLUDES DEVICES FOR PERFORMING
- MATHEMATICAL ANALYSIS)
- GS MEASURING INSTRUMENTS
- ANALYZERS
- ENGINE ANALYZERS
- SIGNAL ANALYZERS
- RT CONTROLLERS
- ∞ DETECTORS
- MONITORS
- SELECTORS
- ∞ TEST EQUIPMENT

∞ ANALYZING

- SN (USE OF A MORE SPECIFIC TERM IS
- RECOMMENDED--CONSULT THE TERMS
- LISTED BELOW)TERMS LISTED BELOW)
- UF ANALYSIS
- INSTRUMENTAL ANALYSIS

ANALYZING-(CONT)

- RT ACTIVATION ANALYSIS
- ALGEBRA
- ANALYSIS (MATHEMATICS)
- CHEMICAL ANALYSIS
- COMBINATORIAL ANALYSIS
- COST ANALYSIS
- CREEP ANALYSIS
- DESIGN ANALYSIS
- DIAGNOSIS
- DIFFERENTIAL GEOMETRY
- DUALITY PRINCIPLE
- ERROR ANALYSIS
- EVALUATION
- EXAMINATION
- FAILURE ANALYSIS
- FIGURE OF MERIT
- FORECASTING
- MANAGEMENT ANALYSIS
- MULTIVARIATE STATISTICAL ANALYSIS
- NETWORK ANALYSIS
- NUMERICAL ANALYSIS
- PHOTOINTERPRETATION
- POSTFLIGHT ANALYSIS
- PREDICTION ANALYSIS TECHNIQUES
- PREFLIGHT ANALYSIS
- RELIABILITY ANALYSIS
- SIGNAL ANALYSIS
- SIGNATURE ANALYSIS
- SPECTRUM ANALYSIS
- STATISTICAL ANALYSIS
- STRESS ANALYSIS
- STRUCTURAL ANALYSIS
- SYSTEMS ANALYSIS
- TERRAIN ANALYSIS
- THERMAL ANALYSIS
- TRAINING ANALYSIS
- TRAJECTORY ANALYSIS
- WEIGHT ANALYSIS
- X RAY ANALYSIS

ANAPHYLAXIS

- GS SENSITIVITY
- ANAPHYLAXIS
- RT ALLERGIC DISEASES
- ANTIGENS
- IMMUNOLOGY
- SENSITIZING

ANASTIGMATISM

- RT OPTOMETRY
- VISION

ANATASE

- UF OCTAHEDRITE
- GS CHALCOGENIDES
- OXIDES
- METAL OXIDES
- TITANIUM OXIDES
- ANATASE
- MINERALS
- ANATASE
- TITANIUM COMPOUNDS
- TITANIUM OXIDES
- ANATASE
- RT PIGMENTS
- RUTILE

ANATOMY

- GS ANATOMY
- ABDOMEN
- BRAIN
- BRAIN STEM
- CEREBELLUM
- CEREBRAL CORTEX
- CEREBRAL VENTRICLES
- CEREBRUM
- HIPPOCAMPUS
- CARDIOVASCULAR SYSTEM
- BLOOD VESSELS
- ARTERIES
- AORTA
- CAPILLARIES (ANATOMY)
- GLOMERULUS
- VEINS
- CORPUSCLES
- DIASTOLE
- ERYTHROCYTES
- RETICULOCYTES
- HEART
- CARDIAC AURICLES
- CARDIAC VENTRICLES
- EPICARDIUM
- MYOCARDIUM
- HEMATOPOIESIS

NASA THESAURUS (VOLUME 1)

ANATOMY-(CONT)

- HEMATOPOIETIC SYSTEM
- LEUKOCYTES
- EOSINOPHILS
- LYMPHOCYTES
- SYSTOLE
- THROMBIN
- THROMBOPLASTIN
- CHEST
- CIRCULATORY SYSTEM
- VASCULAR SYSTEM
- BLOOD VESSELS
- ARTERIES
- AORTA
- CAPILLARIES (ANATOMY)
- GLOMERULUS
- VEINS
- DIGESTIVE SYSTEM
- ESOPHAGUS
- GASTROINTESTINAL SYSTEM
- APPENDIX (ANATOMY)
- INTESTINES
- RECTUM
- STOMACH
- MOUTH
- PANCREAS
- TEETH
- TONGUE
- GENITOURINARY SYSTEM
- BLADDER
- OVARIES
- PROSTATE GLAND
- TESTES
- UTERUS
- GLANDS (ANATOMY)
- ENDOCRINE GLANDS
- ADRENAL GLAND
- GONADS
- OVARIES
- PANCREAS
- PARATHYROID GLAND
- PINEAL GLAND
- PITUITARY GLAND
- PROSTATE GLAND
- THYMUS GLAND
- THYROID GLAND
- MAMMARY GLANDS
- SALIVARY GLANDS
- SEBACEOUS GLANDS
- SEX GLANDS
- GONADS
- OVARIES
- PROSTATE GLAND
- TESTES
- HEAD (ANATOMY)
- OCCIPITAL LOBES
- SKULL
- CRANIUM
- INTRACRANIAL CAVITY
- HUMAN BODY
- LIMBS (ANATOMY)
- ARM (ANATOMY)
- ELBOW (ANATOMY)
- FOREARM
- HAND (ANATOMY)
- FINGERS
- LEG (ANATOMY)
- FEET (ANATOMY)
- KNEE (ANATOMY)
- MUSCULOSKELETAL SYSTEM
- BONES
- CARTILAGE
- CEREBRUM
- FEMUR
- MARROW
- MASTOIDS
- PELVIS
- SCAPULA
- SCIATIC REGION
- SKULL
- CRANIUM
- INTRACRANIAL CAVITY
- STERNUM
- TIBIA
- ULNA
- VERTEBRAE
- CHIN
- CONNECTIVE TISSUE
- CARTILAGE
- COLLAGENS
- CONGENERS
- MARROW
- CONSTRUCTORS
- FLEXORS
- JOINTS (ANATOMY)
- ELBOW (ANATOMY)

NASA THESAURUS (VOLUME 1)

ANATOMY-(CONT)

KNEE (ANATOMY)
WRIST
VERTEBRAL COLUMN
NECK (ANATOMY)
ORGANS
BLADDER
ESOPHAGUS
KIDNEYS
LIVER
LUNGS
OVARIES
PITUITARY GLAND
SPLEEN
STOMACH
TESTES
RESPIRATORY SYSTEM
BRONCHI
BRONCHIAL TUBE
PHARYNX
TRACHEA
DIAPHRAGM (ANATOMY)
LUNGS
NOSE (ANATOMY)
SENSE ORGANS
BARORECEPTORS
CHEMORECEPTORS
EAR
CORTI ORGAN
EARDRUMS
LABYRINTH
COCHLEA
VESTIBULES
MASTOIDS
MIDDLE EAR
SEMICIRCULAR CANALS
EUSTACHIAN TUBES
EYE (ANATOMY)
CHOROID MEMBRANES
CONJUNCTIVA
CORNEA
OCULOMOTOR NERVES
PUPILS
RETINA
FOVEA
GRAVIRECEPTORS
OTOLITH ORGANS
MECHANORECEPTORS
PHOTORECEPTORS
PROPRIOCEPTORS
THERMORECEPTORS
THIGH
TORSO
RT APPENDAGES
BIFURCATION (BIOLOGY)
BIODYNAMICS
∞ BIOLOGY
∞ DIFFERENTIATION
DIFFERENTIATION (BIOLOGY)
DORSAL SECTIONS
EPITHELIUM
EXOSKELETONS
HEPATITIS
LUMBAR REGION
MORPHOLOGY
POSTERIOR SECTIONS
VESTIBULAR NYSTAGMUS

ANCHORS (FASTENERS)

GS FASTENERS
RT ∞ ANCHORS (FASTENERS)
BANDS
BOLTS
BRACKETS
CLIPS
COUPLINGS
GUY WIRES
HOLDERS
MOORING
NUTS (FASTENERS)
SCREWS
STRAPS
STUDS (STRUCTURAL MEMBERS)
TETHERLINES

ANDES MOUNTAINS (SOUTH AMERICA)

GS LANDFORMS
MOUNTAINS
ANDES MOUNTAINS (SOUTH AMERICA)
RT SOUTH AMERICA

ANDESITE

GS ALUMINUM COMPOUNDS
ALUMINUM SILICATES

ANDESITE-(CONT)

ANDESITE
ROCKS
ANDESITE
SILICON COMPOUNDS
ALUMINUM SILICATES
ANDESITE
SILICATES
ANDESITE
RT FELDSPARS
IGNEOUS ROCKS
MINERALS
SOILS

ANDORRA

GS NATIONS
RT ANDORRA
EUROPE
FRANCE
PYRENEES MOUNTAINS (EUROPE)
SPAIN

∞ ANDROMEDA

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ANDROMEDA CONSTELLATION
ANDROMEDA GALAXIES

ANDROMEDA CONSTELLATION

GS CONSTELLATIONS
ANDROMEDA CONSTELLATION
RT ∞ ANDROMEDA
ANDROMEDA GALAXIES

ANDROMEDA GALAXIES

GS CELESTIAL BODIES
GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
ANDROMEDA GALAXIES
RT ∞ ANDROMEDA
ANDROMEDA CONSTELLATION
DISK GALAXIES
SPIRAL GALAXIES

ANECHOIC CHAMBERS

GS COMPARTMENTS
TEST CHAMBERS
ANECHOIC CHAMBERS
TEST FACILITIES
ANECHOIC CHAMBERS
RT ACOUSTIC ATTENUATION
ACOUSTIC MEASUREMENT
ACOUSTICS
∞ CHAMBERS
ZERO SOUND

ANELASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
ANELASTICITY
RT CREEP PROPERTIES
INTERNAL FRICTION
MODULUS OF ELASTICITY
STRESS RELAXATION

ANEMIAS

GS DISEASES
RT ANEMIAS
BLOOD
CORPUSCLES
HEMATOCRIT RATIO
HEMOGLOBIN

ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
DISPLAY DEVICES
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS

ANGLES (GEOMETRY)

ANEMOMETERS-(CONT)

HOT-WIRE ANEMOMETERS
LASER ANEMOMETERS
SONIC ANEMOMETERS
RT FLOW MEASUREMENT
METEOROLOGICAL INSTRUMENTS
VELOCITY MEASUREMENT
WIND (METEOROLOGY)
WIND MEASUREMENT
WIND VANES
WIND VELOCITY
WIND VELOCITY MEASUREMENT

ANEMOMETRY

USE VELOCITY MEASUREMENT

ANESTHESIA

GS ANESTHESIA
ELECTROANESTHESIA
RT ANALGESIA
HYPNOSIS
SENSORY PERCEPTION
UNCONSCIOUSNESS

ANESTHESIOLOGY

GS MEDICAL SCIENCE
ANESTHESIOLOGY
RT CHLOROFORM
CLINICAL MEDICINE
DEPRESSANTS
DIAGNOSIS
DRUGS
PHARMACOLOGY

ANESTHETICS

GS DRUGS
ANESTHETICS
CHLOROFORM
CYCLOPROPANE
METHYL CHLORIDE
NOVOCAIN
RT ETHERS

ANGELS

GS ECHOES
ANGELS
RT GLINT
RADAR CROSS SECTIONS
RADIO ECHOES

ANGINA PECTORIS

GS DISEASES
HEART DISEASES
ANGINA PECTORIS
RT ANOXIA
ARTERIOSCLEROSIS
CORONARY ARTERY DISEASE
EMOTIONAL FACTORS
HEART FUNCTION
HEART RATE
MYOCARDIUM
PHYSICAL EXERCISE
STRESS (PHYSIOLOGY)

ANGIOGRAPHY

GS IMAGERY
RADIOGRAPHY
ANGIOGRAPHY
RT BRAIN
CARDIOLOGY
CARDIOVASCULAR SYSTEM

ANGIOSPERMS

RT GRAINS (FOOD)
NUTS (FRUITS)
PLANTS (BOTANY)
VEGETABLES

ANGLE OF ATTACK

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
ANGLE OF ATTACK
ZERO ANGLE OF ATTACK
RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
LIFT
SWEEP ANGLE

ANGLES (GEOMETRY)

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)

ANGOLA

ANGLES (GEOMETRY)-(CONT)

ANGLE OF ATTACK
 ZERO ANGLE OF ATTACK
 BRAGG ANGLE
 BREWSTER ANGLE
 DIHEDRAL ANGLE
 ELEVATION ANGLE
 LOOK ANGLES (ELECTRONICS)
 LOOK ANGLES (TRACKING)
 SWEEP ANGLE
 SWEEPBACK
 LEADING EDGE SWEEP
 RT ANGULAR RESOLUTION
 APSIDES
 AZIMUTH
 COMPLEMENTS (MATHEMATICS)
 CORNERS
 ELONGATION
 GONIOMETERS
 ∞ GRADE
 GRADIENTS
 INCIDENCE
 OBLIQUENESS
 PHASE SHIFT
 PHOTOgoniometers
 PITCH (INCLINATION)
 ∞ PROFILES
 PROTRACTORS
 RECIPROCAL THEOREMS
 SLOPES
 TRIANGULATION
 TRIGONOMETRY

ANGOLA

GS NATIONS
 RT ANGOLA
 AFRICA

ANGULAR ACCELERATION

GS RATES (PER TIME)
 ACCELERATION (PHYSICS)
 ANGULAR ACCELERATION
 RT ∞ ACCELERATION
 CENTRIFUGAL FORCE
 CENTRIPETAL FORCE
 DECELERATION
 ROTATION
 SPIN REDUCTION
 TRANSVERSE ACCELERATION
 YO-YO DEVICES

ANGULAR CORRELATION

GS CORRELATION
 RT ANGULAR CORRELATION
 DATA CORRELATION
 MATTS (SYSTEMS)
 VIEW EFFECTS

ANGULAR DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 ANGULAR DISTRIBUTION
 RT ELECTRON DENSITY PROFILES
 ELEMENTARY PARTICLE INTERACTIONS
 FLUX DENSITY
 FORCE DISTRIBUTION
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 NUCLEAR SCATTERING
 STAR DISTRIBUTION

ANGULAR MOMENTUM

GS MOMENTUM
 ANGULAR MOMENTUM
 RT CLASSICAL MECHANICS
 CLEBSCH-GORDAN COEFFICIENTS
 ELECTRON SPIN
 KINETICS
 MOMENTS OF INERTIA
 PARTICLE SPIN
 QUANTUM NUMBERS
 QUANTUM THEORY
 QUENCHING (ATOMIC PHYSICS)
 RACAH COEFFICIENT
 REGGE POLES
 SPIN
 SPIN TESTS
 STELLAR ROTATION
 WIGNER COEFFICIENT

ANGULAR MOTION

USE ANGULAR VELOCITY

ANGULAR RESOLUTION

GS RESOLUTION
 ANGULAR RESOLUTION

ANGULAR RESOLUTION-(CONT)

RT ACCURACY
 ANGLES (GEOMETRY)
 HIGH RESOLUTION
 ∞ OPTICS
 RADAR RESOLUTION

ANGULAR VELOCITY

UF ANGULAR MOTION
 GS RATES (PER TIME)
 ANGULAR VELOCITY
 VELOCITY
 ANGULAR VELOCITY
 RT GYRATION
 ORBITAL VELOCITY
 REVOLVING
 ROTATION
 ROTOR SPEED
 SAGNAC EFFECT
 TACHOMETERS
 TIP SPEED

ANHYDRIDES

GS CHALCOGENIDES
 OXIDES
 ANHYDRIDES
 PEROXIDES
 INORGANIC PEROXIDES
 ORGANIC PEROXIDES
 SODIUM PEROXIDES
 RT ACIDS
 BASES (CHEMICAL)

ANIK A

USE ANIK 1

ANIK B

USE ANIK 2

ANIK C

USE ANIK 3

ANIK SATELLITES

GS CANADIAN SPACECRAFT
 ANIK SATELLITES
 ANIK 1
 ANIK 2
 ANIK 3
 SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 ANIK SATELLITES
 ANIK 1
 ANIK 2
 ANIK 3
 RT CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 1

UF ANIK A
 TELESAT CANADA A
 GS CANADIAN SPACECRAFT
 ANIK SATELLITES
 ANIK 1
 SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 ANIK SATELLITES
 ANIK 1
 RT CANADA
 CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 2

UF ANIK B
 TELESAT CANADA B
 GS CANADIAN SPACECRAFT
 ANIK SATELLITES
 ANIK 2
 SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 ANIK SATELLITES
 ANIK 2
 RT CANADA
 CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

NASA THESAURUS (VOLUME 1)

ANIK 3

UF ANIK C
 TELESAT CANADA C
 GS TELESAT CANADA 3
 CANADIAN SPACECRAFT
 ANIK SATELLITES
 ANIK 3
 SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 ANIK SATELLITES
 ANIK 3
 RT CANADA
 CANADIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION

ANILINE

GS AMINES
 ANILINE
 RT DYES

ANIMALS

UF FAUNA
 METAZOA
 GS ANIMALS
 AMOEBA
 PELOMYXA
 HETEROTROPHS
 INVERTEBRATES
 ARTHROPODS
 ARTEMIA
 CEPHALOPODS
 MOLLUSKS
 OCTOPUSES
 SNAILS
 CRABS
 INSECTS
 BEES
 BOLL WEEVILS
 CHIRONOMUS FLIES
 COCKROACHES
 COLEOPTERA
 CRICKETS
 BEETLES
 TRIBOLIA
 DROSOPHILA
 FIREFLIES
 GRASSHOPPERS
 LARVAE
 BOLLWORMS
 SILKWORMS
 LOCUSTS
 MOTHS
 SILKWORMS
 PUPA
 SPIDERS
 PROTOZOA
 FLAGELLATA
 TRYPANOSOME
 PARAMECIA
 ROTIFERA
 PELOMYXA
 SEA URCHINS
 SPORES
 MICROSPORES
 WORMS
 FLATWORMS
 LIVESTOCK
 MOLES
 POIKILOthermia
 AMPHIBIA
 FROGS
 REPTILES
 LIZARDS
 SNAKES
 TURTLES
 VERTEBRATES
 AMPHIBIA
 FROGS
 BIRDS
 CHICKENS
 PIGEONS
 TURKEYS
 WATERFOWL
 FISHES
 SCHOOLS (FISH)
 SHARKS
 MAMMALS
 BATS
 BEARS
 CATS
 CATTLE
 CALVES
 DEER
 CARIBOUS

ANIMALS-(CONT)

DOGS
DOLPHINS
GOATS
HORSES
MANATEES
MARINE MAMMALS
PORPOISES
PRIMATES
APES
CHIMPANZEES
BABOONS
HUMAN BEINGS
MONKEYS
RODENTS
GUINEA PIGS
HAMSTERS
MICE
JERBOAS
POCKET MICE
RABBITS
RATS
SQUIRRELS
GROUND SQUIRRELS
SEALS (ANIMALS)
SHEEP
SHREWS
SWINE
WHALES
WOLVES
REPTILES
LIZARDS
SNAKES
TURTLES
WILDLIFE
BABOONS
BATS
BIRDS
CHIMPANZEES
MONKEYS
RT ∞ BIOLOGY
BIOMASS
CARBON CYCLE
CENSUS
ENDANGERED SPECIES
FOOD CHAIN
GRAZING
HABITATS
HOMEOTHERMS
MICROORGANISMS
ORGANISMS
PARASITES
PLANKTON
PLANTS (BOTANY)
PREDATORS
VIABILITY
WILDLIFE RADIOLOCATION
 ∞ ZOOLOGY

ANIMATION

USE MOTION

ANIONS

GS IONS
ANIONS
PARTICLES
CHARGED PARTICLES
ANIONS
RT ANODES
CATIONS
CELL ANODES
ELECTRODE MATERIALS
IONIC MOBILITY
NEGATIVE IONS

ANISOLE

GS ETHERS
ANISOLE
HETEROCYCLIC COMPOUNDS
ANISOLE

ANISOTROPIC FLUIDS

GS MEDIA
ANISOTROPIC MEDIA
ANISOTROPIC FLUIDS
RT ANISOTROPY
 ∞ FLUIDS
INVARIANT IMBEDDINGS
ISOTROPY
LIQUID CRYSTALS
NEWTONIAN FLUIDS

ANISOTROPIC MEDIA

GS MEDIA
ANISOTROPIC MEDIA

ANISOTROPIC MEDIA-(CONT)

ANISOTROPIC FLUIDS
RT ANISOTROPY
BIREFRINGENCE
BIREFRINGENT COATINGS
HOMOGENEITY
ISOTROPIC MEDIA
 ∞ MATERIALS
POLARIZATION (WAVES)
ANISOTROPIC PLATES
UF NONISOTROPIC PLATES
GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ANISOTROPIC PLATES
RT CANTILEVER PLATES
END PLATES
PERFORATED PLATES
REINFORCED PLATES

ANISOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
ANISOTROPIC SHELLS
RT CORRUGATED SHELLS
ELASTIC SHELLS
REINFORCED SHELLS

ANISOTROPY

UF NONISOTROPY
ONISOTROPY
PHOTOTHERMOTROPISM
THERMOTROPISM
GS ANISOTROPY
PLASTIC ANISOTROPY
ELASTIC ANISOTROPY
RT AEOLOTROPISM
ANISOTROPIC FLUIDS
ANISOTROPIC MEDIA
BIREFRINGENCE
CRYSTAL STRUCTURE
CRYSTALS
DIRECTIVITY
ISOTROPY
MECHANICAL PROPERTIES
METALLOGRAPHY
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
SPATIAL DISTRIBUTION

ANNA HURRICANE

GS STORMS
CYCLONES
HURRICANES
ANNA HURRICANE
STORMS (METEOROLOGY)
TROPICAL STORMS
HURRICANES
ANNA HURRICANE

ANNA SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
ANNA SATELLITES
UNMANNED SPACECRAFT
GEODETIC SATELLITES
ANNA SATELLITES
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE

ANNEALING

GS HEAT TREATMENT
ANNEALING
LASER ANNEALING
PULSE HEATING
RT GRAPHITIZATION
HARDENING (MATERIALS)
HEATING
NORMALIZING (HEAT TREATMENT)
RECRYSTALLIZATION
SOFTENING
STRESS RELIEVING
TEMPERING

ANNIHILATION REACTIONS

GS NUCLEAR REACTIONS
ANNIHILATION REACTIONS
POSITRON ANNIHILATION
RT ANTIPARTICLES
HIGH ENERGY INTERACTIONS
PHOTONS
PROTON-PROTON REACTIONS

ANNOTATIONS

RT ABSTRACTS
INFORMATION
SUMMARIES
ANNUAL VARIATIONS
UF SEASONAL VARIATIONS
GS VARIATIONS
PERIODIC VARIATIONS
ANNUAL VARIATIONS
RT ATMOSPHERIC CIRCULATION
BROWN WAVE EFFECT
CYCLES
GREEN WAVE EFFECT
MAGNETIC VARIATIONS
METEOROLOGICAL PARAMETERS
METEOROLOGY
MONSOONS
SEASONS
TEMPORAL DISTRIBUTION
WEATHER
WIND VARIATIONS

ANNULAR CORE PULSE REACTORS

GS NUCLEAR REACTORS
ANNUAL CORE PULSE REACTORS
RT ∞ NUCLEAR ENERGY
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
REACTOR CORES
REACTOR DESIGN
REACTOR MATERIALS
REACTOR PHYSICS
REACTOR SAFETY
REACTOR TECHNOLOGY
 ∞ REACTORS

ANNULAR DUCTS

GS DUCTS
ANNULAR DUCTS
RT AIR DUCTS
DUCT GEOMETRY
DUCTED BODIES
FLUID FLOW
INTAKE SYSTEMS
NOSE INLETS
OPENINGS
ORIFICES
VENTS

ANNULAR FLOW

GS FLUID FLOW
AXISYMMETRIC FLOW
ANNULAR FLOW
RT ANNULI
AXIAL FLOW
CHANNEL FLOW
COAXIAL FLOW
COUETTE FLOW
 ∞ FLOW
FLOW GEOMETRY
HEAT TRANSMISSION
NOZZLE FLOW
ONE DIMENSIONAL FLOW
TURBULENT FLOW

ANNULAR NOZZLES

RT ANNULI
COAXIAL FLOW
CONICAL NOZZLES
EXHAUST NOZZLES
INLET NOZZLES
 ∞ NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SHROUDED NOZZLES
SPRAY NOZZLES

ANNULAR PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ANNULAR PLATES
RT ANNULI
CIRCULAR PLATES
FLAT PLATES

ANNULAR SUSPENSION AND POINTING SYSTEM

GS FLIGHT CONTROL
POINTING CONTROL SYSTEMS
ANNULAR SUSPENSION AND
POINTING SYSTEM
RT MAGNETIC SUSPENSION
PAYLOADS
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM

ANNULI

ANNULAR SUSPENSION AND POINTING-(CONT)

SPACELAB
SPACELAB PAYLOADS
∞ SYSTEMS

ANNULI

RT ANALYTIC GEOMETRY
ANNULAR FLOW
ANNULAR NOZZLES
ANNULAR PLATES
FLOW MEASUREMENT
∞ RINGS

ANODES

GS ELECTRODES
ANODES
CELL ANODES
SHELL ANODES
TUBE ANODES
RT ACCUMULATORS
ANIONS
CATHODES
ELECTRODE MATERIALS
MULTI-ANODE MICROCHANNEL ARRAYS

ANODIC COATINGS

GS COATINGS
INORGANIC COATINGS
ANODIC COATINGS
PROTECTIVE COATINGS
RT ANODIZING
CATHODIC COATINGS
ELECTRODE MATERIALS
OXIDES

ANODIC STRIPPING

RT CLADDING
COATING
DELAMINATING
METAL COATINGS
PLATING
REMOVAL
∞ STRIPPING

ANODIZING

GS COATING
ANODIZING
DEPOSITION
ANODIZING
RT ANODIC COATINGS
PASSIVITY
PROTECTIVE COATINGS

ANOLYTES

GS CONDUCTORS
ELECTROLYTES
ANOLYTES
RT CATHOLYTES
CELL ANODES

ANOMALIES

GS ANOMALIES
GEOTHERMAL ANOMALIES
GRAVITY ANOMALIES
MAGNETIC ANOMALIES
GEOMAGNETIC HOLLOW
RT ANOMALOUS TEMPERATURE ZONES

ANOMALOUS TEMPERATURE ZONES

RT ANOMALIES
GEYSERS
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING
INSTRUMENTS
TEMPERATURE SCALES
TEMPERATURE SENSORS

ANORTHOSITE

GS ROCKS
IGNEOUS ROCKS
ANORTHOSITE
RT FELDSPARS
SOILS

ANOXIA

RT ANGINA PECTORIS
ASPHYXIA
HYPOXIA
STRESS (PHYSIOLOGY)

ANS

USE ASTRONOMICAL NETHERLANDS
SATELLITE

ANTARCTIC ENVIRONMENT

USE ICE ENVIRONMENTS

ANTARCTIC REGIONS

UF ANTARCTICA
GS REGIONS
POLAR REGIONS
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
REMOTE REGIONS
ANTARCTIC REGIONS
SOUTHERN HEMISPHERE
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
RT CLIMATOLOGY
CONTINENTS
LAND ICE
POLAR CAPS

ANTARCTICA

USE ANTARCTIC REGIONS

ANTARES ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ANTARES ROCKET VEHICLE
SOUNDING ROCKETS
ANTARES ROCKET VEHICLE
RT ATMOSPHERIC IONIZATION
SOLID PROPELLANT ROCKET ENGINES
X-254 ENGINE

ANTELOPE MISSILE

GS MISSILES
ANTELOPE MISSILE

ANTENNA ARRAYS

GS ARRAYS
ANTENNA ARRAYS
LINEAR ARRAYS
ENDFIRE ARRAYS
YAGI ANTENNAS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
TURNSTILE ANTENNAS
RT ANTENNAS
COBRA DANE (RADAR)
DIPOLE ANTENNAS
DIRECTIONAL ANTENNAS
LOG PERIODIC ANTENNAS
MICROWAVE ANTENNAS
PHASED ARRAYS
RETROREFLECTION
SPACE BASED RADAR

ANTENNA COMPONENTS

GS ANTENNA COMPONENTS
ANTENNA COUPLERS
DIRECTIONAL COUPLERS
ANTENNA FEEDS
RT COMMUNICATION EQUIPMENT
∞ COMPONENTS
COUPLERS
ELECTRONIC EQUIPMENT

ANTENNA COUPLERS

GS ANTENNA COMPONENTS
ANTENNA COUPLERS
DIRECTIONAL COUPLERS
COUPLERS
ANTENNA COUPLERS
COUPLING CIRCUITS
DIPLEXERS
DIRECTIONAL COUPLERS
RT ANTENNAS
COUPLES
COUPLING
ENERGY TRANSFER
IMPEDANCE MATCHING
MICROWAVE COUPLING
TRANSMISSION LINES

ANTENNA DESIGN

RT ANTENNAS
BACKLOBES
CASSEGRAIN ANTENNAS
DELTA ANTENNAS
∞ DESIGN
DIPOLE ANTENNAS
GRAVITATIONAL WAVE ANTENNAS
GREGORIAN ANTENNAS
HELICAL ANTENNAS

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ANTENNA DESIGN-(CONT)

HORN ANTENNAS
LENS ANTENNAS
∞ LOBES
LOG PERIODIC ANTENNAS
MAYPOLE ANTENNAS
MONOPOLE ANTENNAS
PARABOLIC ANTENNAS
PLASMA ANTENNAS
PRODUCT DEVELOPMENT
RHOMBIC ANTENNAS
SIDELOBES
SLOT ANTENNAS
SPACE TECHNOLOGY EXPERIMENTS
SPIRAL ANTENNAS
YAGI ANTENNAS

ANTENNA FEEDS

GS ANTENNA COMPONENTS
ANTENNA FEEDS
RT GREGORIAN ANTENNAS
STRIP TRANSMISSION LINES
TRANSMISSION LINES
WAVEGUIDES

ANTENNA FIELDS

USE ANTENNA RADIATION PATTERNS

ANTENNA RADIATION PATTERNS

UF ANTENNA FIELDS
GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
RT ANTENNAS
BACKLOBES
CYLINDRICAL ANTENNAS
DIRECTIONAL ANTENNAS
∞ FANS
FAR FIELDS
FIELD THEORY (PHYSICS)
FOOTPRINTS
FRESNEL REGION
GREGORIAN ANTENNAS
∞ LOBES
NEAR FIELDS
PLASMA ANTENNAS
∞ RADIATION
ROSETTE SHAPES
SCHELKUNOFF PRINCIPLE
SOMMERFELD APPROXIMATION
SUPPORT INTERFERENCE
SYNTHETIC ARRAYS

ANTENNAS

GS ANTENNAS
AIRCRAFT ANTENNAS
CASSEGRAIN ANTENNAS
CYLINDRICAL ANTENNAS
DELTA ANTENNAS
DIRECTIONAL ANTENNAS
DIPOLE ANTENNAS
HELICAL ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
LOG PERIODIC ANTENNAS
LOOP ANTENNAS
PARABOLIC ANTENNAS
RADAR ANTENNAS
RADANT
RHOMBIC ANTENNAS
SLOT ANTENNAS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
TWO REFLECTOR ANTENNAS
YAGI ANTENNAS
FURLABLE ANTENNAS
GRAVITATIONAL WAVE ANTENNAS
HOOP COLUMN ANTENNAS
MISSILE ANTENNAS
MONOPULSE ANTENNAS
MULTIPLE BEAM INTERVAL SCANNERS
OMNIDIRECTIONAL ANTENNAS
MONOPOLE ANTENNAS
WHIP ANTENNAS
TURNSTILE ANTENNAS
PLASMA ANTENNAS
RADIO ANTENNAS
MICROWAVE ANTENNAS
SPACETENNAS
SATELLITE ANTENNAS
SCHWARZSCHILD ANTENNAS
SPACECRAFT ANTENNAS
SPHERICAL ANTENNAS

ANTENNAS-(CONT)

SPIRAL ANTENNAS
 LOG SPIRAL ANTENNAS
 WAVEGUIDE ANTENNAS
 HORN ANTENNAS
 RT ANTENNA ARRAYS
 ANTENNA COUPLERS
 ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 ARRAYS
 CONDUCTORS
 CORNERS
 CURRENT SHEETS
 ELECTROMAGNETIC RADIATION
 FOLDING STRUCTURES
 GREGORIAN ANTENNAS
 NEAR FIELDS
 RADIATION HARDENING
 ∞ RADIATORS
 RADIO EQUIPMENT
 RADIO TELESCOPES
 REFLECTORS
 SLEWING
 SPACE TECHNOLOGY EXPERIMENTS
 TELECOMMUNICATION
 TELESCOPES
 TOWERS
 TRANSMITTERS

ANTHEUS AIRCRAFT

USE AN-22 AIRCRAFT

ANTHRACENE

GS ALIPHATIC COMPOUNDS
 CYCLIC HYDROCARBONS
 ANTHRACENE
 HYDROCARBONS
 CYCLIC HYDROCARBONS
 ANTHRACENE
 RT ANTHRAQUINONES
 PHENANTHRENE

ANTHRAQUINONES

GS ALIPHATIC COMPOUNDS
 KETONES
 ANTHRAQUINONES
 RT ANTHRACENE
 DYES

ANTHROPOLOGY

RT ABORIGINES
 AMERICAN INDIANS
 ANTHROPOMETRY
 ARCHAEOLOGY
 ARTIFACTS
 CASE HISTORIES
 CITIES
 CULTURE (SOCIAL SCIENCES)
 ESKIMOS
 HUMAN BEINGS
 MINORITIES
 MUSEUMS
 RACE FACTORS
 RACES
 ∞ SCIENCE
 SOCIAL FACTORS
 SOCIOLOGY

ANTHROPOMETRY

GS BIOENGINEERING
 BIOMETRICS
 BODY MEASUREMENT (BIOLOGY)
 ANTHROPOMETRY
 RT ANTHROPOLOGY
 BODY SIZE (BIOLOGY)
 ∞ ENGINEERING
 HUMAN FACTORS ENGINEERING

ANTIADRENERGICS

GS DRUGS
 ANTIADRENERGICS
 RT ADRENERGICS

ANTIAIRCRAFT MISSILES

GS MISSILES
 ANTI-AIRCRAFT MISSILES
 BOMARC MISSILES
 FALCON MISSILE
 MAULER MISSILE
 NIKE-AJAX MISSILE
 NIKE HERCULES MISSILE
 REDEYE MISSILE
 SIAM MISSILES
 SIDEWINDER MISSILES
 TARTAR MISSILE

ANTIAIRCRAFT MISSILES-(CONT)

TERRIER MISSILE
 RT AIR TO AIR MISSILES
 ANTIMISSILE MISSILES
 NIKE MISSILES
 RAMJET MISSILES
 SURFACE TO AIR MISSILES

ANTIBIOTICS

GS DRUGS
 ANTIBIOTICS
 PENICILLIN
 PLEUROTIN
 STREPTOMYCIN
 TETRACYCLINES
 RT ANTIINFECTIVES AND ANTIBACTERIALS
 MICROORGANISMS
 STEROIDS

ANTIBODIES

GS ANTIBODIES
 GAMMA GLOBULIN
 RT ANTISERUMS
 BIOCOMPATIBILITY
 IMMUNOLOGY
 INOCULUM
 PHYSIOLOGICAL DEFENSES
 VACCINES

ANTICHOLINERGICS

UF CHOLINERGIC BLOCKING AGENTS
 GS DRUGS
 CHOLINERGICS
 ANTI-CHOLINERGICS
 RT CURARE

ANTICLINES

UF ANTICLINORIA
 RT DOMES (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STRATA
 STRATIFICATION
 STRATIGRAPHY
 SYNCLINES

ANTICLINORIA

USE ANTICLINES

ANTICOAGULANTS

RT ADRENERGICS
 ∞ AGENTS
 HEPARINS
 PRESERVATIVES
 STABILIZERS (AGENTS)

ANTICONVULSANTS

GS DRUGS
 ANTI-CONVULSANTS
 RT HEXAMETHONIUM

ANTICYCLONES

RT AIR MASSES
 ATMOSPHERIC PRESSURE
 CYCLONES
 HIGH PRESSURE
 METEOROLOGY
 SYNOPTIC METEOROLOGY

ANTIURETICS

GS DRUGS
 ANTIURETICS
 RT URINE

ANTIDOTES

GS DRUGS
 ANTIDOTES
 RT INHIBITORS

ANTIEMETICS AND ANTINAUSEANTS

GS DRUGS
 ANTIEMETICS AND ANTINAUSEANTS
 RT NAUSEA

ANTIFERROELECTRICITY

GS ELECTROMAGNETIC PROPERTIES
 ELECTRICAL PROPERTIES
 ANTIFERROELECTRICITY
 RT DIELECTRIC PROPERTIES
 FERROELECTRICITY
 HYSTERESIS
 ∞ POLARIZATION

ANTIFERROMAGNETISM

GS MAGNETIC PROPERTIES
 ANTIFERROMAGNETISM
 RT FERROMAGNETISM
 HYSTERESIS
 MAGNETIC SWITCHING
 MAGNONS
 NEEL TEMPERATURE
 PARAMAGNETISM

ANTIFOULING

GS FOULING
 ANTIFOULING
 RT ∞ AGENTS
 CLEANING
 CONTAMINATION
 CORROSION PREVENTION
 INHIBITORS
 STERILIZATION

ANTIFREEZES

GS ADDITIVES
 ANTIFREEZES
 RT ANTICING ADDITIVES
 FREEZING

ANTIFRICTION BEARINGS

GS BEARINGS
 ANTI-FRICTION BEARINGS
 BALL BEARINGS
 ROLLER BEARINGS
 RT FRICTION REDUCTION
 GAS BEARINGS
 JOURNAL BEARINGS
 NEEDLE BEARINGS
 ROLLING CONTACT LOADS
 THRUST BEARINGS

ANTIGENS

RT ANAPHYLAXIS
 BIOCOMPATIBILITY
 IMMUNOASSAY
 IMMUNOLOGY
 INOCULUM
 PHYSIOLOGICAL DEFENSES
 RADIOIMMUNOASSAY
 RHESUS FACTOR
 VACCINES

ANTIGRAVITY

RT GRAVITATION
 REDUCED GRAVITY

ANTIHISTAMINICS

GS DRUGS
 ANTIHISTAMINICS
 DIMENHYDRINATE
 DIPHENYL HYDANTOIN
 PROMETHAZINE
 RT DECONGESTANTS
 HISTAMINES

ANTIHYPERTENSIVE AGENTS

GS DRUGS
 ANTIHYPERTENSIVE AGENTS
 RT RESERPINE

ANTICING ADDITIVES

GS ADDITIVES
 ANTICING ADDITIVES
 RT ANTIFREEZES
 DEICERS
 DEICING
 FUEL CONTAMINATION
 ICE PREVENTION
 INHIBITORS
 PROPELLANT ADDITIVES
 RETARDANTS

ANTIINFECTIVES AND ANTIBACTERIALS

GS DRUGS
 ANTIINFECTIVES AND ANTIBACTERIALS
 RT ANTIBIOTICS
 ANTISEPTICS
 BACTERICIDES
 CONTAMINATION
 FUNGICIDES

ANTIKNOCK ADDITIVES

GS ADDITIVES
 ANTIKNOCK ADDITIVES
 RT AUTOMOBILE FUELS
 GASOLINE

ANTIMATTER

ANTIKNOCK ADDITIVES-(CONT)

∞ OCTANE
OCTANES
RETARDANTS

ANTIMATTER

GS **ANTIMATTER**
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
RT MATTER (PHYSICS)

ANTIMISSILE DEFENSE

SN (PROTECTION AGAINST MISSILE
ATTACK)
GS AIR DEFENSE
RT **ANTIMISSILE DEFENSE**
ANTIRADIATION MISSILES
CIVIL DEFENSE
∞ DEFENSE
DEFENSE INDUSTRY
DEFENSE PROGRAM
MILITARY TECHNOLOGY
MISSILE DEFENSE
MISSILES
OPTICAL COUNTERMEASURES
SAFEGUARD SYSTEM
SENTINEL SYSTEM
SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)

ANTIMISSILE MISSILES

GS MISSILES
ANTIMISSILE MISSILES
MAULER MISSILE
NIKE-ZEUS MISSILE
SPARTAN MISSILE
SPRINT MISSILE
RT ANTI-AIRCRAFT MISSILES
BALLISTIC MISSILES
INFRARED TRACKING
MISSILE DEFENSE
NIKE MISSILES
NIKE X SYSTEMS
SENTINEL SYSTEM
SIAM MISSILES
SPACE WEAPONS
SURFACE TO AIR MISSILES

ANTIMISTING FUELS

RT ADDITIVES
AIRCRAFT FUELS
FLAME RETARDANTS
JET ENGINE FUELS
KEROSENE

ANTIMONIDES

GS ANTIMONY COMPOUNDS
ANTIMONIDES
ALUMINUM ANTIMONIDES
CADMIUM ANTIMONIDES
CESIUM ANTIMONIDES
GALLIUM ANTIMONIDES
GERMANIUM ANTIMONIDES
INDIUM ANTIMONIDES
ZINC ANTIMONIDES

ANTIMONY

GS CHEMICAL ELEMENTS
METALLOIDS
ANTIMONY
RT METALS

ANTIMONY ALLOYS

GS ALLOYS
ANTIMONY ALLOYS
BABBITT METAL
RT MULBERRY (ALLOY)

ANTIMONY COMPOUNDS

GS **ANTIMONY COMPOUNDS**
ANTIMONIDES
ALUMINUM ANTIMONIDES
CADMIUM ANTIMONIDES
CESIUM ANTIMONIDES
GALLIUM ANTIMONIDES
GERMANIUM ANTIMONIDES
INDIUM ANTIMONIDES
ZINC ANTIMONIDES
ANTIMONY FLUORIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 5A COMPOUNDS

ANTIMONY COMPOUNDS-(CONT)

∞ METAL COMPOUNDS

ANTIMONY FLUORIDES

GS ANTIMONY COMPOUNDS
ANTIMONY FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
ANTIMONY FLUORIDES
HALIDES
FLUORIDES
ANTIMONY FLUORIDES

ANTIMONY ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
ANTIMONY ISOTOPES
NUCLIDES
ISOTOPES
ANTIMONY ISOTOPES
METALS
ANTIMONY ISOTOPES

ANTINEUTRINOS

GS **ANTIMATTER**
ANTIPARTICLES
ANTINEUTRINOS
PARTICLES
ELEMENTARY PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
FERMIONS
LEPTONS
ANTINEUTRINOS
NUCLEAR PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
RT CHARGED PARTICLES
NEUTRINOS

ANTINODES

RT NODES (STANDING WAVES)
RAREFACTION
RESONANT FREQUENCIES
STANDING WAVES
VIBRATION
WAVELENGTHS

ANTINUCLEONS

GS **ANTIMATTER**
ANTIPARTICLES
ANTINUCLEONS
PARTICLES
ELEMENTARY PARTICLES
ANTIPARTICLES
ANTINUCLEONS
NUCLEAR PARTICLES
ANTIPARTICLES
ANTINUCLEONS
RT NUCLEONS

ANTIOXIDANTS

GS ADDITIVES
ANTIOXIDANTS
RT ADDITIVES
∞ AGENTS
CORROSION PREVENTION
CORROSION RESISTANCE
INHIBITORS
PRESERVATIVES
PROPELLANT ADDITIVES
RETARDANTS
STABILIZERS (AGENTS)

ANTIPARTICLES

GS **ANTIMATTER**
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
PARTICLES
ELEMENTARY PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
NUCLEAR PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS

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ANTIPARTICLES-(CONT)

RT ANNIHILATION REACTIONS
CHARGED PARTICLES
HYPERONS
POMERANCHUK THEOREM
POSITRON ANNIHILATION

ANTIPODES

RT APSIDES
IONOSPHERIC PROPAGATION
PROPAGATION MODES
RADIO TRANSMISSION
ZENITH

ANTIPROTONS

GS **ANTIMATTER**
ANTIPARTICLES
ANTIPROTONS
IONS
ANTIPROTONS
PARTICLES
CHARGED PARTICLES
ANTIPROTONS
ELEMENTARY PARTICLES
ANTIPARTICLES
ANTIPROTONS
NUCLEAR PARTICLES
ANTIPARTICLES
ANTIPROTONS
RT PROTONS

ANTIQUITIES

RT ARTIFACTS
TOOLS
WEAPONS

ANTIRADAR COATINGS

UF RADAR ABSORBING MATERIALS
GS COATINGS
ANTIRADAR COATINGS
COUNTERMEASURES
ELECTRONIC COUNTERMEASURES
ANTIRADAR COATINGS
RT ELECTRONIC WARFARE
INORGANIC COATINGS
METAL COATINGS
PLASTIC COATINGS
RADAR ABSORBERS
∞ RAM

ANTIRADIATION DRUGS

UF RADIOPROTECTIVE AGENTS
GS DRUGS
ANTIRADIATION DRUGS
RT NUCLEAR MEDICINE
PHARMACOLOGY
RADIATION PROTECTION
RADIATION SICKNESS
RADIOBIOLOGY
RADIOPATHOLOGY

ANTIRADIATION MISSILES

GS MISSILES
ANTIRADIATION MISSILES
RT AIR DEFENSE
ANTIMISSILE DEFENSE
COUNTERMEASURES
DIGITAL RADAR SYSTEMS
MILITARY TECHNOLOGY
MISSILE DEFENSE
REMOTE CONTROL

ANTIREFLECTION COATINGS

GS COATINGS
ANTIREFLECTION COATINGS
RT LENS DESIGN
OPTICAL REFLECTION
OPTICAL THICKNESS
SOLAR CELLS

ANTISEPTICS

UF DISINFECTANTS
RT ACRIFLAVINE
ANTIINFECTIVES AND ANTIBACTERIALS
BACTERICIDES
CHEMICAL STERILIZATION
CHEMOTHERAPY
CLEANING
DECONTAMINATION
ENVIRONMENTAL CONTROL
FUMIGATION
INFECTIOUS DISEASES
PURIFICATION
STERILIZATION

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APOLLO ASTEROIDS

ANTISERUMS

RT ANTIBODIES
IMMUNOLOGY
SERUMS
VACCINES

ANTISHIP MISSILES

GS MISSILES
ANTISHIP MISSILES
RT CRUISE MISSILES
SEA LAUNCHING
SHIPS
SUBMARINES
WEAPON SYSTEMS

ANTISHIP WARFARE

GS WARFARE
ANTISHIP WARFARE
RT MISSILES
SEA LAUNCHING
SHIPS
SUBMARINES
WARHEADS
WEAPONS

ANTISKID DEVICES

RT AIRCRAFT BRAKES
ARRESTING GEAR
AUTOMOBILES
BRAKES (FOR ARRESTING MOTION)
∞ DEVICES
LANDING AIDS
SAFETY DEVICES
TRUCKS
WHEEL BRAKES

ANTISTATIC DEVICES

USE STATIC DISCHARGERS

ANTISUBMARINE WARFARE

GS WARFARE
ANTISUBMARINE WARFARE
RT ASROC ENGINE
MILITARY TECHNOLOGY
SONOBUOYS
SUBMARINES
TORPEDOES
UNDERWATER EXPLOSIONS
UNDERWATER TRAJECTORIES

ANTISUBMARINE WARFARE AIRCRAFT

GS ANTISUBMARINE WARFARE AIRCRAFT
BREGUET 1150 AIRCRAFT
CL-84 AIRCRAFT
P-3 AIRCRAFT
S-3 AIRCRAFT
SH-3 HELICOPTER
SH-4 HELICOPTER
RT ∞ AIRCRAFT
ATTACK AIRCRAFT
BOMBER AIRCRAFT
DRONE AIRCRAFT
H-25 HELICOPTER
∞ MILITARY AIRCRAFT
OBSERVATION AIRCRAFT
P-531 HELICOPTER
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER
SUBMERSIBLE AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

ANTISYMMETRY

RT ASYMMETRY
SYMMETRY

ANTITANK MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
SHILLELAGH MISSILES
TOW MISSILES

ANTONOV AIRCRAFT

GS ANTONOV AIRCRAFT
AN-2 AIRCRAFT
AN-22 AIRCRAFT
AN-24 AIRCRAFT
RT ∞ AIRCRAFT

ANTONOV AN-22 AIRCRAFT

USE AN-22 AIRCRAFT

ANTONOV AN-24 AIRCRAFT

USE AN-24 AIRCRAFT

ANVIL CLOUDS

GS CLOUDS
ANVIL CLOUDS
RT ATMOSPHERIC MOISTURE
CLIMATOLOGY
CLOUD COVER
FOG
METEOROLOGY
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
THUNDERSTORMS
WEATHER

ANVILS

RT COMPRESSING
TOOLS

ANXIETY

RT DETACHMENT
FEAR
PHOBIAS
TAYLOR MANIFEST ANXIETY SCALE

AO-1 AIRCRAFT

USE OV-1 AIRCRAFT

AOIPS

USE ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS

AORTA

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
RT HEART

AOSO

UF ADVANCED ORBITING SOLAR
OBSERVATORY
GS OBSERVATORIES
AOSO
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
AOSO
RT SUN

APACHE ROCKET VEHICLE

GS ROCKET VEHICLES
SOUNDING ROCKETS
APACHE ROCKET VEHICLE
RT SONDES

APATITES

USE CALCIUM PHOSPHATES
MINERALS

APERIODIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
APERIODIC FUNCTIONS
FUNCTIONS (MATHEMATICS)
APERIODIC FUNCTIONS
RT COMPLEX VARIABLES
REAL VARIABLES

APERTURES

GS OPENINGS
APERTURES
IRISES (MECHANICAL APERTURES)
SYNTHETIC APERTURES
RT BOUNDARY ELEMENT METHOD
CAVITIES
DOORS
GATES (OPENINGS)
INFRARED WINDOWS
LOUVERS
ORIFICES
OUTLETS
PINHOLE CAMERAS
PORTS (OPENINGS)
SLITS
SYNTHETIC ARRAYS
VENTS
WINDOWS (APERTURES)

APES

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
APES
CHIMPANZEES

APEXES

UF VERTICES
RT ALTITUDE
APHELIONS
APOGEES
MAXIMA
ORBITS
∞ PEAKS
PLATEAUS
TRAJECTORIES
ZENITH

APHELIONS

SN (APASTRONS IN THE SOLAR SYSTEM)
GS APSIDES
APHELIONS
ORBITS
APHELIONS
RT APEXES
PERIHELIONS

APL (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
APL (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING

APNEA

USE RESPIRATION

APOGEE BOOST MOTORS

UF ABM
GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
APOGEE BOOST MOTORS
SOLID PROPELLANT ROCKET
ENGINES
APOGEE BOOST MOTORS
RT ∞ BOOSTERS
MOTORS

APOGEES

GS APSIDES
APOGEES
ORBITS
EARTH ORBITS
APOGEES
ELLIPTICAL ORBITS
APOGEES
RT APEXES
PERIGEEES

APOLLO APPLICATIONS PROGRAM

GS PROGRAMS
NASA PROGRAMS
APOLLO APPLICATIONS PROGRAM
NASA SPACE PROGRAMS
APOLLO APPLICATIONS PROGRAM
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
AIRLOCK MODULES
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY PROGRAM
SATURN PROJECT
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB PROGRAM

APOLLO ASTEROIDS

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
APOLLO ASTEROIDS
RT ASTRONOMY
CHIRON
EARTH ORBITS
JUPITER (PLANET)
MARS (PLANET)
PLANETARY ORBITS
SOLAR SYSTEM

APOLLO EXTENSION SYSTEM

APOLLO EXTENSION SYSTEM

RT EXOBIOLOGY
EXTRAVEHICULAR ACTIVITY
LUNAR LANDING MODULES
MANNED SPACE FLIGHT
NASA PROGRAMS
ORBITAL WORKSHOPS
∞ SYSTEMS

APOLLO FLIGHTS

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
RT SKYLAB PROGRAM

APOLLO LUNAR EXPERIMENT MODULE

GS LUNAR SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
MANEUVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
MANNED SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
SOFT LANDING SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
SPACECRAFT COMPONENTS
APOLLO LUNAR EXPERIMENT
MODULE
RT LUNAR EXPLORATION
LUNAR LANDING

APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE

UF ALSEP
GS PACKAGES
APOLLO LUNAR SURFACE
EXPERIMENTS PACKAGE
RT ∞ INSTRUMENTS
LUNAR EXPLORATION
LUNAR RETROREFLECTORS
PAYLOADS
∞ SURFACES

APOLLO PROJECT

GS PROGRAMS
LUNAR PROGRAMS
APOLLO PROJECT
NASA PROGRAMS
APOLLO PROJECT
NASA SPACE PROGRAMS
APOLLO PROJECT
PROJECTS
APOLLO PROJECT
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
COMMAND SERVICE MODULES
LSSM
LUNAR EXPLORATION

APOLLO PROJECT-(CONT)

LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR MOBILE LABORATORIES
LUNAR PROBES
MANNED SPACECRAFT
MARQUARDT R4D ENGINE
MERCURY PROJECT
SATURN LAUNCH VEHICLES
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SIM
SITE DATA PROCESSORS
SKYLAB PROGRAM
SOFT LANDING SPACECRAFT

APOLLO SHORT STACK

RT SPACECRAFT CONFIGURATIONS

APOLLO SOYUZ TEST PROJECT

UF ASTP
GS PROGRAMS
PROJECTS
APOLLO SOYUZ TEST PROJECT
RT INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
MANNED SPACECRAFT
RENDEZVOUS
SOYUZ SPACECRAFT
SPACE FLIGHT
SPACE MISSIONS
SPACE PROGRAMS
SPACE RENDEZVOUS
SPACECREW TRANSFER
U S R SPACE PROGRAM

APOLLO SPACECRAFT

GS LUNAR SPACECRAFT
APOLLO SPACECRAFT
MANEUVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
MANNED SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
SOFT LANDING SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
RT COMMAND MODULES
LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
LUNAR MODULE 7
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
SATURN PROJECT
SERVICE MODULES
SKYLAB PROGRAM
UNIFIED S BAND

APOLLO TELESCOPE MOUNT

GS SPACECRAFT CONFIGURATIONS
APOLLO TELESCOPE MOUNT
TELESCOPES
APOLLO TELESCOPE MOUNT
RT SKYLAB PROGRAM

APOLLO 5 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 5 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 6 FLIGHT

GS SPACE FLIGHT

NASA THESAURUS (VOLUME 1)

APOLLO 6 FLIGHT-(CONT)

MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 6 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 7 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 7 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 8 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 8 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 9 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 9 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE

APOLLO 10 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 10 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 11 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 11 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 12 FLIGHT

GS SPACE FLIGHT

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APPROXIMATION

APOLLO 12 FLIGHT-(CONT)

GS MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 12 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 13 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 13 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 14 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 14 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 15 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 15 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES
SIM

APOLLO 16 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 16 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 17 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 17 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APPALACHIAN MOUNTAINS (NORTH AMERICA)

GS LANDFORMS
MOUNTAINS
APPALACHIAN MOUNTAINS (NORTH
AMERICA)
RT NORTH AMERICA

APPARATUS

USE EQUIPMENT

APPEARANCE

RT IMAGERY
QUALITY
VISIBILITY

APPENDAGES

GS APPENDAGES
ARM (ANATOMY)
ELBOW (ANATOMY)
FOREARM
HAND (ANATOMY)
LEG (ANATOMY)
KNEE (ANATOMY)
RT ANATOMY
HUMAN BODY
LIMBS (ANATOMY)

APPENDIX (ANATOMY)

GS ANATOMY
DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
APPENDIX (ANATOMY)
VISCERA
APPENDIX (ANATOMY)
RT INTESTINES

APPLICATION

USE UTILIZATION

APPLICATIONS EXPLORER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
APPLICATIONS EXPLORER
SATELLITES
RT HEAT CAPACITY MAPPING MISSION

∞ APPLICATIONS OF MATHEMATICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

UF MATHEMATICAL ANALYSIS
RT ANALYSIS (MATHEMATICS)
APPROXIMATION
COMBINATORIAL ANALYSIS
COMPUTATION
DIMENSIONAL ANALYSIS
DYNAMIC PROGRAMMING
ECONOMETRICS
ERROR ANALYSIS
FINITE ELEMENT METHOD
FRACTALS
FUNCTIONS (MATHEMATICS)
INFORMATION THEORY
KALMAN-SCHMIDT FILTERING
LINEAR PROGRAMMING
MATHEMATICAL MODELS
NONLINEAR PROGRAMMING
NUMERICAL ANALYSIS
OPERATIONAL CALCULUS
OPERATIONS RESEARCH
OPTIMIZATION
PARAMETERIZATION
PROBABILITY THEORY
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
TIME SERIES ANALYSIS

APPLICATIONS PROGRAMS (COMPUTERS)

GS COMPUTER PROGRAMS
APPLICATIONS PROGRAMS
(COMPUTERS)
RT COMPUTER PROGRAMS
COMPUTERS

APPLICATIONS TECHNOLOGY SATELLITES

USE ATS

APPROACH

GS APPROACH
AIRBORNE RADAR APPROACH
DELAYED FLAP APPROACH
INSTRUMENT APPROACH
RT AIR TRAFFIC CONTROL

APPROACH-(CONT)

AIRCRAFT APPROACH SPACING
ARRIVALS
DESCENT
FLIGHT PATHS
FLIGHT PLANS
GROUND BASED CONTROL
GUIDANCE (MOTION)
LANDING
LANDING AIDS
PASSAGEWAYS
TOUCHDOWN

APPROACH AND LANDING TESTS (STS)

RT EVALUATION
HORIZONTAL SPACECRAFT LANDING
LANDING
MANNED SPACECRAFT
PROVING
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
SPACECRAFT LANDING
∞ TESTS
TOUCHDOWN

APPROACH CONTROL

GS APPROACH CONTROL
RADAR APPROACH CONTROL
RT AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT COMMUNICATION
AIRCRAFT GUIDANCE
AIRCRAFT MANEUVERS
AUTOMATED EN ROUTE ATC
COLLISION AVOIDANCE
∞ CONTROL
FLIGHT PATHS
GLIDE PATHS
GROUND BASED CONTROL
INSTRUMENT APPROACH
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
LANDING RADAR
MICROWAVE LANDING SYSTEMS
NIGHT FLIGHTS (AIRCRAFT)
RUNWAY LIGHTS
TRACKING (POSITION)
TRAFFIC CONTROL
VISUAL CONTROL

APPROACH INDICATORS

GS AIRCRAFT INSTRUMENTS
APPROACH INDICATORS
DISPLAY DEVICES
APPROACH INDICATORS
FLIGHT INSTRUMENTS
APPROACH INDICATORS
LANDING AIDS
LANDING INSTRUMENTS
APPROACH INDICATORS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
APPROACH INDICATORS
RT AIR TRAFFIC CONTROL
ALTIMETERS
BLIND LANDING
GLIDE PATHS
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
MICROWAVE SCANNING BEAM LANDING
SYSTEM
NAVIGATION AIDS
RADAR APPROACH CONTROL
SOLAR COMPASSES
SPEED INDICATORS

APPROPRIATIONS

RT BUDGETING
COST ESTIMATES
FEDERAL BUDGETS
GRANTS

APPROXIMATION

UF APPROXIMATION METHODS
NOMINAL VALUES
TRUNCATION (MATHEMATICS)
GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
BORN APPROXIMATION
BORN-OPPENHEIMER
APPROXIMATION
CHEBYSHEV APPROXIMATION
EDDINGTON APPROXIMATION

APPROXIMATION METHODS

APPROXIMATION-(CONT)

FINITE DIFFERENCE THEORY
FINITE ELEMENT METHOD
HARTREE APPROXIMATION
LEAST SQUARES METHOD
MEAN SQUARE VALUES
MILNE METHOD
NEWTON-RAPHSON METHOD
NUMERICAL DIFFERENTIATION
OSEN APPROXIMATION
PADE APPROXIMATION
PARTICLE IN CELL TECHNIQUE
POHLHAUSEN METHOD
RAYLEIGH-RITZ METHOD
RELAXATION METHOD
(MATHEMATICS)
RITZ AVERAGING METHOD
SOMMERFELD APPROXIMATION
RT ∞ APPLICATIONS OF MATHEMATICS
CENSORED DATA (MATHEMATICS)
DIFFERENCE EQUATIONS
∞ EQUATIONS
FORM FACTORS
GLAUBER THEORY
∞ METHODOLOGY
MINIMAX TECHNIQUE
NUMERICAL STABILITY
PROBLEM SOLVING
∞ RELATIONSHIPS
SPLINE FUNCTIONS
STATIC MODELS
STATISTICAL ANALYSIS

APPROXIMATION METHODS

USE APPROXIMATION

APSIDAL ANGLES

USE APSIDES

APSIDES

UF APSIDAL ANGLES
GS APSIDES
APHELIONS
APOGEES
PERIGEEES
PERIHELIONS
PERILUNES
RT ANGLES (GEOMETRY)
ANTIPODES
ELLIPTICAL ORBITS
ORBITAL MECHANICS

APT (PICTURE TRANSMISSION)

USE AUTOMATIC PICTURE TRANSMISSION

APTITUDE

RT LEARNING
PERSONNEL SELECTION

AQUARID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
AQUARID METEORIODS
METEORIODS
AQUARID METEORIODS
RT ORIONID METEORIODS

AQUATIC PLANTS

GS PLANTS (BOTANY)
AQUATIC PLANTS
RT AQUICULTURE
HYDROPONICS
MARINE BIOLOGY

AQUEOUS SOLUTIONS

GS MIXTURES
SOLUTIONS
AQUEOUS SOLUTIONS
RT HYDRATES
SOLVATION

AQUICULTURE

RT AQUATIC PLANTS
FISHERIES
FISHES
HYDROPONICS
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE RESOURCES
MARINE TECHNOLOGY
∞ NUTRIENTS
TIDAL FLATS

AQUIFERS

GS RESOURCES
AQUIFERS
RT FRESH WATER
GRAVELS
GROUND WATER
HYDROGEOLOGY
HYDROLOGY
HYDROTHERMAL SYSTEMS
LAKES
LIMNOLOGY
OASES
PERMEABILITY
PONDS
POROSITY
RAIN
SANDS
SPRINGS (WATER)
STREAMS
WATER
WATER TABLES
WELLS

ARABIAN COMMERCIAL SATELLITE

USE ARCOMSAT

ARABIAN SEA

GS SEAS
ARABIAN SEA
RT INDIAN OCEAN

ARABSAT

GS SATELLITES
ARTIFICIAL SATELLITES
ARABSAT
RT INTERNATIONAL COOPERATION
SAUDI ARABIAN SPACE PROGRAM

ARAGONITE

GS CALCIUM COMPOUNDS
CALCIUM CARBONATES
ARAGONITE
CARBON COMPOUNDS
CARBONATES
CALCIUM CARBONATES
ARAGONITE
MINERALS
ARAGONITE
SILICON COMPOUNDS
SILICATES
ARAGONITE
RT CALCITE

ARC CHAMBERS

RT ∞ CHAMBERS
ELECTRIC ARCS
PLASMA GENERATORS
THRUST CHAMBERS

ARC CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
CUMULONIMBUS CLOUDS
ARC CLOUDS
RT METEOROLOGY
OBSERVATION AIRCRAFT
SATELLITE OBSERVATION

ARC DISCHARGES

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
ARC DISCHARGES
RT ELECTRIC ARCS

ARC GENERATORS

RT ELECTRIC ARCS
ELECTRIC GENERATORS
ELECTROSTATIC GENERATORS
∞ GENERATORS
∞ INDUCTION
INDUCTORS
PLASMA GENERATORS
SPARK GAPS
SPARK PLUGS
VOLTAGE GENERATORS

ARC HEATING

UF GERDIEN ARC HEATERS
GS HEATING
ARC HEATING
RT GAS HEATING
IMAGE FURNACES
PLASMA HEATING

NASA THESAURUS (VOLUME 1)

ARC HEATING-(CONT)

RESISTANCE HEATING
SAHA EQUATIONS

ARC JET ENGINES

GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
ARC JET ENGINES
RT ELECTRIC PROPULSION
ELECTROSTATIC ENGINES
ION ENGINES
PLASMA ENGINES
RESISTOJET ENGINES

ARC LAMPS

GS LIGHTING EQUIPMENT
LUMINAIRES
ARC LAMPS
RT CARBON ARCS
LIGHT SOURCES
MERCURY ARCS
SEARCHLIGHTS
XENON LAMPS

ARC MELTING

GS PHASE TRANSFORMATIONS
ARC MELTING
RT DROP TRANSFER
ELECTROSLAG REFINING
VACUUM MELTING
ZONE MELTING

ARC SPRAYING

UF PLASMA ARC SPRAYING
GS SPRAYING
ARC SPRAYING
RT METAL SPRAYING

ARC WELDING

GS WELDING
ELECTRIC WELDING
ARC WELDING
GAS TUNGSTEN ARC WELDING
PLASMA ARC WELDING
RT ELECTRON BEAM WELDING
PRESSURE WELDING
SPOT WELDS
SPUTTERING

ARCAS ROCKET VEHICLES

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
ARCAS ROCKET VEHICLES
SOUNDING ROCKETS
ARCAS ROCKET VEHICLES
RT RADIOSONDES
SOLID PROPELLANT ROCKET ENGINES
∞ VEHICLES

ARCHAEOLOGY

RT ANTHROPOLOGY
CULTURAL RESOURCES
FOSSILS
PALEOMAGNETISM

ARCHES

RT PERFORATED SHELLS
RIGID STRUCTURES
SHELLS (STRUCTURAL FORMS)
TRUSSES

ARCHIPELAGOES

RT ALEUTIAN ISLANDS (US)
ISLANDS
LANDFORMS
SEAS
SPITSBERGEN (NORWAY)
VIRGIN ISLANDS

ARCHITECTURE

RT ACOUSTICS
∞ BUILDINGS
CONSTRUCTION
∞ CONSTRUCTION MATERIALS
HUMAN FACTORS ENGINEERING
ILLUMINATING
PLANT DESIGN
STARSITE PROGRAM
STRUCTURAL DESIGN
∞ STRUCTURES

- ARCHITECTURE (COMPUTERS)**
 RT COMPUTER DESIGN
 CONCURRENT PROCESSING
 DISTRIBUTED PROCESSING
 LOGIC CIRCUITS
 LOGIC DESIGN
 MEMORY (COMPUTERS)
 MODULARITY
 SOFTWARE TOOLS
 VERY LARGE SCALE INTEGRATION
- ARCOMSAT**
 UF ARABIAN COMMERCIAL SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
ARCOMSAT
 RT AFRICA
 INTERNATIONAL COOPERATION
 SAUDI ARABIAN SPACE PROGRAM
 SYMPHONIE SATELLITES
 SYNCHRONOUS SATELLITES
- ARCON ROCKET VEHICLE**
 GS ROCKET VEHICLES
ARCON ROCKET VEHICLE
 RT ∞ VEHICLES
- ∞ ARCS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AURORAL ARCS
 CURVES (GEOMETRY)
 ELECTRIC ARCS
 ISLAND ARCS
 MAGNETIC ANNULAR ARC
 PLASMA JETS
 RED ARCS
- ARCTIC ENVIRONMENTS**
 USE ICE ENVIRONMENTS
- ARCTIC OCEAN**
 GS OCEANS
ARCTIC OCEAN
 RT BARENTS SEA
 BEAUFORT SEA (NORTH AMERICA)
 GREENLAND
 SPITSBERGEN (NORWAY)
- ARCTIC REGIONS**
 GS NORTHERN HEMISPHERE
ARCTIC REGIONS
 REGIONS
 POLAR REGIONS
ARCTIC REGIONS
 REMOTE REGIONS
ARCTIC REGIONS
 RT CHUCKCHI SEA
 CLIMATOLOGY
 GEOGRAPHY
 MUSKEGS
 NUNATAKS
 POLAR CAPS
 SIBERIA
 SUBARCTIC REGIONS
 TUNDRA
- AREA**
 RT ∞ CROSS SECTIONS
 GEOMETRY
 INTEGRAL CALCULUS
 LINE OF SIGHT
 ∞ SECTORS
 ∞ SURFACES
 VOLUME
- AREA NAVIGATION**
 GS NAVIGATION
 AIR NAVIGATION
AREA NAVIGATION
 RT FLIGHT PATHS
 GROUND TRACKS
- AREND-ROLAND COMET**
 GS CELESTIAL BODIES
 COMETS
AREND-ROLAND COMET
 RT SOLAR SYSTEM
- ARES (SPACECRAFT)**
 USE ADVANCED RECONN ELECTRIC SPACECRAFT
- ARETS**
 USE ARIZONA REGIONAL ECOLOGICAL TEST SITE
- ARGENTINA**
 GS NATIONS
ARGENTINA
 RT SOUTH AMERICA
- ARGO ROCKET VEHICLES**
 GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
ARGO ROCKET VEHICLES
 RT HONEST JOHN ROCKET VEHICLE
 JAVELIN ROCKET VEHICLE
 NIKE-AJAX MISSILE
 SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS
 ∞ VEHICLES
- ARGON**
 GS CHEMICAL ELEMENTS
 RARE GASES
ARGON
 ARGON ISOTOPES
 GASES
 RARE GASES
ARGON
 ARGON ISOTOPES
 RT RADIATION TRAPPING
- ARGON ISOTOPES**
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
ARGON ISOTOPES
 RARE GASES
 ARGON
ARGON ISOTOPES
 GASES
 RARE GASES
 ARGON
ARGON ISOTOPES
- ARGON LASERS**
 GS STIMULATED EMISSION DEVICES
 LASERS
 RT **ARGON LASERS**
 CHEMICAL LASERS
 CONTINUOUS WAVE LASERS
 GAS MASERS
 INFRARED LASERS
 MACH-ZEHNDER INTERFEROMETERS
 MOLECULAR OSCILLATIONS
 PULSED LASERS
 Q SWITCHED LASERS
 STIMULATED EMISSION
- ARGON PLASMA**
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
ARGON PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
ARGON PLASMA
 RT HELIUM PLASMA
 HYDROGEN PLASMA
 OXYGEN PLASMA
- ARGON-OXYGEN ATMOSPHERES**
 GS CONTROLLED ATMOSPHERES
ARGON-OXYGEN ATMOSPHERES
 RT AEROSPACE ENVIRONMENTS
 ∞ ATMOSPHERES
 ∞ BREATHING
 GAS MIXTURES
 PORTABLE LIFE SUPPORT SYSTEMS
 UNDERWATER BREATHING APPARATUS
- ARGOSY MK-1 AIRCRAFT**
 GS HAWKER SIDDELEY AIRCRAFT
ARGOSY MK-1 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
ARGOSY MK-1 AIRCRAFT
 MONOPLANES
ARGOSY MK-1 AIRCRAFT
 TRANSPORT AIRCRAFT
ARGOSY MK-1 AIRCRAFT
 RT ∞ AIRCRAFT
- ARGUMENTS (MATHEMATICS)**
 USE INDEPENDENT VARIABLES
- ARGUS PROJECT**
 GS PROGRAMS
 PROJECTS
ARGUS PROJECT
 RT THERMONUCLEAR EXPLOSIONS
- ARIANE LAUNCH VEHICLE**
 GS LAUNCH VEHICLES
ARIANE LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
ARIANE LAUNCH VEHICLE
 RT ELDO LAUNCH VEHICLE
 EUROPA LAUNCH VEHICLES
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 GEOSARI PROJECT
- ARID LANDS**
 GS LAND
ARID LANDS
 RT BARREN LAND
 DEATH VALLEY (CA)
 DESERTIFICATION
 DESERTLINE
 DESERTS
 DROUGHT
 EARTH ENVIRONMENT
 EARTH RESOURCES
 EQUATORIAL REGIONS
 GOBI DESERT
 MOJAVE DESERT (CA)
 OASES
 SAHARA DESERT (AFRICA)
 STEPPES
 WADIS
- ARIEL SATELLITES**
 GS SATELLITES
 ARTIFICIAL SATELLITES
ARIEL SATELLITES
 ARIEL 1 SATELLITE
 ARIEL 2 SATELLITE
 ARIEL 3 SATELLITE
 ARIEL 4 SATELLITE
 ARIEL 5 SATELLITE
 RT GEOPHYSICAL SATELLITES
 THOR DELTA LAUNCH VEHICLE
- ARIEL 1 SATELLITE**
 UF S-51 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ARIEL SATELLITES
ARIEL 1 SATELLITE
- ARIEL 2 SATELLITE**
 UF S-52 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ARIEL SATELLITES
ARIEL 2 SATELLITE
- ARIEL 3 SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ARIEL SATELLITES
ARIEL 3 SATELLITE
- ARIEL 4 SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ARIEL SATELLITES
ARIEL 4 SATELLITE
 RT IONOSPHERIC ELECTRON DENSITY
 IONOSPHERIC SOUNDING
- ARIEL 5 SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 ARIEL SATELLITES
ARIEL 5 SATELLITE
- ARIES CONSTELLATION**
 GS CONSTELLATIONS
ARIES CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

ARIES SOUNDING ROCKET

ARIES SOUNDING ROCKET
 GS ROCKET VEHICLES
 SOUNDING ROCKETS
 ARIES SOUNDING ROCKET

ARIETID METEORIODS
 GS CELESTIAL BODIES
 METEOROID SHOWERS
 ARIETID METEORIODS
 METEORIODS
 ARIETID METEORIODS

ARIP (IMPACT PREDICTION)
 USE COMPUTERIZED SIMULATION
 IMPACT PREDICTION

ARIS INSTRUMENTATION SHIP
 USE ADVANCED RANGE INSTRUMENTATION
 SHIP

ARITHMETIC
 GS NUMBER THEORY
 ARITHMETIC
 DOUBLE PRECISION ARITHMETIC
 FIXED POINT ARITHMETIC
 FLOATING POINT ARITHMETIC
 RT ADDITION
 CALCULATORS
 COMPUTATION
 DIVIDING (MATHEMATICS)
 EXPONENTS
 INTEGERS
 MULTIPLICATION
 SUBTRACTION
 SUMS

ARITHMETIC AND LOGIC UNITS
 UF ALU (COMPUTER COMPONENTS)
 GS CENTRAL PROCESSING UNITS
 ARITHMETIC AND LOGIC UNITS
 RT COMPUTER COMPONENTS
 COMPUTERS
 DOUBLE PRECISION ARITHMETIC

ARIZONA
 GS NATIONS
 UNITED STATES
 ARIZONA
 RT ARIZONA REGIONAL ECOLOGICAL TEST
 SITE
 COLORADO PLATEAU (US)
 COLORADO RIVER (NORTH AMERICA)
 GRAND CANYON (AZ)
 PHOENIX (AZ)
 PHOENIX QUADRANGLE (AZ)

ARIZONA REGIONAL ECOLOGICAL TEST SITE
 UF ARETS
 GS SITES
 **ARIZONA REGIONAL ECOLOGICAL
 TEST SITE**
 RT ARIZONA
 ECOLOGY
 TEST FACILITIES

ARKANSAS
 GS NATIONS
 UNITED STATES
 ARKANSAS

ARM (ANATOMY)
 GS ANATOMY
 LIMBS (ANATOMY)
 ARM (ANATOMY)
 ELBOW (ANATOMY)
 FOREARM
 APPENDAGES
 ARM (ANATOMY)
 ELBOW (ANATOMY)
 FOREARM
 RT HUMERUS
 SCAPULA
 ULNA
 WRIST

ARMATURES
 RT COMMUTATORS
 ELECTRIC GENERATORS
 ELECTRIC MOTORS
 ELECTRIC RELAYS
 INDUCTION MOTORS
 ∞ ROTATING ELECTRICAL MACHINES
 ROTORS

ARMED FORCES
 GS **ARMED FORCES**
 ARMED FORCES (FOREIGN)
 ARMED FORCES (UNITED STATES)
 NAVY
 RT ∞ MILITARY AIRCRAFT
 ∞ MILITARY AVIATION
 MILITARY SPACECRAFT
 ∞ MILITARY VEHICLES
 TANKS (COMBAT VEHICLES)

ARMED FORCES (FOREIGN)
 GS **ARMED FORCES**
 ARMED FORCES (FOREIGN)
 RT DISARMAMENT
 ENEMY PERSONNEL
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY
 ∞ MILITARY VEHICLES
 WEAPONS

ARMED FORCES (UNITED STATES)
 GS **ARMED FORCES**
 ARMED FORCES (UNITED STATES)
 RT DEFENSE PROGRAM
 DISARMAMENT
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY
 ∞ MILITARY VEHICLES
 WEAPONS
 WEAPONS INDUSTRY

ARMOR
 RT HELMETS
 METAL PLATES
 ORDNANCE
 PROTECTIVE CLOTHING
 SHIELDING

ARMY-NAVY INSTRUMENTATION PROGRAM
 GS PROGRAMS
 **ARMY-NAVY INSTRUMENTATION
 PROGRAM**
 RT LOGISTICS
 MILITARY TECHNOLOGY

AROD (RANGE-ORBIT DETERMINATION)
 USE AIRBORNE RANGE AND ORBIT
 DETERMINATION

∞ AROMATIC COMPOUNDS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF ARYL COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 CHLOROAROMATICS
 FURFURYL ALCOHOL
 HYDROCARBONS
 ORGANIC COMPOUNDS

AROOS METEORITE
 GS CELESTIAL BODIES
 METEORITES
 IRON METEORITES
 AROOS METEORITE

AROUSAL
 RT ALERTNESS
 ELECTROENCEPHALOGRAPHY
 ∞ STIMULI

ARPA COMPUTER NETWORK
 GS COMPUTER NETWORKS
 ARPA COMPUTER NETWORK
 RT COMPUTER TECHNIQUES
 ∞ NETWORKS
 QUEUEING THEORY
 SPACECRAFT COMMUNICATION
 SWITCHING CIRCUITS
 TELECOMMUNICATION

ARRAYS
 GS **ARRAYS**
 ANTENNA ARRAYS
 LINEAR ARRAYS
 ENDFIRE ARRAYS
 YAGI ANTENNAS
 STEERABLE ANTENNAS
 INERTIALLESS STEERABLE
 ANTENNAS
 TURNSTILE ANTENNAS
 LARGE APERTURE SEISMIC ARRAY
 PHASED ARRAYS

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ARRAYS-(CONT)
 SOLAR ARRAYS
 SOLAR BLANKETS
 SYNTHETIC ARRAYS
 RT ANTENNAS
 MATRICES (MATHEMATICS)
 MULTI-ANODE MICROCHANNEL ARRAYS
 PHOTOMASKS
 PUSHBROOM SENSOR MODES
 RANKING
 ∞ STATISTICS

∞ ARRESTERS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARRESTING GEAR
 BLOCKING
 BRAKES (FOR ARRESTING MOTION)
 GAPS
 LIGHTNING

ARRESTING GEAR
 GS LANDING AIDS
 ARRESTING GEAR
 SAFETY DEVICES
 RT **ARRESTING GEAR**
 ABORT APPARATUS
 AIRCRAFT CARRIERS
 AIRCRAFT SAFETY
 ANTISKID DEVICES
 ∞ ARRESTERS
 ∞ BARRIERS
 BRAKES (FOR ARRESTING MOTION)
 CRASH LANDING
 ∞ GEAR

ARRHYTHMIA
 GS RATES (PER TIME)
 HEART RATE
 ARRHYTHMIA

ARRIVALS
 RT APPROACH
 LANDING

ARROW WINGS
 GS AIRFOILS
 WINGS
 SWEPT WINGS
 SWEPTBACK WINGS
 ARROW WINGS
 PLANFORMS
 WING PLANFORMS
 SWEPTBACK WINGS
 ARROW WINGS
 RT CARET WINGS
 DELTA WINGS
 VARIABLE SWEEP WINGS

ARROYOS
 GS LANDFORMS
 ARROYOS
 RT CANYONS
 DRAINAGE PATTERNS
 EROSION
 LIMNOLOGY
 RAIN IMPACT DAMAGE
 WATER
 WATER CURRENTS
 WATER EROSION

ARSENATES
 GS ARSENIC COMPOUNDS
 ARSENATES
 RT ARSENIDES
 ∞ OXYGEN COMPOUNDS

ARSENIC
 GS CHEMICAL ELEMENTS
 METALLOIDS
 ARSENIC
 ARSENIC ISOTOPES
 RT METALS

ARSENIC ALLOYS
 GS ALLOYS
 ARSENIC ALLOYS
 RT METALLOIDS

ARSENIC COMPOUNDS
 GS **ARSENIC COMPOUNDS**
 ARSENATES
 ARSENIDES

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ARSENIC COMPOUNDS-(CONT)

GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
INDIUM ARSENIDES
PROUSTITE

RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 5A COMPOUNDS

ARSENIC ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
ARSENIC
ARSENIC ISOTOPES
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
ARSENIC ISOTOPES
RT METALS

ARSENIDES

GS ARSENIC COMPOUNDS
ARSENIDES
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
INDIUM ARSENIDES
PROUSTITE
RT ARSENATES
INTERMETALLICS

ARTEMIA

GS ANIMALS
INVERTEBRATES
ARTHROPODS
ARTEMIA

ARTERIES

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
RT ARTERIOSCLEROSIS
BIFURCATION (BIOLOGY)
CAROTID SINUS BODY
CAROTID SINUS REFLEX
PHONOARTERIOGRAPHY
SPHYGMOGRAPHY
VEINS

ARTERIOSCLEROSIS

UF ATHEROSCLEROSIS
GS DISEASES
ARTERIOSCLEROSIS
RT ANGINA PECTORIS
ARTERIES
CHOLESTEROL
CIRCULATORY SYSTEM
CORONARY ARTERY DISEASE
MYOCARDIAL INFARCTION

ARTHRITIS

GS DISEASES
ARTHRITIS
RT BONES
CALCIFICATION
JOINTS (ANATOMY)

ARTHROPODS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
ARTEMIA
CEPHALOPODS
MOLUSKS
OCTOPUSES
SNAILS
CRABS
INSECTS
BEES
BOLL WEEVILS
CHIRONOMUS FLIES
COCKROACHES
COLEOPTERA
CRICKETS
BEETLES
TRIBOLIA
DROSOPHILA
FIREFLIES
GRASSHOPPERS
LARVAE

ARTHROPODS-(CONT)

BOLLWORMS
SILKWORMS
LOCUSTS
MOTHS
SILKWORMS
PUPA
SPIDERS
RT EXOSKELETONS

ARTICULATION

GS SPEECH
RT ARTICULATION
LANGUAGES
SPEECH DEFECTS

ARTIFACTS

RT ANTHROPOLOGY
ANTIQUITIES
CULTURE (SOCIAL SCIENCES)
MUSEUMS

ARTIFICIAL CARDIAC PACEMAKER

GS MEDICAL EQUIPMENT
ARTIFICIAL CARDIAC PACEMAKER
RT BIOTECHNOLOGY
BLOOD CIRCULATION
CARDIOLOGY
CIRCULATION
CIRCULATORY SYSTEM
HEART
PULMONARY CIRCULATION

ARTIFICIAL CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
ARTIFICIAL CLOUDS
CHEMICAL CLOUDS
BARIUM ION CLOUDS
RT WEATHER MODIFICATION

ARTIFICIAL EARS

GS MEDICAL EQUIPMENT
PROSTHETIC DEVICES
ARTIFICIAL EARS
RT EAR

ARTIFICIAL GRAVITY

GS GRAVITATION
ARTIFICIAL GRAVITY
RT ACCELERATION STRESSES
(PHYSIOLOGY)
∞ ASTRONAUTICS
ENVIRONMENTAL CONTROL
GRAVITY GRADIENT SATELLITES
HUMAN CENTRIFUGES
LIFE SUPPORT SYSTEMS
LOWER BODY NEGATIVE PRESSURE
ROTATING ENVIRONMENTS
SPIN DYNAMICS
WEIGHTLESSNESS

ARTIFICIAL HARBORS

GS WATERWAYS
HARBORS
ARTIFICIAL HARBORS
RT CARGO SHIPS
DEEPWATER TERMINALS
DREDGING
MARINE TECHNOLOGY
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIP TERMINALS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION

ARTIFICIAL HEART VALVES

GS MEDICAL EQUIPMENT
ARTIFICIAL HEART VALVES
VALVES
ARTIFICIAL HEART VALVES
RT BIOTECHNOLOGY
BLOOD CIRCULATION
BLOOD PUMPS
HEART
HEART IMPLANTATION

ARTIFICIAL INTELLIGENCE

UF MACHINE RECOGNITION
GS INTELLIGENCE

ARTIFICIAL SATELLITES

ARTIFICIAL INTELLIGENCE-(CONT)

ARTIFICIAL INTELLIGENCE
EXPERT SYSTEMS
RT AUTOMATA THEORY
BIONICS
CHARACTER RECOGNITION
COGNITION
COMPUTER VISION
COMPUTERS
DEPERSONALIZATION
INTELLECT
LEARNING MACHINES
∞ LOGIC
LOGIC PROGRAMMING
PERCEPTION
ROBOTICS
ROBOTS
SELF ORGANIZING SYSTEMS
THEOREM PROVING
VOICE DATA PROCESSING

ARTIFICIAL RADIATION BELTS

GS EARTH ATMOSPHERE
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
RT INNER RADIATION BELT
NUCLEAR EXPLOSIONS
OUTER RADIATION BELT
∞ RADIATION

ARTIFICIAL RESPIRATION

USE RESUSCITATION

ARTIFICIAL SATELLITES

UF ORBITING SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
ALOUETTE SATELLITES
ALOUETTE B SATELLITE
ALOUETTE 1 SATELLITE
ALOUETTE 2 SATELLITE
ARABSAT
ARIEL SATELLITES
ARIEL 1 SATELLITE
ARIEL 2 SATELLITE
ARIEL 3 SATELLITE
ARIEL 4 SATELLITE
ARIEL 5 SATELLITE
BESS (SATELLITE)
BIOSATELLITES
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
ORBITING FROG OTOLITH
SPUTNIK 2 SATELLITE
COMMUNICATION SATELLITES
AERONAUTICAL SATELLITES
AEROSAT SATELLITES
ARCOMSAT
COMMUNICATIONS TECHNOLOGY
SATELLITE
COMSTAR C
NATO 3B SATELLITE
COMSTAR SATELLITES
EUROPEAN COMMUNICATIONS
SATELLITE
INTELSAT SATELLITES
L-SAT
LOW FREQUENCY
TRANSIONOSPHERIC SATELLITES
MARECS MARITIME SATELLITES
MAROTS (ESA)
MOLNIYA SATELLITES
PALAPA SATELLITES
PALAPA 2 SATELLITE
RADUGA SATELLITE
RCA SATCOM SATELLITES
RELAY SATELLITES
RELAY 1 SATELLITE
RELAY 2 SATELLITE
SYMPHONIE SATELLITES
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE

ARTIFICIAL SATELLITES

ARTIFICIAL SATELLITES-(CONT)

SYNCOM 4 SATELLITE
 WESTAR SATELLITES
 COSPAS
 COURIER SATELLITE
 DIADEME SATELLITES
 DISCOVERER SATELLITES
 DODGE SATELLITE
 EROS (SATELLITES)
 ESA SATELLITES
 AEROSAT SATELLITES
 COS-B SATELLITE
 ERS-1 (ESA SATELLITE)
 ESRO 1 SATELLITE
 ESRO 2 SATELLITE
 ESRO 4 SATELLITE
 EUROPEAN COMMUNICATIONS
 SATELLITE
 EXOSAT SATELLITE
 GEOS SATELLITES (ESA)
 HEOS SATELLITES
 HEOS A SATELLITE
 HEOS B SATELLITE
 HIPPARCOS SATELLITE
 L-SAT
 MAGELLAN MISSION
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOSAT SATELLITE
 OTS (ESA)
 TD SATELLITES
 TD-1 SATELLITE
 EUROPEAN 1 SPACECRAFT
 EVASIVE SATELLITES
 EXPLORER SATELLITES
 APPLICATIONS EXPLORER
 SATELLITES
 COSMIC BACKGROUND EXPLORER
 SATELLITE
 DUAL AIR DENSITY EXPLORER
 DYNAMICS EXPLORER SATELLITES
 DYNAMICS EXPLORER 1
 SATELLITE
 DYNAMICS EXPLORER 2
 SATELLITE
 EXPLORER 1 SATELLITE
 EXPLORER 2 SATELLITE
 EXPLORER 3 SATELLITE
 EXPLORER 4 SATELLITE
 EXPLORER 5 SATELLITE
 EXPLORER 6 SATELLITE
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 EXPLORER 50 SATELLITE
 EXPLORER 51 SATELLITE
 EXPLORER 52 SATELLITE
 EXPLORER 53 SATELLITE
 EXPLORER 54 SATELLITE

ARTIFICIAL SATELLITES-(CONT)

EXPLORER 55 SATELLITE
 EXTREME ULTRAVIOLET EXPLORER
 SATELLITE
 FAR UV SPECTROSCOPIC
 EXPLORER
 IMP
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 INTERNATIONAL SUN EARTH
 EXPLORERS
 INTERNATIONAL SUN EARTH
 EXPLORER 1
 INTERNATIONAL SUN EARTH
 EXPLORER 2
 INTERNATIONAL SUN EARTH
 EXPLORER 3
 MICROMETEOROID EXPLORER
 SATELLITES
 RADIO ASTRONOMY EXPLORER
 SATELLITE
 SOLAR MESOSPHERE EXPLORER
 X RAY TIMING EXPLORER
 FRENCH SATELLITES
 D-1 SATELLITE
 D-2 SATELLITES
 EOLE SATELLITES
 FR-1 SATELLITE
 GEOLE SATELLITES
 PEOPLE SATELLITES
 POSEIDON SATELLITE
 SPOT (FRENCH SATELLITE)
 SRET SATELLITES
 SRET 1 SATELLITE
 SRET 2 SATELLITE
 GEODETIC SATELLITES
 ANNA SATELLITES
 EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEOLE SATELLITES
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE
 VANGUARD 1 SATELLITE
 GEOPHYSICAL SATELLITES
 COSMOS SATELLITES
 INTERCOSMOS SATELLITES
 EXPLORER 6 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 45 SATELLITE
 OGO
 EGO
 OGO-A
 OGO-3
 OGO-5
 POGO
 OGO-C
 OGO-4
 OGO-6
 OSO
 OSO-C
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 RADIATION AND METEOROID
 SATELLITE
 SPUTNIK 3 SATELLITE
 VANGUARD 3 SATELLITE
 GEOS-D SATELLITE
 GRAVITY GRADIENT SATELLITES
 ATS
 ATS 1
 ATS 2
 ATS 3
 ATS 4
 ATS 5
 ATS 6
 ATS 7
 ATS 8
 ORBIS CAL SATELLITE
 GREB SATELLITES
 HELIOS SATELLITES
 HELIOS A
 HELIOS B
 HELIOS 1
 HELIOS 2
 INJUN SATELLITES
 EXPLORER 25 SATELLITE

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ARTIFICIAL SATELLITES-(CONT)

INJUN 1 SATELLITE
 INJUN 3 SATELLITE
 INJUN 4 SATELLITE
 INSPECTOR SATELLITE
 IRIS SATELLITES
 ISIS SATELLITES
 ALOUETTE 2 SATELLITE
 ISIS-A
 ISIS-B
 ISIS-X
 LANDSAT SATELLITES
 LANDSAT E
 LANDSAT F
 LANDSAT 1
 LANDSAT 2
 LANDSAT 3
 LANDSAT 4
 LANDSAT 5
 LINCOLN EXPERIMENTAL SATELLITES
 LUNAR SATELLITES
 EXPLORER 18 SATELLITE
 EXPLORER 28 SATELLITE
 IMP
 LUNAR ORBITER
 LUNAR ORBITER 1
 LUNAR ORBITER 2
 LUNAR ORBITER 3
 LUNAR ORBITER 4
 LUNAR ORBITER 5
 MAPSAT
 MARISAT SATELLITES
 MARISAT 1 SATELLITE
 MARITIME SATELLITES
 ERS-1 (ESA SATELLITE)
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOROLOGICAL SATELLITES
 AEROS SATELLITE
 COSMOS 144 SATELLITE
 D-2 SATELLITES
 ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE
 ELEKTRON 2 SATELLITE
 ELEKTRON 4 SATELLITE
 EOLE SATELLITES
 ESSA SATELLITES
 ESSA 1 SATELLITE
 ESSA 2 SATELLITE
 ESSA 3 SATELLITE
 ESSA 4 SATELLITE
 ESSA 5 SATELLITE
 ESSA 6 SATELLITE
 ESSA 7 SATELLITE
 ESSA 8 SATELLITE
 ESSA 9 SATELLITE
 EXPLORER 9 SATELLITE
 EXPLORER 17 SATELLITE
 EXPLORER 19 SATELLITE
 GEOLE SATELLITES
 METEOSAT SATELLITE
 NIMBUS SATELLITES
 NIMBUS 1 SATELLITE
 NIMBUS 2 SATELLITE
 NIMBUS 3 SATELLITE
 NIMBUS 4 SATELLITE
 NIMBUS 5 SATELLITE
 NIMBUS 6 SATELLITE
 NIMBUS 7 SATELLITE
 NOAA SATELLITES
 NOAA 2 SATELLITE
 NOAA 3 SATELLITE
 NOAA 4 SATELLITE
 NOAA 5 SATELLITE
 NOAA 6 SATELLITE
 NOAA 7 SATELLITE
 NOAA 8 SATELLITE
 SAN MARCO SATELLITES
 SAN MARCO 1 SATELLITE
 SAN MARCO 2 SATELLITE
 SAN MARCO 3 SATELLITE
 SEOCS (SATELLITE)
 SIRS B SATELLITE
 SPUTNIK 1 SATELLITE
 SPUTNIK 2 SATELLITE
 SPUTNIK 3 SATELLITE
 SRET SATELLITES
 SRET 1 SATELLITE
 SRET 2 SATELLITE
 SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 SMS 1

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ARTIFICIAL SATELLITES-(CONT)

SMS 2
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
TIROS M
TIROS N SERIES SATELLITES
TIROS 1 SATELLITE
TIROS 2 SATELLITE
TIROS 3 SATELLITE
TIROS 4 SATELLITE
TIROS 5 SATELLITE
TIROS 6 SATELLITE
TIROS 7 SATELLITE
TIROS 8 SATELLITE
TIROS 9 SATELLITE
TIROS 10 SATELLITE
VANGUARD 2 SATELLITE
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE
MULTISPECTRAL RESOURCE
SAMPLER
NAVIGATION SATELLITES
AEROSAT SATELLITES
EXPLORER 22 SATELLITE
NAVIGATION TECHNOLOGY
SATELLITES
NAVSTAR SATELLITES
NOVA SATELLITES
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
ORBITAL SPACE STATIONS
EOSS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
PAS
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
PEGASUS SATELLITES
POLYOT SATELLITES
ROSAT MISSION
SAGE SATELLITE
SARSAT
SCATHA SATELLITE
SCIENTIFIC SATELLITES
AMPT (SATELLITES)
ASTRONOMICAL SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
AZUR SATELLITE
CANNONBALL 2 SATELLITE
DIAL SATELLITE
ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18
INTASAT SATELLITE
EXOSAT SATELLITE
EXPLORER 45 SATELLITE
GRAVSAT SATELLITE
HAWKEYE SATELLITES
LZEEBE SATELLITE
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES

ARTIFICIAL SATELLITES-(CONT)

MAGSAT 1 SATELLITE
ORBIS
ORBIS CAL SATELLITE
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV-5 SATELLITES
SMALL SCIENTIFIC SATELLITES
UK SATELLITES
UK 4 SATELLITE
SCORE SATELLITE
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SHUTTLE PALLET SATELLITES
SKYNET SATELLITES
SNAPSHOT SATELLITE
SOLAR POWER SATELLITES
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 14 SATELLITE
COSMOS 44 SATELLITE
COSMOS 54 SATELLITE
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COSMOS 954 SATELLITE
COSMOS 1129 SATELLITE
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COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
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PROTON 1 SATELLITE
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PROTON 4 SATELLITE
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SPUTNIK SATELLITES
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SPUTNIK 3 SATELLITE
SPUTNIK 4 SATELLITE
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VENERA 11 SATELLITE
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SYNCHRONOUS SATELLITES
AEROS SATELLITE
AEROSAT SATELLITES
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
GOES SATELLITES
GOES 1
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GOES 4
GOES 5
MIRANDA SATELLITE
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STORMSAT SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
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SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE

ASCENT PROPULSION SYSTEMS

ARTIFICIAL SATELLITES-(CONT)

SYNCOM 3 SATELLITE
TD SATELLITES
TD-1 SATELLITE
TELSTAR SATELLITES
TELSTAR 1 SATELLITE
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TETHERED SATELLITES
UHURU SATELLITE
VANGUARD SATELLITES
VANGUARD 1 SATELLITE
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VANGUARD 3 SATELLITE
VELA SATELLITES
RT FLEXIBLE SPACECRAFT
HALO ORBIT SPACE STATION
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR ORBITS
LUNAR SPACECRAFT
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
MILITARY SPACECRAFT
NATIONAL OCEANIC SATELLITE SYSTEM
NATURAL SATELLITES
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SKYLAB 1
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UNMANNED SPACECRAFT
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HOWITZERS
PRECISION GUIDED PROJECTILES
RT GUN LAUNCHERS
GUNNERY TRAINING
MISSILES
RIFLES
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ARTILLERY FIRE
RT BARRAGES
GUNFIRE
ARTS
GS ARTS
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GRAPHIC ARTS
RT CREATIVITY
MUSIC
ARYABHATA
USE INDIAN SPACECRAFT
ARYL COMPOUNDS
USE AROMATIC COMPOUNDS
ASA
USE ACETYSALICYLIC ACID
ASBESTOS
GS MINERALS
ASBESTOS
RT AMBERLITE (TRADEMARK)
ELECTRICAL INSULATION
INSULATION
NONFLAMMABLE MATERIALS
SERPENTINE
THERMAL INSULATION
ASCENT
GS ASCENT
CLIMBING FLIGHT
RT BALLOONS
DESCENT
LUNAR MODULE ASCENT STAGE
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TAKEOFF
ASCENT PROPULSION SYSTEMS
GS PROPULSION
ASCENT PROPULSION SYSTEMS
PROPULSION SYSTEM CONFIGURATIONS
ASCENT PROPULSION SYSTEMS
RT LUNAR MODULE

ASCENT TRAJECTORIES

ASCENT PROPULSION SYSTEMS-(CONT)

MISSILES
PROPELLANTS
ROCKET PROPELLANTS
SPACE FLIGHT
SPACE SHUTTLE ASCENT STAGE
∞ SYSTEMS

ASCENT TRAJECTORIES

GS TRAJECTORIES
RT **ASCENT TRAJECTORIES**
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
COASTING FLIGHT
DESCENT TRAJECTORIES
FLIGHT MECHANICS
GUIDANCE (MOTION)
INJECTION GUIDANCE
LOFTING
LUNAR MODULE ASCENT STAGE
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
PARABOLIC FLIGHT
POST BOOST PROPULSION SYSTEM
RENDEZVOUS TRAJECTORIES
SPACE SHUTTLE ASCENT STAGE
SPACECRAFT TRAJECTORIES

ASCORBIC ACID

UF VITAMIN C
GS ACIDS
ASCORBIC ACID
HETEROCYCLIC COMPOUNDS
ASCORBIC ACID
VITAMINS
ASCORBIC ACID

ASCORBIC ACID METABOLISM

GS METABOLISM
RT **ASCORBIC ACID METABOLISM**
VITAMINS

ASCR REACTOR

USE ADVANCED SODIUM COOLED REACTOR

ASDE

USE AIRPORT SURFACE DETECTION EQUIPMENT

ASHES

GS **ASHES**
FLY ASH
RT AIR POLLUTION
COAL
COMBUSTION PRODUCTS
CULTIVATION
FERTILIZERS
FIRE DAMAGE
FOREST FIRES
LIGNITE
REACTION PRODUCTS
RESIDUES

ASIA

GS CONTINENTS
RT **ASIA**
AFGHANISTAN
BANGLADESH
BRUNEI
BURMA
CAMBODIA
CEYLON
CHINA
HIMALAYAS
HONG KONG
INDIA
IRAN
IRAQ
ISRAEL
JAPAN
KUWAIT
LAOS
LEBANON
MALAYA
MONGOLIA
NATIONS
NEPAL
NORTH KOREA
PAKISTAN
RED SEA
SAUDI ARABIA
SEA OF JAPAN
SIBERIA
SIKKIM
SINGAPORE

ASIA-(CONT)

SOUTH KOREA
SOUTHEAST ASIA
SOUTHERN YEMEN
SYRIA
TAIWAN
THAILAND
TIBET
TUNDRA
U S S R
VIETNAM
YEMEN

ASP ROCKET VEHICLE

UF NIKE-ASP ROCKET
GS ROCKET VEHICLES
SOUNDING ROCKETS
RT **ASP ROCKET VEHICLE**
SONDES

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GS ESTERS
ASPARTATES
ORGANIC COMPOUNDS
ASPARTATES
PROTEINS
RT **ASPARTATES**
AMINO ACIDS
ASPARTIC ACID

ASPARTIC ACID

GS ACIDS
AMINO ACIDS
ASPARTIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
RT **ASPARTIC ACID**
ASPARTATES
PEPTIDES

ASPECT RATIO

GS RATIOS
ASPECT RATIO
HIGH ASPECT RATIO
LOW ASPECT RATIO
RT AERODYNAMIC CHARACTERISTICS
AIRFOILS
FINENESS RATIO
LIFT
∞ SPAN
WINGS

ASPERGILLUS

GS FUNGI
RT **ASPERGILLUS**
INFECTIOUS DISEASES
∞ MOLD

ASPHALT

GS PRODUCTS
PETROLEUM PRODUCTS
ASPHALT
RT AMORPHOUS MATERIALS
PAVEMENTS
PITCH (MATERIAL)
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ASPHALTENES

RT COAL
COAL DERIVED LIQUIDS
COAL LIQUEFACTION
HYDROGENATION

ASPHERICITY

RT ABERRATION
GEOMETRICAL OPTICS
∞ OPTICS
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SPHERES

ASPHYXIA

RT ANOXIA
RESPIRATION
SIGNS AND SYMPTOMS

ASPIRATION

USE VACUUM

ASROC ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
ASROC ENGINE

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ASROC ENGINE-(CONT)

RT ANTISUBMARINE WARFARE
TORPEDOES

ASSATEAGUE ISLAND (MD-VA)

GS LANDFORMS
ISLANDS
RT **ASSATEAGUE ISLAND (MD-VA)**
ATLANTIC OCEAN
MARYLAND
VIRGINIA

ASSAULTING

USE ATTACKING (ASSAULTING)

ASSAYING

RT CHEMICAL ANALYSIS
IMMUNOASSAY
MARS SURFACE SAMPLES
PARTICULATE SAMPLING
RADIOIMMUNOASSAY
SAMPLING

ASSEMBLER ROUTINES

GS COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
RT **ASSEMBLER ROUTINES**
SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
ASSEMBLER ROUTINES
RT COMPILERS
OPERATING SYSTEMS (COMPUTERS)

ASSEMBLIES

GS **ASSEMBLIES**
SUBASSEMBLIES
TAIL ASSEMBLIES
SWING TAIL ASSEMBLIES
RT ACCUMULATIONS
ASSEMBLING
∞ ASSEMBLY
COLLOCATION
∞ COMPONENTS
FABRICATION
MOsaICS
STRINGS

ASSEMBLING

GS **ASSEMBLING**
ORBITAL ASSEMBLY
RT ASSEMBLIES
∞ ASSEMBLY
ATTACHMENT
CLEAN ROOMS
COLLECTION
CONSTRUCTION
FABRICATION
FITTING
INSTALLING
∞ JOINING
MOUNTING
PREPARATION
RIGGING
SPACE MANUFACTURING

∞ ASSEMBLY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ASSEMBLIES
ASSEMBLING
COLLOCATION

ASSEMBLY LANGUAGE

GS LANGUAGES
PROGRAMMING LANGUAGES
RT **ASSEMBLY LANGUAGE**
AUTOCODERS
COMPASS (PROGRAMMING
LANGUAGE)
MAP (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
MACHINE ORIENTED LANGUAGES

ASSESS PROGRAM

UF SPACELAB SIMULATION FLIGHTS
GS PROGRAMS
NASA PROGRAMS
RT **ASSESS PROGRAM**
SPACE SHUTTLES

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ASSESSMENTS

GS ASSESSMENTS
DAMAGE ASSESSMENT
TECHNOLOGY ASSESSMENT
RT EVALUATION
RATINGS
REVENUE
VALUE

ASSET GLIDERS

GS GLIDERS
ASSET GLIDERS
RT ∞ AIRCRAFT
HYPERSONIC GLIDERS
LIFTING REENTRY VEHICLES

ASSET PROJECT

GS PROGRAMS
PROJECTS
ASSET PROJECT
RT AEROTHERMODYNAMICS
ENVIRONMENTAL TESTS

ASSIGNMENT

USE ALLOCATIONS

ASSIMILATION

RT DISPERSING
DISTRIBUTING
∞ DISTRIBUTION
MATERIAL ABSORPTION

ASSOCIATION REACTIONS

GS CHEMICAL REACTIONS
ASSOCIATION REACTIONS
GAS-GAS INTERACTIONS
ASSOCIATION REACTIONS
RT ASTROPHYSICS
CHEMICAL EQUILIBRIUM
CONDENSING
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS
INTERSTELLAR CHEMISTRY
MOLECULAR GASES
OXIDATION
PHOTOCHEMICAL REACTIONS
PHOTOOXIDATION
REACTION KINETICS
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ASSOCIATIONS

USE ORGANIZATIONS

ASSOCIATIVE PROCESSING (COMPUTERS)

GS DATA PROCESSING
ASSOCIATIVE PROCESSING
(COMPUTERS)
RT DIGITAL COMPUTERS
MULTIPROCESSING (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
∞ PROCESSING

ASSUMPTIONS

RT HYPOTHESES
INFERENCE
RISK
SIMPLIFICATION
∞ THEORIES

ASSURANCE

RT QUALITY CONTROL
REDUNDANCY
RELIABILITY

ASTATINE

GS CHEMICAL ELEMENTS
HALOGENS
ASTATINE
METALS
ASTATINE

ASTATINE ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
ASTATINE ISOTOPES
METALS
ASTATINE ISOTOPES

ASTEC SOLAR TURBOELECTRIC GENERATOR

GS AUXILIARY POWER SOURCES

ASTEC SOLAR TURBOELECTRIC-(CONT.)

ASTEC SOLAR TURBOELECTRIC
GENERATOR
ELECTRIC GENERATORS
ROTATING GENERATORS
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
SOLAR GENERATORS
SOLAR AUXILIARY POWER UNITS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
TURBOMACHINERY
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
RT RANKINE CYCLE
SUN
THERMOELECTRIC GENERATORS

ASTEROID BELTS

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
AMOR ASTEROID
AMPHITRITE ASTEROID
APOLLO ASTEROIDS
CERES ASTEROID
CHIRON
ICARUS ASTEROID
TORO ASTEROID
VESTA ASTEROID
RT ∞ BELTS
METEORIODS
REGIONS
SOLAR SYSTEM
SPACE DEBRIS

ASTEROID CAPTURE

RT ASTEROIDS
CELESTIAL BODIES
CONTAINMENT
ENCLOSURES
PAYLOADS
RETAINING
SOLAR SYSTEM

ASTEROID MISSIONS

GS FLYBY MISSIONS
ASTEROID MISSIONS
SPACE MISSIONS
ASTEROID MISSIONS
RT ASTEROIDS
∞ MISSIONS
SPACE EXPLORATION

ASTEROIDS

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
AMOR ASTEROID
AMPHITRITE ASTEROID
APOLLO ASTEROIDS
CERES ASTEROID
CHIRON
ICARUS ASTEROID
TORO ASTEROID
VESTA ASTEROID
RT ASTEROID CAPTURE
ASTEROID MISSIONS
METEORIODS
SOLAR SYSTEM
SPACE DEBRIS

ASTHENIOPIA

GS DISEASES
EYE DISEASES
ASTHENIOPIA
RT FATIGUE (BIOLOGY)

ASTHMA

GS DISEASES
RESPIRATORY DISEASES
ASTHMA

ASTIGMATISM

GS DISEASES
EYE DISEASES
ASTIGMATISM
RT DISTORTION
FOCUSING
GEOMETRICAL OPTICS
HAPLOSOPES
LENSES
∞ OPTICS

ASTROGUIDE NAVIGATION SYSTEM

ASTIGMATISM-(CONT.)

REFRACTION
STIGMATISM

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USE APOLLO SOYUZ TEST PROJECT

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RT ∞ ASTRONAUTICS
AVIONICS
∞ CONTROL
∞ ELECTRONICS
GUIDANCE (MOTION)
SINGLE EVENT UPSETS
SPACECRAFT COMMUNICATION
SPACECRAFT ELECTRONIC EQUIPMENT
SPACECRAFT INSTRUMENTS
∞ TEST EQUIPMENT

ASTRO MISSIONS (STS)

ASTRO VEHICLE

SN (EXCLUDES STS)
GS MANEUVERABLE SPACECRAFT
ASTRO VEHICLE
MANNED SPACECRAFT
ASTRO VEHICLE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
ASTRO VEHICLE
SOFT LANDING SPACECRAFT
ASTRO VEHICLE
RT AEROSPACEPLANES
ASTROPLANE
BOOSTGLIDE VEHICLES
FERRY SPACECRAFT
LIFTING REENTRY VEHICLES
∞ SPACECRAFT

ASTROBEE ROCKET VEHICLES

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
SOUNDING ROCKETS
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
RT GENIE ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES
∞ VEHICLES

ASTROBEE 1500 ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
SOUNDING ROCKETS
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

ASTROBIOLOGY

USE EXOBIOLOGY

ASTRODYNAMICS

GS CLASSICAL MECHANICS
SPACE MECHANICS
ASTRODYNAMICS
RT ∞ ASTRONAUTICS
ASTRONOMICAL OBSERVATORIES
CELESTIAL BODIES
CELESTIAL MECHANICS
∞ DYNAMICS
INTERPLANETARY FLIGHT
ORBITAL MECHANICS
ORBITS
∞ SCIENCE
SPACE EXPLORATION
SPACE FLIGHT
SPACE NAVIGATION
∞ SPACECRAFT
TRAJECTORY ANALYSIS

ASTROGRAPHY

SN (EXCLUDES ASTRONOMICAL
PHOTOGRAPHY)
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MAPPING
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ASTROGUIDE NAVIGATION SYSTEM

GS NAVIGATION
CELESTIAL NAVIGATION
ASTROGUIDE NAVIGATION SYSTEM

ASTROLABES

ASTROGUIDE NAVIGATION SYSTEM-(CONT)

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ASTROGUIDE NAVIGATION SYSTEM
 RT INERTIAL COORDINATES
 STAR TRACKERS
 ∞ SYSTEMS

ASTROLABES

GS MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
 POSITION INDICATORS
ASTROLABES
 RT ALTIMETERS
 ASTROMETRY
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMY
 CELESTIAL BODIES
 POSITION (LOCATION)
 POSITION ERRORS
 SOLAR POSITION
 STAR DISTRIBUTION
 STAR TRACKERS
 STARS

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GS ALLOYS
 CHROMIUM ALLOYS
ASTROLOY (TRADEMARK)
 COBALT ALLOYS
ASTROLOY (TRADEMARK)
 HIGH STRENGTH ALLOYS
ASTROLOY (TRADEMARK)
 NICKEL ALLOYS
ASTROLOY (TRADEMARK)
 TERNARY ALLOYS
ASTROLOY (TRADEMARK)

ASTROMASTS

USE LONGERONS

ASTROMETRY

RT ASTROLABES
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 ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMY
 DOUBLE STARS
 HIPPARCOS SATELLITE
 ∞ MEASUREMENT
 PARALLAX
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 STELLAR PARALLAX

ASTRON THERMONUCLEAR REACTOR

GS NUCLEAR REACTORS
ASTRON THERMONUCLEAR REACTOR
 RT RELATIVISTIC PLASMAS
 THERMONUCLEAR POWER GENERATION
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GS EXTRAVEHICULAR MOBILITY UNITS
ASTRONAUT LOCOMOTION
 LOCOMOTION
ASTRONAUT LOCOMOTION
 RT EXTRAVEHICULAR ACTIVITY
 INTRAVEHICULAR ACTIVITY
 LIFE SUPPORT SYSTEMS
 MAN OPERATED PROPULSION SYSTEMS
 MANNED MANEUVERING UNITS
 ORBITAL WORKERS

ASTRONAUT MANEUVERING EQUIPMENT

GS EXTRAVEHICULAR MOBILITY UNITS
ASTRONAUT MANEUVERING EQUIPMENT
 MANNED MANEUVERING UNITS
 RT EXTRAVEHICULAR ACTIVITY
 HUMAN FACTORS ENGINEERING
 IMLSS
 INTRAVEHICULAR ACTIVITY
 SELF MANEUVERING UNITS
 WALKING MACHINES

ASTRONAUT PERFORMANCE

GS HUMAN PERFORMANCE
ASTRONAUT PERFORMANCE
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 RT CONFINEMENT
 CONFINING
 HUMAN FACTORS ENGINEERING
 INTRAVEHICULAR ACTIVITY
 MAN MACHINE SYSTEMS
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 ∞ PERFORMANCE
 PHYSIOLOGICAL FACTORS

ASTRONAUT PERFORMANCE-(CONT)

PILOT PERFORMANCE
 PSYCHOLOGICAL FACTORS
 SPACE PSYCHOLOGY
 SPACECRAFT PERFORMANCE
 WEIGHTLESSNESS

ASTRONAUT TRAINING

GS EDUCATION
ASTRONAUT TRAINING
 LEARNING
ASTRONAUT TRAINING
 RT EJECTION TRAINING
 FLIGHT TRAINING
 PILOT TRAINING
 SPACE FLIGHT TRAINING
 SPACE MAINTENANCE
 SPACE PSYCHOLOGY
 TRAINING SIMULATORS

∞ ASTRONAUTICS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT AEROSPACE ENVIRONMENTS
 ARTIFICIAL GRAVITY
 ASTRONICS
 ASTRODYNAMICS
 ASTRONAUTS
 ASTRONOMY
 AUXILIARY PROPULSION
 AVIONICS
 BIOASTRONAUTICS
 BIOSATELLITE 3
 COSMONAUTS
 EARTH-VENUS TRAJECTORIES
 HUMAN FACTORS ENGINEERING
 LUNAR BASES
 PROPULSION
 SATELLITES
 SOFT LANDING
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE MAINTENANCE
 SPACE NAVIGATION
 SPACECRAFT DOCKING
 WEIGHTLESSNESS

ASTRONAUTS

GS PERSONNEL
 FLYING PERSONNEL
ASTRONAUTS
 ORBITAL WORKERS
 RT ∞ ASTRONAUTICS
 AWARDS
 COSMONAUTS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORKSTATIONS
 CREWS
 PILOTS (PERSONNEL)
 SPACECRAFT ENVIRONMENTS
 SPACECREWS

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GS NAVIGATION
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 GEOCENTRIC COORDINATES
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 PLANISPHERES
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 RT ASTROGRAPHY
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 GS MODELS
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 RT BIG BANG COSMOLOGY
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 STELLAR OSCILLATIONS

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UF ANS
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 ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS SATELLITE
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 INFRARED ASTRONOMY SATELLITE
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 OAO
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 OAO 3
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 GAMMA RAY OBSERVATORY
 ROSAT MISSION
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 SOUTHERN SKY
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GS IMAGERY
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 SCHMIDT CAMERAS
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GS OPTICAL MEASUREMENT
ASTRONOMICAL PHOTOMETRY
 STELLAR SPECTROPHOTOMETRY
 RT ATMOSPHERIC WINDOWS
 BLINKING
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 DIAL SATELLITE
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 PHOTOMETRY
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 TELEPHOTOMETRY

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 ASTRONOMICAL OBSERVATORIES
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 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 QUASAT
 SAS
 SAS-1
 SAS-2
 SAS-3
 SPACE INFRARED TELESCOPE
 FACILITY
 SPARTAN SATELLITES
 SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
ASTRONOMICAL SATELLITES
 RT ROSAT MISSION
 SPACEBORNE ASTRONOMY

ASTRONOMICAL SPECTROSCOPY

GS SPECTROSCOPY
ASTRONOMICAL SPECTROSCOPY
 RT ASTRONOMY
 CONTINUOUS SPECTRA
 ELECTROMAGNETIC SPECTRA
 INFRARED SPECTROSCOPY
 ORGANIC SOLIDS
 RADIAL VELOCITY
 RADIATION SPECTRA
 RADIO ASTRONOMY
 RADIO SPECTROSCOPY
 RAMAN SPECTROSCOPY
 SOLAR SPECTRA
 SOUTHERN SKY

ASTRONOMICAL SPECTROSCOPY-(CONT)

SPECTRA
 SPECTROSCOPIC TELESCOPES
 STELLAR SPECTRA
 ULTRAVIOLET SPECTROSCOPY
 VISIBLE SPECTRUM
 X RAY SPECTROSCOPY

ASTRONOMICAL TELESCOPES

GS OPTICAL EQUIPMENT
ASTRONOMICAL TELESCOPES
 HELIOMETERS
 PYROHELIOMETERS
 SPECTROSCOPIC TELESCOPES
 MULTISPECTRAL TRACKING
 TELESCOPES
 STRATOSCOPE TELESCOPES
 X RAY TELESCOPES
 TELESCOPES
ASTRONOMICAL TELESCOPES
 HELIOMETERS
 PYROHELIOMETERS
 INFRARED TELESCOPES
 SPACE INFRARED TELESCOPE
 FACILITY
 KILOMETER WAVE ORBITING
 TELESCOPE
 SPECTROSCOPIC TELESCOPES
 MULTISPECTRAL TRACKING
 TELESCOPES
 STRATOSCOPE TELESCOPES
 STARSAT TELESCOPE
 ULTRAVIOLET TELESCOPES
 X RAY TELESCOPES
 RT BALLOON-BORNE INSTRUMENTS
 CELESCOPES
 CORONAGRAPHS
 MANNED ORBITAL TELESCOPES
 MULTI-ANODE MICROCHANNEL ARRAYS
 OPTICAL TRANSFER FUNCTION
 PARTICLE TELESCOPES
 RADIO TELESCOPES
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES
 SCHMIDT CAMERAS
 SCHMIDT TELESCOPES
 SOLAR OPTICAL TELESCOPE
 SPACEBORNE TELESCOPES

ASTRONOMY

UF CELESTIAL OBSERVATION
 GS **ASTRONOMY**
 GAMMA RAY ASTRONOMY
 INFRARED ASTRONOMY
 RADAR ASTRONOMY
 RADIO ASTRONOMY
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET ASTRONOMY
 X RAY ASTRONOMY
 X RAY SOURCES
 X RAY BINARIES
 RT ∞ AEROSPACE SCIENCES
 AMOR ASTEROID
 APOLLO ASTEROIDS
 ASTROLABES
 ASTROMETRY
 ∞ ASTRONAUTICS
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMICAL SPECTROSCOPY
 ASTROPHYSICS
 CELESTIAL BODIES
 CELESTIAL MECHANICS
 EARTH LIMB
 GAMMA RAY TELESCOPES
 HALOS
 INFRARED TELESCOPES
 MASS TO LIGHT RATIOS
 METEOROID SHOWERS
 MISSING MASS (ASTROPHYSICS)
 ∞ PHYSICAL SCIENCES
 RELIC RADIATION
 ∞ SCIENCE
 SELENOLOGY
 SIDEREAL TIME
 SOLAR PARALLAX
 SOUTHERN SKY
 SPACEBORNE TELESCOPES
 STELLAR MAGNITUDE
 STELLAR MODELS
 STELLAR OSCILLATIONS
 TELESCOPES

ASTROPHYSICS

UF GEOASTROPHYSICS

ASTROPHYSICS-(CONT)

GS **ASTROPHYSICS**
 COMPUTATIONAL ASTROPHYSICS
 STELLAR PHYSICS
 SOLAR PHYSICS
 RT ACCRETION DISKS
 ASSOCIATION REACTIONS
 ASTRONOMY
 BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 CELESTIAL BODIES
 CELESTIAL MECHANICS
 COSMOLOGY
 DENSE PLASMAS
 DISK GALAXIES
 GALACTIC EVOLUTION
 GAMMA RAY ASTRONOMY
 GRAVITATIONAL COLLAPSE
 HELIOSEISMOLOGY
 INTERSTELLAR EXTINCTION
 MAGNETIC FIELD CONFIGURATIONS
 MASS TO LIGHT RATIOS
 MICHELSON INTERFEROMETERS
 MISSING MASS (ASTROPHYSICS)
 NAKED SINGULARITIES
 ORION NEBULA
 ∞ PHYSICS
 ∞ PLANETARY ROTATION
 RADIO INTERFEROMETERS
 RELIC RADIATION
 ∞ SCIENCE
 SOLAR NEUTRINOS
 SPARTAN SATELLITES
 SPIN TEMPERATURE
 STELLAR CORES
 STELLAR ENVELOPES
 STELLAR EVOLUTION
 STELLAR OSCILLATIONS
 THEORETICAL PHYSICS
 WOLF-RAYET STARS
 X RAY ASTROPHYSICS FACILITY
 X RAY BINARIES

ASTROPLANE

GS MANEUVERABLE SPACECRAFT
 AEROSPACEPLANES
ASTROPLANE
 MANNED SPACECRAFT
 AEROSPACEPLANES
ASTROPLANE
 REENTRY VEHICLES
 AEROSPACEPLANES
ASTROPLANE
 RECOVERABLE SPACECRAFT
 REUSABLE SPACECRAFT
ASTROPLANE
 SOFT LANDING SPACECRAFT
 AEROSPACEPLANES
ASTROPLANE
 RT ASTRO VEHICLE
 BOOSTGLIDE VEHICLES
 HYPERSONIC AIRCRAFT
 HYPERSONIC GLIDERS
 LAUNCH VEHICLES
 LIFTING REENTRY VEHICLES
 LIQUID AIR CYCLE ENGINES
 MILITARY SPACECRAFT
 RESEARCH AIRCRAFT
 ROCKET PLANES
 X-20 AIRCRAFT

ASYMMETRY

UF DISSYMMETRY
 RT ANTISYMMETRY
 DEVIATION
 DISTORTION
 ECCENTRICITY
 SHAPES
 SKEWNESS
 SYMMETRY
 VARIATIONS

ASYMPTOTES

GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
ASYMPTOTES
 FUNCTIONS (MATHEMATICS)
ASYMPTOTES
 RT ANALYTIC GEOMETRY
 ASYMPTOTIC PROPERTIES
 ASYMPTOTIC SERIES
 CALCULUS
 NUMERICAL ANALYSIS

ASYMPTOTIC METHODS

ASYMPTOTIC METHODS

GS PROBLEM SOLVING
ASYMPTOTIC METHODS
 RT ASYMPTOTIC PROPERTIES
 ITERATIVE SOLUTION
 LEARNING CURVES
 ∞METHODOLOGY

ASYMPTOTIC PROPERTIES

RT ASYMPTOTES
 ASYMPTOTIC METHODS
 ASYMPTOTIC SERIES
 DIFFERENTIAL EQUATIONS
 INTEGRAL EQUATIONS
 MATHEMATICAL MODELS
 NORMALITY

ASYMPTOTIC SERIES

GS ANALYSIS (MATHEMATICS)
 CALCULUS
 SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
 REAL VARIABLES
 SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
 RT ASYMPTOTES
 ASYMPTOTIC PROPERTIES
 SERIES EXPANSION

ASYNCHRONOUS MOTORS

GS MOTORS
 ELECTRIC MOTORS
ASYNCHRONOUS MOTORS
 RT INDUCTION MOTORS
 SYNCHRONOUS MOTORS

ATARS

USE AUTOMATIC TRAFFIC ADVISORY AND
 RESOLUTION

ATAXIA

GS DISEASES
ATAXIA
 RT MUSCLES

ATAXITE

GS ROCKS
ATAXITE
 RT BRECCIA
 SOILS

ATCHAFALAYA RIVER BASIN (LA)

GS LANDFORMS
 STRUCTURAL BASINS
 RIVER BASINS
ATCHAFALAYA RIVER BASIN (LA)
 RT LOUISIANA
 RIVERS

ATELECTASIS

GS DISEASES
ATELECTASIS
 RT LUNGS

ATHENA ROCKET VEHICLE

GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
ATHENA ROCKET VEHICLE
 RT BE-3 ENGINE
 REENTRY VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

ATHEROSCLEROSIS

USE ARTERIOSCLEROSIS

ATHLETES

RT COMPETITION
 PHYSICAL EXERCISE
 PHYSICAL FITNESS
 SPORTS MEDICINE

ATHODYDS

USE RAMJET ENGINES

ATLANTA (GA)

GS CITIES
ATLANTA (GA)
 RT GEORGIA

ATLANTIC AIRCRAFT

USE BREGUET 1150 AIRCRAFT

ATLANTIC OCEAN

GS OCEANS

ATLANTIC OCEAN-(CONT)

ATLANTIC OCEAN

RT ASSATEAGUE ISLAND (MD-VA)
 BERMUDA
 BLOCK ISLAND SOUND (RI)
 CAPE HATTERAS (NC)
 CAPE VERDE
 DELAWARE BAY (US)
 ENGLISH CHANNEL
 GARP ATLANTIC TROPICAL EXPERIMENT
 GULF STREAM
 LESSER ANTILLES
 LOMONOSOV CURRENT
 LONG ISLAND (NY)
 OUTER BANKS (NC)
 SARGASSO SEA
 WALLOPS ISLAND
 WEST INDIES

ATLANTIS (ORBITER)

UF SPACE SHUTTLE ORBITER 104
 GS REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 REUSABLE SPACECRAFT
ATLANTIS (ORBITER)
 TRANSPORTATION
 SPACE TRANSPORTATION
 SPACE TRANSPORTATION SYSTEM
 SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
 RT MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSION 51-H
 SPACE SHUTTLE MISSION 51-J
 SPACE SHUTTLE MISSION 61-B
 ∞SPACECRAFT

ATLAS ABLE 5 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
 RT LUNAR PROBES
 SPACE PROBES

ATLAS AGENA B LAUNCH VEHICLE

GS LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS AGENA B LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS AGENA B LAUNCH VEHICLE
 RT AGENA ROCKET VEHICLES
 MARINER 2 SPACE PROBE
 MIDAS SATELLITES
 RANGER LUNAR PROBES
 RANGER 4 LUNAR PROBE

ATLAS AGENA LAUNCH VEHICLES

GS LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS AGENA LAUNCH VEHICLES
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS AGENA LAUNCH VEHICLES
 RT AGENA ROCKET VEHICLES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 17
 MARINER PROGRAM
 MARINER 5 SPACE PROBE
 MARINER 6 SPACE PROBE
 OGO-A
 ∞VEHICLES

ATLAS CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLE
 CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
 ROCKET VEHICLES
 CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
 MULTISTAGE ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLE
 RT CENTAUR PROJECT
 OAO 1
 OAO 2
 OAO 3

NASA THESAURUS (VOLUME 1)

ATLAS CENTAUR LAUNCH VEHICLE-(CONT)

RL-10 ENGINES
 SPACE SHUTTLE UPPER STAGE A
 SURVEYOR PROJECT
 SURVEYOR 1 LUNAR PROBE
 SURVEYOR 2 LUNAR PROBE
 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
 SURVEYOR 6 LUNAR PROBE
 SURVEYOR 7 LUNAR PROBE

ATLAS D ICBM

GS MISSILES
 BALLISTIC MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS D ICBM
 SURFACE TO SURFACE MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS D ICBM
 RT CENTAUR LAUNCH VEHICLE
 STANDARD LAUNCH VEHICLES
 VEGA LAUNCH VEHICLE

ATLAS E ICBM

GS MISSILES
 BALLISTIC MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS E ICBM
 SURFACE TO SURFACE MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS E ICBM

ATLAS F ICBM

GS MISSILES
 BALLISTIC MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS F ICBM
 SURFACE TO SURFACE MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
ATLAS F ICBM

ATLAS ICBM

GS MISSILES
 BALLISTIC MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 SURFACE TO SURFACE MISSILES
 INTERCONTINENTAL BALLISTIC
 MISSILES
ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 RT MA-2 ENGINE
 MA-3 ENGINE

ATLAS LAUNCH VEHICLES

UF SM-65 MISSILE
 GS LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
 ATLAS ABLE 5 LAUNCH VEHICLE
 ATLAS AGENA B LAUNCH VEHICLE
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS CENTAUR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
 ATLAS ABLE 5 LAUNCH VEHICLE
 ATLAS AGENA B LAUNCH VEHICLE
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS CENTAUR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 RT EGO
 GEMINI PROJECT
 MA-5 ENGINE
 MARINER PROGRAM
 MERCURY FLIGHTS

NASA THESAURUS (VOLUME 1)

ATMOSPHERIC CORRECTION

ATLAS LAUNCH VEHICLES-(CONT)

MERCURY MA-1 FLIGHT
MERCURY MA-2 FLIGHT
MERCURY MA-3 FLIGHT
MERCURY MA-4 FLIGHT
MERCURY MA-5 FLIGHT
MERCURY MA-6 FLIGHT
MERCURY MA-7 FLIGHT
MERCURY MA-8 FLIGHT
MERCURY MA-9 FLIGHT
MERCURY PROJECT
NOMAD LAUNCH VEHICLE
OAO
ORBITAL RENDEZVOUS
RANGER PROJECT
∞ VEHICLES

ATLAS SLV-3 LAUNCH VEHICLE

UF • STANDARD LAUNCH VEHICLE 3
GS LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
MA-5 ENGINE

ATLIT PROJECT

UF ADVANCED TECHNOLOGY LIGHT TWIN
AIRCRAFT
GS PROGRAMS
NASA PROGRAMS
ATLIT PROJECT
PROJECTS
ATLIT PROJECT
RT ∞ AIRCRAFT
GAW-1 AIRFOIL
PA-34 SENECA AIRCRAFT

ATMOSPHERE EXPLORER A

USE EXPLORER 17 SATELLITE

ATMOSPHERE EXPLORER B

USE EXPLORER 32 SATELLITE

ATMOSPHERE EXPLORER C

USE EXPLORER 51 SATELLITE

ATMOSPHERE EXPLORER D

USE EXPLORER 54 SATELLITE

ATMOSPHERE EXPLORER E

USE EXPLORER 55 SATELLITE

∞ ATMOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT AIR
ARGON-OXYGEN ATMOSPHERES
ATMOSPHERIC PRESSURE
CABIN ATMOSPHERES
CONTROLLED ATMOSPHERES
EARTH ATMOSPHERE
ENVIRONMENTS
EQUATORIAL ATMOSPHERE
GAS MIXTURES
GASES
HELIUM-OXYGEN ATMOSPHERES
HYPOBARIC ATMOSPHERES
LIFE SUPPORT SYSTEMS
METEOROLOGY
MIDDLE ATMOSPHERE
NEPTUNE ATMOSPHERE
NEUTRAL ATMOSPHERES
NONGRAY ATMOSPHERES
NONGRAY GAS
PLANETARY ATMOSPHERES
PRIMITIVE EARTH ATMOSPHERE
SATELLITE ATMOSPHERES
SOLAR ATMOSPHERE
STELLAR ATMOSPHERES
URANUS ATMOSPHERE

ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS

SN (ATMOSPHERIC & OCEANOGRAPHIC
INFORMATION SYSTEMS)
UF AOIPS

ATMOSPHERIC & OCEANOGRAPHIC-(CONT)

GS DATA PROCESSING
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
INFORMATION SYSTEMS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
RT AEROLOGY
AIR WATER INTERACTIONS
DATA SYSTEMS
IMAGERY
ISOTHERMS
METEOROLOGICAL PARAMETERS
METEOROLOGY
MINICOMPUTERS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
∞ SYSTEMS
WEATHER

ATMOSPHERIC ABSORPTION

USE ATMOSPHERIC ATTENUATION

ATMOSPHERIC AND MAGNETOSPHERIC PAYLOAD

USE AMPS (SATELLITE PAYLOAD)

ATMOSPHERIC ATTENUATION

UF ATMOSPHERIC ABSORPTION
GS ATTENUATION
ATMOSPHERIC ATTENUATION
AURORAL ABSORPTION
RADIATION ABSORPTION
ATMOSPHERIC ATTENUATION
AURORAL ABSORPTION
RT ACOUSTIC ATTENUATION
ATMOSPHERIC LASERS
COSMIC RAY ALBEDO
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SCATTERING
ELECTROMAGNETIC WAVE
TRANSMISSION
INFRARED ABSORPTION
MOLECULAR ABSORPTION
PLANETARY ATMOSPHERES
RADAR ATTENUATION
RADAR TRANSMISSION
RADIO ATTENUATION
RADIO TRANSMISSION
SHOCK WAVE ATTENUATION
SHOCK WAVE PROPAGATION
THERMAL ABSORPTION
TRANSMISSION
VEGETATIVE INDEX
WAVE ATTENUATION
WAVE PROPAGATION

ATMOSPHERIC BOUNDARY LAYER

GS BOUNDARY LAYERS
ATMOSPHERIC BOUNDARY LAYER
RT AIR FLOW
AIR LAND INTERACTIONS
BOUNDARY LAYER FLOW
EKMAN LAYER
∞ LAYERS
PLANETARY BOUNDARY LAYER
PRIMITIVE EQUATIONS

ATMOSPHERIC CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
ATMOSPHERIC CHEMISTRY
RT ACID RAIN
AEROTHERMOCHEMISTRY
AIR POLLUTION
AITKEN NUCLEI
ATMOSPHERIC EFFECTS
∞ CHEMISTRY
FORMYL IONS
MIDDLE ATMOSPHERE
NITROUS ACID
PHOTOCHEMICAL OXIDANTS
PHOTOCHEMICAL REACTIONS
PHYSICAL CHEMISTRY
SATELLITE ATMOSPHERES

ATMOSPHERIC CIRCULATION

UF WIND CIRCULATION
GS CIRCULATION
ATMOSPHERIC CIRCULATION
RT ADVECTION
AIR CURRENTS
AIR LAND INTERACTIONS
AIR MASSES
ANNUAL VARIATIONS
ATMOSPHERIC GENERAL CIRCULATION
EXPERIMENT

ATMOSPHERIC CIRCULATION-(CONT)

BAROCLINIC INSTABILITY
BRUNT-VAISALA FREQUENCY
CIRCULATION DISTRIBUTION
CIRCUMPOLAR WESTERLIES
CLIMATOLOGY
EARTH ATMOSPHERE
GROUND WIND
INTERTROPICAL CONVERGENT ZONES
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
MIDDLE ATMOSPHERE
MIXING HEIGHT
MONSOONS
PLANETARY WAVES
POLLUTION TRANSPORT
SEA BREEZE
SUPERROTATION
TORNADOES
TROPICAL STORMS
TURBOPAUSE
TYPHOONS
UPWELLING WATER
VERTICAL AIR CURRENTS
VORTICITY
WIND (METEOROLOGY)
WIND DIRECTION
WIND PROFILES
WINDPOWER UTILIZATION

ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)

UF ACPL (SPACELAB)
ZERO-G ACPL (SPACELAB)
GS LABORATORIES
SPACE LABORATORIES
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
RT CLOUD PHYSICS
METEOROLOGICAL PARAMETERS
NEPHANALYSIS
SPACE SHUTTLES
SPACECRAFT INSTRUMENTS

ATMOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)
ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
IONOSPHERIC COMPOSITION
RT AERONOMY
AIR
AIR POLLUTION
AITKEN NUCLEI
CARBON DIOXIDE CONCENTRATION
CHEMICAL COMPOSITION
EARTH ATMOSPHERE
ELECTRON DENSITY (CONCENTRATION)
EQUATORIAL ATMOSPHERE
GAS COMPOSITION
LACATE (EXPERIMENT)
MIDDLE ATMOSPHERE
MOISTURE CONTENT
PLANETARY ATMOSPHERES
PRIMITIVE EARTH ATMOSPHERE
RADIO OCCULTATION
RADIOACTIVE CONTAMINANTS
SATELLITE ATMOSPHERES
SATURN ATMOSPHERE
SOLAR MESOSPHERE EXPLORER
TITAN

ATMOSPHERIC CONDITIONS

USE METEOROLOGY

ATMOSPHERIC CONDUCTIVITY

GS TRANSPORT PROPERTIES
ATMOSPHERIC CONDUCTIVITY
IONOSPHERIC CONDUCTIVITY
RT AIR CONDUCTIVITY
∞ CONDUCTIVITY
ELECTRICAL RESISTIVITY
THERMAL CONDUCTIVITY

ATMOSPHERIC CORRECTION

GS CORRECTION
ATMOSPHERIC CORRECTION
RT ATMOSPHERIC EFFECTS
CLOUDS (METEOROLOGY)
GEOMETRIC RECTIFICATION (IMAGERY)
IMAGE PROCESSING
INFRARED RADIOMETERS
RADIATIVE TRANSFER
SATELLITE IMAGERY
SPATIAL RESOLUTION

ATMOSPHERIC DENSITY

ATMOSPHERIC DENSITY

GS DENSITY (MASS/VOLUME)
ATMOSPHERIC DENSITY
 RT AIR POLLUTION
 BOLTZMANN DISTRIBUTION
 ∞ DENSITY
 DENSITY (NUMBER/VOLUME)
 ELECTRON DENSITY (CONCENTRATION)
 HUMIDITY
 ION DENSITY (CONCENTRATION)
 MAGNETOSPHERIC ELECTRON DENSITY
 MAGNETOSPHERIC ION DENSITY
 MAGNETOSPHERIC PROTON DENSITY
 METEOROLOGY
 PARTICLE DENSITY (CONCENTRATION)
 PLANETARY ATMOSPHERES
 PLASMA DENSITY
 PROTON DENSITY (CONCENTRATION)
 SPACE DENSITY

ATMOSPHERIC DIFFUSION

GS DIFFUSION
ATMOSPHERIC DIFFUSION
 RT BOLTZMANN DISTRIBUTION
 MOLECULAR DIFFUSION
 POLLUTION TRANSPORT
 RADIO SCATTERING
 TURBULENT DIFFUSION

ATMOSPHERIC EFFECTS

RT AEROSOLS
 AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC CORRECTION
 ∞ EFFECTS
 EROSION
 EXPOSURE
 RUSTING
 SOIL EROSION
 TURBULENCE
 VEGETATIVE INDEX
 WIND EFFECTS
 WIND EROSION

ATMOSPHERIC ELECTRICITY

GS ELECTRICITY
ATMOSPHERIC ELECTRICITY
 IONOSPHERIC CURRENTS
 ELECTROJETS
 AURORAL ELECTROJETS
 EQUATORIAL ELECTROJET
 RT ATMOSPHERICS
 BALL LIGHTNING
 CLOUD PHYSICS
 DUST STORMS
 EARTH ATMOSPHERE
 ELECTRIC CORONA
 ELECTRON DENSITY PROFILES
 LIGHTNING
 LIGHTNING SUPPRESSION
 PRIMITIVE EARTH ATMOSPHERE
 RING CURRENTS
 STATIC ELECTRICITY
 TELLURIC CURRENTS

ATMOSPHERIC EMISSION

USE AIRGLOW

ATMOSPHERIC ENERGY SOURCES

GS HYDROCARBON FUEL PRODUCTION
ATMOSPHERIC ENERGY SOURCES
 RT AMMONIA
 ∞ ENERGY SOURCES
 ENERGY TECHNOLOGY
 ETHYL ALCOHOL

ATMOSPHERIC ENTRY

UF PLANETARY ENTRY
 GS **ATMOSPHERIC ENTRY**
 REENTRY
 HYPERBOLIC REENTRY
 HYPERSONIC REENTRY
 UNCONTROLLED REENTRY
 (SPACECRAFT)
 MANNED REENTRY
 SPACECRAFT REENTRY
 UNCONTROLLED REENTRY
 (SPACECRAFT)
 RT ABLATION
 AEROASSIST
 AEROCAPTURE
 AERODYNAMIC HEATING
 AEROMANEUVERING
 BOLIDES
 DESCENT TRAJECTORIES

ATMOSPHERIC ENTRY-(CONT)

EARTH ATMOSPHERE
 ∞ ENTRY
 ENTRY GUIDANCE (STS)
 FALLING
 GALILEO PROJECT
 GAS GUNS
 ORBIT DECAY
 SPACE FLIGHT

ATMOSPHERIC ENTRY SIMULATION

GS SIMULATION
 EXHAUST FLOW SIMULATION
ATMOSPHERIC ENTRY SIMULATION
 RT ENVIRONMENT SIMULATION
 FLIGHT SIMULATORS
 LANDING SIMULATION
 SPACE ENVIRONMENT SIMULATION

ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT

GS PAYLOADS
 SPACE SHUTTLE PAYLOADS
 SPACEBORNE EXPERIMENTS
ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
 SPACELAB PAYLOADS
ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
 RT ATMOSPHERIC CIRCULATION
 EARTH ATMOSPHERE
 SPACE TRANSPORTATION SYSTEM

ATMOSPHERIC HEAT BUDGET

GS ENERGY BUDGETS
 HEAT BUDGET
ATMOSPHERIC HEAT BUDGET
 RT GREENHOUSE EFFECT
 HEAT BALANCE
 HEAT TRANSFER

ATMOSPHERIC HEATING

SN (EXCLUDES AERODYNAMIC HEATING)
 GS HEATING
ATMOSPHERIC HEATING
 RT BOLIDES

ATMOSPHERIC IMPURITIES

USE AIR POLLUTION

ATMOSPHERIC IONIZATION

UF METEORITIC IONIZATION
 GS IONIZATION
 GAS IONIZATION
ATMOSPHERIC IONIZATION
 AURORAL IONIZATION
 RT AFTERGLOWS
 AIRGLOW
 ANTARES ROCKET VEHICLE
 ELECTRON DENSITY PROFILES
 IONOSPHERE
 PHOTOIONIZATION
 PLASMASPHERE
 RADIO METEORS
 RIOMETERS

ATMOSPHERIC LASERS

GS STIMULATED EMISSION DEVICES
 LASERS
ATMOSPHERIC LASERS
 RT ATMOSPHERIC ATTENUATION
 ATMOSPHERIC OPTICS
 ATMOSPHERIC SCATTERING
 LASER OUTPUTS
 TEA LASERS

ATMOSPHERIC LOADING

USE POLLUTION TRANSPORT

ATMOSPHERIC MODELS

GS MODELS
ATMOSPHERIC MODELS
 REFERENCE ATMOSPHERES
 RT BAROCLINIC INSTABILITY
 CHAPMAN-FERRARO PROBLEM
 ENVIRONMENT MODELS
 ENVIRONMENT SIMULATION
 MATHEMATICAL MODELS
 NUMERICAL WEATHER FORECASTING
 OCEAN MODELS
 PRIMITIVE EARTH ATMOSPHERE
 SOLAR OSCILLATIONS
 STELLAR OSCILLATIONS
 VENUS CLOUDS

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ATMOSPHERIC MODELS-(CONT)

WEATHER FORECASTING

ATMOSPHERIC MOISTURE

GS COMPOSITION (PROPERTY)
 ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
 CONCENTRATION (COMPOSITION)
 MOISTURE CONTENT
ATMOSPHERIC MOISTURE
 RT ACID RAIN
 ANVIL CLOUDS
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLOUDS (METEOROLOGY)
 DEW POINT
 HUMIDITY
 PRECIPITATION (METEOROLOGY)
 PSYCHROMETERS
 WATER VAPOR

ATMOSPHERIC NOISE

USE ATMOSPHERICS

ATMOSPHERIC OPTICS

RT ADAPTIVE OPTICS
 ATMOSPHERIC LASERS
 CLARITY
 HAZE
 INFRARED ABSORPTION
 LIGHT TRANSMISSION
 OPACITY
 ∞ OPTICS
 TRANSPARENCE
 VEGETATIVE INDEX
 ATMOSPHERIC PHYSICS
 UF AEROPHYSICS
 GS **ATMOSPHERIC PHYSICS**
 CLOUD PHYSICS
 RT AERONOMY
 BRUNT-VAISALA FREQUENCY
 DUST STORMS
 INTERNATIONAL MAGNETOSPHERIC STUDY
 METEOROLOGY
 NEUTRAL SHEETS
 ∞ PHYSICS
 SATELLITE ATMOSPHERES
 ∞ SCIENCE
 SECULAR VARIATIONS
 TURBOPAUSE

ATMOSPHERIC PRESSURE

UF BAROMETRIC PRESSURE
 GS PRESSURE
ATMOSPHERIC PRESSURE
 RT ANTICYCLONES
 ∞ ATMOSPHERES
 CYCLONES
 GAS PRESSURE
 GEOPOTENTIAL HEIGHT
 HIGH ALTITUDE PRESSURE
 ISOBARS (PRESSURE)
 ISOSTATIC PRESSURE
 PRESSURE GRADIENTS
 RADIO OCCULTATION
 WEATHER

ATMOSPHERIC RADIATION

GS **ATMOSPHERIC RADIATION**
 AURORAS
 AURORAL ARCS
 RED ARCS
 RADIO AURORAS
 DAWN CHORUS
 IONOSPHERIC NOISE
 WHISTLERS
 SKY RADIATION
 AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 DAYGLOW
 STRATOSPHERE RADIATION
 TROPOSPHERIC RADIATION
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 EXTRATERRESTRIAL RADIATION
 GREENHOUSE EFFECT
 IONOSPHERIC HEATING
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION
 ∞ RAYS

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ATOMIC SPECTRA

ATMOSPHERIC RADIATION-(CONT)
 SECONDARY COSMIC RAYS
 TERRESTRIAL RADIATION
 VLF EMISSION RECORDERS

ATMOSPHERIC REFRACTION
 GS REFRACTION
 ATMOSPHERIC REFRACTION
 RADIO WAVE REFRACTION
 RT ELECTROMAGNETIC RADIATION
 LIGHT TRANSMISSION
 REFRACTIVITY
 SOLAR RADIATION
 WAVE DISPERSION

ATMOSPHERIC SCATTERING
 GS SCATTERING
 WAVE SCATTERING
 ATMOSPHERIC SCATTERING
 TROPOSPHERIC SCATTERING
 RT ATMOSPHERIC LASERS
 CIRCUMSOLAR RADIATION
 DIFFRACTION
 DIFFUSION
 ELECTROMAGNETIC SCATTERING
 HALOS
 LIGHT SCATTERING
 MICROWAVE SCATTERING
 RADIO SCATTERING
 SIGNAL FADING
 VEGETATIVE INDEX

ATMOSPHERIC SHELLS
 USE ATMOSPHERIC STRATIFICATION

ATMOSPHERIC SOUNDING
 GS SOUNDING
 ATMOSPHERIC SOUNDING
 RT BALLOON SOUNDING
 IONOSPHERIC SOUNDING
 ROCKET SOUNDING
 SATELLITE SOUNDING
 VISIBLE INFRARED SPIN SCAN
 RADIOMETER

ATMOSPHERIC STRATIFICATION
 UF ATMOSPHERIC SHELLS
 GS STRATIFICATION
 ATMOSPHERIC STRATIFICATION
 RT BRUNT-VAISALA FREQUENCY
 PLASMA LAYERS
 SURFACE LAYERS

ATMOSPHERIC TEMPERATURE
 GS TEMPERATURE
 ATMOSPHERIC TEMPERATURE
 AURORAL TEMPERATURE
 IONOSPHERIC TEMPERATURE
 RT AMBIENT TEMPERATURE
 GAS TEMPERATURE
 ISOTHERMS
 LACATE (EXPERIMENT)
 PLANETARY ATMOSPHERES
 PLANETARY TEMPERATURE
 RADIO OCCULTATION
 SODAR
 SOUND DETECTING AND RANGING
 SUBZERO TEMPERATURE
 TEMPERATURE GRADIENTS
 TEMPERATURE INVERSIONS
 THERMAL RESOURCES
 WEATHER

ATMOSPHERIC TIDES
 GS TIDES
 ATMOSPHERIC TIDES
 RT EARTH TIDES
 LUNAR TIDES

ATMOSPHERIC TURBULENCE
 GS TURBULENCE
 ATMOSPHERIC TURBULENCE
 CLEAR AIR TURBULENCE
 GUSTS
 LOW LEVEL TURBULENCE
 RT DISSIPATION
 GUST LOADS
 HOMOGENEOUS TURBULENCE
 ISOTROPIC TURBULENCE
 LAMINAR FLOW
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 TEPHIGRAMS
 TURBOPAUSE
 TURBULENT DIFFUSION

ATMOSPHERIC TURBULENCE-(CONT)
 TURBULENT FLOW
 WIND VARIATIONS

ATMOSPHERIC WINDOWS
 RT ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMICAL PHOTOMETRY

ATMOSPHERICS
 UF ATMOSPHERIC NOISE
 SFERICS
 GS ELECTROMAGNETIC INTERFERENCE
 RADIO FREQUENCY INTERFERENCE
 BLACKOUT (PROPAGATION)
 ELECTROMAGNETIC NOISE
 ATMOSPHERICS
 IONOSPHERICS
 DAWN CHORUS
 HISS
 SUDDEN ENHANCEMENT OF
 ATMOSPHERICS
 WHISTLERS
 RT ATMOSPHERIC ELECTRICITY
 ELECTROMAGNETIC COMPATIBILITY
 RADIO METEOROLOGY
 RADIO WAVES
 STATIC ELECTRICITY
 THUNDERSTORMS
 VLF EMISSION RECORDERS

ATOLL REEFS
 USE CORAL REEFS

ATOLLS
 GS LANDFORMS
 ISLANDS
 ATOLLS
 RT CORAL REEFS
 LAGOONS
 REEFS

ATOM CONCENTRATION
 GS COMPOSITION (PROPERTY)
 CONCENTRATION (COMPOSITION)
 ATOM CONCENTRATION
 RT CHEMICAL COMPOSITION
 ∞ DENSITY
 ELECTRON DENSITY (CONCENTRATION)
 FLUX DENSITY
 GAS COMPOSITION
 GAS DENSITY
 ION DENSITY (CONCENTRATION)
 IONOSPHERIC COMPOSITION
 PLASMA COMPOSITION
 PLASMA DENSITY
 PROTON DENSITY (CONCENTRATION)

ATOMIC BATTERIES
 USE RADIOISOTOPE BATTERIES

ATOMIC BEAMS
 GS BEAMS (RADIATION)
 PARTICLE BEAMS
 ATOMIC BEAMS
 RT ION BEAMS
 MOLECULAR BEAMS
 NEUTRAL ATOMS
 NEUTRAL BEAMS
 NEUTRON BEAMS
 PARTICLE DIFFUSION
 RAREFIED GAS DYNAMICS

ATOMIC BOMBS
 USE FISSION WEAPONS

ATOMIC CLOCKS
 GS MEASURING INSTRUMENTS
 TIME MEASURING INSTRUMENTS
 CLOCKS
 ATOMIC CLOCKS
 RT AUTONOMOUS SPACECRAFT CLOCKS
 CHRONOMETERS
 CLOCK PARADOX
 FREQUENCY STANDARDS
 GAS MASERS
 MASERS
 MOLECULAR BEAMS
 TIME MEASUREMENT

ATOMIC COLLISIONS
 GS ATOMIC INTERACTIONS
ATOMIC COLLISIONS
 COLLISIONS
ATOMIC COLLISIONS

ATOMIC COLLISIONS-(CONT)
 RT ∞ ABSORPTION
 ATOMIZING
 AUTOIONIZATION
 ∞ CROSS SECTIONS
 ELASTIC SCATTERING
 ELECTRON SCATTERING
 ∞ INTERACTIONS
 IONIC COLLISIONS
 IONIZATION
 MOLECULAR COLLISIONS
 PARTICLE COLLISIONS
 RECOIL IONS
 RECOMBINATION REACTIONS
 SCATTERING

ATOMIC ENERGY
 USE NUCLEAR ENERGY

ATOMIC ENERGY LEVELS
 UF TRIPLET EXCITATION
 TRIPLET STATE
 GS LEVEL (QUANTITY)
 ENERGY LEVELS
 ATOMIC ENERGY LEVELS
 RT ATOMIC INTERACTIONS
 EXCITATION
 GROUND STATE
 LANDAU FACTOR
 LINE SPECTRA
 SPONTANEOUS EMISSION

ATOMIC EXCITATIONS
 GS EXCITATION
 ATOMIC EXCITATIONS
 RT ENERGY LEVELS
 HEISENBERG THEORY
 IONIZATION
 MOLECULAR EXCITATION
 PARTICLE COLLISIONS
 RESONANCE FLUORESCENCE

ATOMIC EXPLOSIONS
 USE NUCLEAR EXPLOSIONS

ATOMIC GASES
 USE MONATOMIC GASES

ATOMIC INTERACTIONS
 GS **ATOMIC INTERACTIONS**
 ATOMIC COLLISIONS
 RT ATOMIC ENERGY LEVELS
 ∞ INTERACTIONS
 ION ATOM INTERACTIONS
 MOLECULAR STRUCTURE
 QUANTUM MECHANICS

ATOMIC MASS
 USE ATOMIC WEIGHTS

ATOMIC MOBILITIES
 GS MOBILITY
 ATOMIC MOBILITIES
 RT ELECTRON MOBILITY
 HOLE MOBILITY
 IONIC MOBILITY
 SELF DIFFUSION (SOLID STATE)

ATOMIC PHYSICS
 RT HARTREE-FOCK-SLATER METHOD
 ∞ PHYSICS
 RESONANCE FLUORESCENCE
 ∞ SCIENCE

ATOMIC RECOMBINATION
 GS CHEMICAL REACTIONS
 ATOMIC RECOMBINATION
 OXYGEN RECOMBINATION
 RECOMBINATION REACTIONS
 ATOMIC RECOMBINATION
 OXYGEN RECOMBINATION
 RT DEIONIZATION
 DISSOCIATION
 EMISSION
 EMISSION SPECTRA
 ION RECOMBINATION
 RADIATIVE RECOMBINATION

ATOMIC SPECTRA
 GS SPECTRA
 ATOMIC SPECTRA
 RT BALMER SERIES
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION

ATOMIC STRUCTURE

ATOMIC SPECTRA-(CONT)

LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES

ATOMIC STRUCTURE

UF ELECTRONIC STRUCTURE
RT ATOMS
CONSTITUTION
CRYSTAL LATTICES
ELEMENTARY PARTICLES
ENERGY LEVELS
FINE STRUCTURE
GRAVITONS
HARTREE APPROXIMATION
HYPERFINE STRUCTURE
INTERATOMIC FORCES
ISOELECTRONIC SEQUENCE
MELTS (CRYSTAL GROWTH)
MOLECULAR STRUCTURE
NUCLEAR CHEMISTRY
NUCLEAR MODELS
NUCLEAR PHYSICS
OCTETS
ORDER-DISORDER TRANSFORMATIONS
PARTICLE PRECIPITATION
PAULI EXCLUSION PRINCIPLE
POLYMER
STRUCTURES
THOMAS-FERMI MODEL

ATOMIC THEORY

GS ATOMIC THEORY
HEISENBERG THEORY
RT ELECTRON TRANSITIONS
GROUND STATE
LANDAU FACTOR
NUCLEAR ENERGY
QUANTUM THEORY
THEORIES

ATOMIC WEIGHTS

UF ATOMIC MASS
GS WEIGHT (MASS)
ATOMIC WEIGHTS
RT WEIGHT

ATOMIZATION

USE ATOMIZING

ATOMIZERS

RT ATOMIZING
EVAPORATORS
GRINDING MILLS
NOZZLES
SPRAYERS

ATOMIZING

UF ATOMIZATION
GS ATOMIZING
GAS ATOMIZATION
LIQUID ATOMIZATION
RT AEROSOLS
ATOMIC COLLISIONS
ATOMIZERS
COLLOIDAL GENERATORS
COLLOIDING
COMMINUTION
DISINTEGRATION
FLAKING
GRINDING (COMMINUTION)
GRINDING MILLS
METAL POWDER
SPRAYING

ATOMS

GS ATOMS
HELIUM ATOMS
HOT ATOMS
HYDROGEN ATOMS
METASTABLE ATOMS
NEUTRAL ATOMS
NITROGEN ATOMS
OXYGEN ATOMS
RECOIL ATOMS
RT ATOMIC STRUCTURE
CHEMICAL ELEMENTS
ELEMENTS
FREE RADICALS
IONS
ISOMERS
ISOTOPE SEPARATION
ISOTOPIES
MOLECULES
MONATOMIC MOLECULES

ATOMS-(CONT)

NUCLEI (NUCLEAR PHYSICS)
POLYATOMIC MOLECULES
POSITIVE IONS
POSITRONIUM

ATP

USE ADENOSINE TRIPHOSPHATE

ATR REACTOR

USE ADVANCED TEST REACTORS

ATROPHY

RT BIOLOGICAL EFFECTS
DEGENERATION
DETERIORATION
NUTRITIONAL REQUIREMENTS
PHYSICAL EXERCISE
TISSUES (BIOLOGY)

ATROPINE

GS DRUGS
STIMULANTS
ATROPINE
HETEROCYCLIC COMPOUNDS
ALKALOIDS
ATROPINE
NITROGEN COMPOUNDS
ALKALOIDS
ATROPINE

ATS

UF APPLICATIONS TECHNOLOGY
SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
SCIENTIFIC SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
RT COMMUNICATION SATELLITES
EARLY BIRD SATELLITES
METEOROLOGICAL SATELLITES
NAVIGATION SATELLITES
NAVSTAR SATELLITES

ATS 1

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 1
SCIENTIFIC SATELLITES
ATS
ATS 1

ATS 2

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 2
SCIENTIFIC SATELLITES
ATS
ATS 2

ATS 3

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 3
SCIENTIFIC SATELLITES
ATS
ATS 3

ATS 4

GS SATELLITES

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ATS 4-(CONT)

ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
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ATS 4
SCIENTIFIC SATELLITES
ATS
ATS 4

ATS 5

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 5
SCIENTIFIC SATELLITES
ATS
ATS 5

ATS 6

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 6
SCIENTIFIC SATELLITES
ATS
ATS 6
RT HET EXPERIMENT

ATS 7

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 7
SCIENTIFIC SATELLITES
ATS
ATS 7

ATS 8

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 8
SCIENTIFIC SATELLITES
ATS
ATS 8

ATTACHMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF REATTACHMENT
RT ASSEMBLING
COANDA EFFECT
ELECTRON ATTACHMENT
MOUNTING
REATTACHED FLOW

ATTACHMENTS

USE ACCESSORIES

ATTACK

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ATTACKING (ASSAULTING)
CHEMICAL ATTACK

ATTACK AIRCRAFT

GS ATTACK AIRCRAFT
A-1 AIRCRAFT
A-7 AIRCRAFT
A-9 AIRCRAFT
A-10 AIRCRAFT
A-37 AIRCRAFT
AH-63 HELICOPTER
AH-64 HELICOPTER
BOMBER AIRCRAFT
A-2 AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
A-5 AIRCRAFT
A-6 AIRCRAFT
B-1 AIRCRAFT
B-26 AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
B-57 AIRCRAFT
B-58 AIRCRAFT
B-66 AIRCRAFT
B-70 AIRCRAFT

ATTACK AIRCRAFT-(CONT)

F-100 AIRCRAFT
SHACKLETON BOMBER
VALIANT AIRCRAFT
VICTOR MK-1 AIRCRAFT
VULCAN AIRCRAFT
BREGUET 1150 AIRCRAFT
BUCCANEER AIRCRAFT
CL-41 AIRCRAFT
DH 112 AIRCRAFT
DH 115 AIRCRAFT
FIGHTER AIRCRAFT
ALPHA JET AIRCRAFT
F-2 AIRCRAFT
F-4 AIRCRAFT
F-5 AIRCRAFT
F-8 AIRCRAFT
F-9 AIRCRAFT
F-14 AIRCRAFT
F-15 AIRCRAFT
F-16 AIRCRAFT
F-17 AIRCRAFT
F-18 AIRCRAFT
F-27 AIRCRAFT
F-84 AIRCRAFT
F-86 AIRCRAFT
F-89 AIRCRAFT
F-94 AIRCRAFT
F-100 AIRCRAFT
F-101 AIRCRAFT
F-102 AIRCRAFT
F-104 AIRCRAFT
F-105 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
FV-12A AIRCRAFT
G 91 AIRCRAFT
G-95/4 AIRCRAFT
GA-5 AIRCRAFT
JAGUAR AIRCRAFT
JET PROVOST AIRCRAFT
MIG AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
P-51 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
SAAB 37 AIRCRAFT
SCIMITAR AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
VJ-101 AIRCRAFT
YF-12 AIRCRAFT
YF-16 AIRCRAFT
OV 10 AIRCRAFT
P-308 AIRCRAFT
T-2 AIRCRAFT
TSR-2 AIRCRAFT
RT AEROQUATIC VEHICLES
∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
JET AIRCRAFT
∞ MILITARY AIRCRAFT
MILITARY HELICOPTERS
MRCA AIRCRAFT
SUPERSONIC AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
V/STOL AIRCRAFT

ATTACKING (ASSAULTING)

UF ASSAULTING
GS VIOLENCE
RT ∞ ATTACKING (ASSAULTING)
∞ ATTACK
∞ MILITARY AIRCRAFT
TACTICS
WARFARE

ATTENTION

RT ALERTNESS
CONSCIOUSNESS

ATTENUATION

GS **ATTENUATION**
ACOUSTIC ATTENUATION
SHOCK WAVE ATTENUATION
ATMOSPHERIC ATTENUATION
AURORAL ABSORPTION
MICROWAVE ATTENUATION
SIDELOBE REDUCTION
WAVE ATTENUATION
RADAR ATTENUATION
RADIO ATTENUATION
MANDELSTAM REPRESENTATION
SHOCK WAVE ATTENUATION
RT ∞ ABSORPTION

ATTENUATION-(CONT)

ATTENUATORS
∞ CONDUCTION
DAMPING
DIFFRACTION
DILUTION
DISSIPATION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE
TRANSMISSION
ELIMINATION
FADING
IMPINGEMENT
∞ INHIBITION
INTERNAL FRICTION
LIGHT (VISIBLE RADIATION)
MECHANICAL IMPEDANCE
∞ PROPAGATION
∞ REDUCTION
RETARDING
SHIELDING
SIGNAL FADING
SIGNAL TO NOISE RATIOS
SOUND PROPAGATION
SOUND TRANSMISSION
SPATIAL FILTERING
TRANSMISSION
TRANSMISSION LOSS
TRANSMITTERS
VIBRATION DAMPING
WAVE DEGRADATION
WAVE DIFFRACTION
WAVE DISPERSION
WAVE PROPAGATION

ATTENUATION COEFFICIENTS

GS COEFFICIENTS
RT **ATTENUATION COEFFICIENTS**
DIFFUSION COEFFICIENT
FLOW COEFFICIENTS
IMPEDANCE
OPACITY
REFLECTANCE
SCATTERING COEFFICIENTS
TRANSMISSION EFFICIENCY
TRANSMITTANCE

ATTENUATORS

GS **ATTENUATORS**
RESISTORS
POTENTIOMETERS (RESISTORS)
PRINTED RESISTORS
THERMISTORS
RT ∞ ABSORBERS
ABSORBERS (MATERIALS)
ATTENUATION
BAFFLES
DEFLECTORS
∞ DIFFUSERS
ELECTROMAGNETIC WAVE FILTERS
EQUALIZERS (CIRCUITS)
∞ FILTERS
INSULATORS
INVERTERS
ISOLATORS
MUFFLERS
POWER LIMITERS
RADIATION SHIELDING
REFLECTORS
SHIELDING
SILENCERS
SUPPRESSORS

ATTITUDE (INCLINATION)

UF SPATIAL ORIENTATION
TILT
TILTING
GS **ATTITUDE (INCLINATION)**
PITCH (INCLINATION)
ROLL
SATELLITE ORIENTATION
YAW
RT HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
MISALIGNMENT
∞ MOTION
∞ ORIENTATION
∞ POSITION
∞ SPACE ORIENTATION
STABILITY AUGMENTATION
TILTMETERS
VERTICAL ORIENTATION

ATTITUDE CONTROL

GS **ATTITUDE CONTROL**

ATTITUDE CONTROL-(CONT)

DIRECTIONAL CONTROL
THRUST VECTOR CONTROL
LATERAL CONTROL
LONGITUDINAL CONTROL
SATELLITE ATTITUDE CONTROL
RT AIR TRAFFIC CONTROL
AIRCRAFT CONTROL
AUTOMATIC CONTROL
COLD GAS
∞ CONTROL
CONTROL MOMENT GYROSCOPES
FLIGHT CONTROL
GUIDANCE SENSORS
HELICOPTER CONTROL
HORIZON SCANNERS
MAGNETIC CONTROL
MANUAL CONTROL
MIRANDA SATELLITE
MISSILE CONTROL
ORBITAL LIFETIME
REACTION WHEELS
REMOTE CONTROL
ROCKET ENGINE CONTROL
SATELLITE CONTROL
SOLAR SENSORS
SPACECRAFT CONTROL
SPACING
SPIN STABILIZATION
STAR TRACKERS
THRUST CONTROL
TRAJECTORY CONTROL
VISUAL CONTROL

ATTITUDE GYROS

GS GYROSCOPES
ATTITUDE GYROS
GYRO HORIZONS
RT CONTROL MOMENT GYROSCOPES
SEA KEEPING

ATTITUDE INDICATORS

UF HELICOPTER ATTITUDE INDICATORS
YAWMETERS
GS AIRCRAFT INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
FLIGHT INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
RT CONTROL MOMENT GYROSCOPES
FLIGHT CONTROL
NAVIGATION AIDS

ATTITUDE STABILITY

UF SATELLITE ATTITUDE DISTURBANCE
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DISCOS (SATELLITE ATTITUDE
CONTROL)
HOVERING STABILITY
LOW SPEED STABILITY
SATELLITE ATTITUDE CONTROL
SPACECRAFT MOTION
SPACECRAFT STABILITY
TUMBLING MOTION

ATTRACTION

RT AFFINITY
FIELD THEORY (PHYSICS)
∞ FORCE
GRAVITATIONAL FIELDS

ATTRIBUTES

USE PROPERTIES

ATTRITION (MATERIALS)

ATTRITION (MATERIALS)

USE COMMUNION

AUDIO DATA

RT AUDIO FREQUENCIES
∞ DATA
DATA TRANSMISSION

AUDIO EQUIPMENT

GS AUDIO EQUIPMENT
EARPHONES
LOUDSPEAKERS
MICROPHONES
RT ∞ EQUIPMENT
MONAURAL SIGNALS

AUDIO FREQUENCIES

SN (APPROXIMATELY 20 TO 20,000 HZ)
GS FREQUENCIES

AUDIO FREQUENCIES
QUEFRENCIES
RT ACOUSTIC MEASUREMENT
AUDIO DATA
AUDIO SIGNALS
AUDITORY PERCEPTION
CEPSTRAL ANALYSIS
EXTREMELY LOW RADIO FREQUENCIES
MONAURAL SIGNALS
NOISE POLLUTION
RADIO FREQUENCIES
SOUND GENERATORS
SOUND TRANSMISSION
SOUND WAVES
VERY LOW FREQUENCIES
VOICE

AUDIO SIGNALS

RT AUDIO FREQUENCIES
AUDITORY SIGNALS
SIGNAL PROCESSING
SIGNAL TRANSMISSION
∞ SIGNALS

AUDIO VISUAL EQUIPMENT

USE TRAINING DEVICES
VISUAL AIDS

AUDIOLOGY

GS PHYSIOLOGY
AUDIOLOGY
RT AUDIOMETRY
AUDITORY FATIGUE
AUDITORY PERCEPTION
HEARING

AUDIOMETRY

RT ACOUSTIC MEASUREMENT
AUDIOLOGY
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UF SOUND PERCEPTION
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RT ACOUSTICS
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BINAURAL HEARING

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RT AUDITORY PERCEPTION
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UF CHIMES
RT AUDIO SIGNALS
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GS STIMULATION
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SOUND GENERATORS
SOUND INTENSITY
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RT ICE
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RT COSMIC RAY SHOWERS
∞ EFFECTS
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GS SPECTROSCOPY
AUGER SPECTROSCOPY
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ELECTRON TRANSITIONS
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THERMITES

AUGMENTATION

UF ENHANCEMENT
GS AUGMENTATION
STABILITY AUGMENTATION
THRUST AUGMENTATION
RT INCREASING
SPATIAL FILTERING

AURIGA CONSTELLATION

GS CONSTELLATIONS
AURIGA CONSTELLATION
RT ZETA AURIGAE STAR

AURORA 7

GS MANNED SPACECRAFT
MERCURY SPACECRAFT
AURORA 7
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
MERCURY SPACECRAFT
AURORA 7
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MERCURY SPACECRAFT

NASA THESAURUS (VOLUME 1)

AURORA 7-(CONT)

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SPACE CAPSULES
MERCURY SPACECRAFT
AURORA 7
RT MERCURY MA-7 FLIGHT

AURORAL ABSORPTION

GS ATTENUATION
ATMOSPHERIC ATTENUATION
AURORAL ABSORPTION
ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
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ELECTROMAGNETIC ABSORPTION
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RT ∞ ABSORPTION
LIGHT EMISSION
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AURORAL ARCS

GS ATMOSPHERIC RADIATION
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GS ECHOES
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RT RADAR ECHOES
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GS ELECTRIC CURRENT
IONOSPHERIC CURRENTS
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AURORAL ELECTROJETS
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RT EQUATORIAL ELECTROJET
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GS IONIZATION
GAS IONIZATION
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RT AURORAS
EXCITATION
LIGHT EMISSION
PHOTOIONIZATION
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AURORAL IRRADIATION

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RT AURORAS
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RT CHANNEL MULTIPLIERS
FABRY-PEROT SPECTROMETERS
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ATMOSPHERIC TEMPERATURE
AURORAL TEMPERATURE
RT AURORAS
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GS REGIONS
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POLAR RADIO BLACKOUT
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UF AURORAL ACTIVITY
POLAR AURORAS
GS ATMOSPHERIC RADIATION
AURORAS
AURORAL ARCS
RED ARCS
RADIO AURORAS
RT AERONOMY
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AURORAL IRRADIATION
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AURORAL ZONES
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ELECTRON PRECIPITATION
ESRO 4 SATELLITE
LIGHT EMISSION
MAGNETIC DISTURBANCES
NIGHT SKY
PROTON PRECIPITATION
SKY BRIGHTNESS
SOLAR ACTIVITY
X RAYS

AUSFORMING

GS FORMING TECHNIQUES
AUSFORMING
METAL WORKING
AUSFORMING
RT FORGING
∞ ROLLING

AUSTENITE

RT ALLOTROPY
FERRITES
IRON ALLOYS
MARTENSITE
MARTENSITIC TRANSFORMATION
MICROSTRUCTURE
STEELS

AUSTENITIC STAINLESS STEELS

GS ALLOYS
IRON ALLOYS
STEELS
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AUSTENITIC STAINLESS STEELS
RT MARTENSITIC STAINLESS STEELS
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NATIONS
AUSTRALIA
RT TASMANIA
TORRES STRAIT

AUSTRALITES

GS CELESTIAL BODIES
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STONY METEORITES
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GS NATIONS
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RT ALPS MOUNTAINS (EUROPE)
CENTRAL EUROPE
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GS CATALYSIS
AUTOCATALYSIS
RT ABIOGENESIS
CATALYTIC ACTIVITY
REACTION KINETICS

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RT AUTOCLAVING
CHEMICAL REACTORS
∞ CONTAINERS
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RT AUTOCLAVES
CURING
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GS LANGUAGES
PROGRAMMING LANGUAGES
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AUTOCODERS
RT COMPILERS
COMPUTER PROGRAMMING
COMPUTER SYSTEMS PROGRAMS
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USE COLLIMATORS

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GS CORRELATION
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RT CROSS CORRELATION
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GS CIRCUITS
AUTODYNES
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RT ∞ DETECTORS
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GS V/STOL AIRCRAFT
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RT ADAPTIVE CONTROL
ARTIFICIAL INTELLIGENCE
∞ AUTOMATION
BIONICS
COMPUTERS
CYBERNETICS
DEPERSONALIZATION
HEURISTIC METHODS
INFORMATION THEORY
LEARNING MACHINES
ROBOTICS
ROBOTS
SELF ADAPTIVE CONTROL SYSTEMS
∞ THEORIES
TURING MACHINES

AUTOMATED EN ROUTE ATC

GS GROUND BASED CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
TRAFFIC CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RT AIRCRAFT GUIDANCE
APPROACH CONTROL
AUTOMATED PILOT ADVISORY SYSTEM
FLIGHT CONTROL
GROUND-AIR-GROUND COMMUNICATION

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UF AGT
GS SURFACE VEHICLES
AUTOMATED TRANSIT VEHICLES
AUTOMATED GUIDEWAY TRANSIT VEHICLES
RT AUTOMATED MIXED TRAFFIC VEHICLES
CONVEYORS
PASSENGERS
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
TRANSPORTATION
URBAN TRANSPORTATION
∞ VEHICLES

AUTOMATED MIXED TRAFFIC VEHICLES

UF AMTV
GS RESEARCH VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
SURFACE VEHICLES
MOTOR VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
RT AUTOMATED GUIDEWAY TRANSIT VEHICLES
PASSENGERS
URBAN TRANSPORTATION
∞ VEHICLES

AUTOMATED PILOT ADVISORY SYSTEM

RT AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
∞ SYSTEMS

AUTOMATED RADAR TERMINAL SYSTEM

RT AIR TRAFFIC CONTROL
RADAR EQUIPMENT
RADAR TRACKING
∞ SYSTEMS

AUTOMATED TRANSIT VEHICLES

GS SURFACE VEHICLES
AUTOMATED TRANSIT VEHICLES
AUTOMATED GUIDEWAY TRANSIT VEHICLES
RT CONVEYORS
ELECTRIC MOTOR VEHICLES
PASSENGERS
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
TRANSPORTATION
URBAN TRANSPORTATION
∞ VEHICLES

AUTOMATIC CONTROL

UF SELF REGULATING
GS **AUTOMATIC CONTROL**
ADAPTIVE CONTROL
ACTIVE CONTROL
LEARNING MACHINES
SELF ADAPTIVE CONTROL SYSTEMS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
DYNAMIC CONTROL
FEEDBACK CONTROL
CASCADE CONTROL
FEEDFORWARD CONTROL
NUMERICAL CONTROL
OFF-ON CONTROL
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
PROPORTIONAL CONTROL
SELF ALIGNMENT
SEQUENTIAL CONTROL
RT AIRCRAFT CONTROL
ATTITUDE CONTROL
∞ AUTOMATION
COMBUSTION CONTROL
∞ CONTROL
CONTROL EQUIPMENT
CONTROL SYSTEMS DESIGN
CONTROLLERS
DEPERSONALIZATION
DIRECTIONAL CONTROL
DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC AIRCRAFT

AUTOMATIC CONTROL VALVES

AUTOMATIC CONTROL-(CONT)

ELECTRONIC CONTROL
ENGINE CONTROL
ENVIRONMENTAL CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HELICOPTER CONTROL
HYDRAULIC CONTROL
∞INSTRUMENTS
JET CONTROL
LANDING INSTRUMENTS
LATERAL CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
MEASURING INSTRUMENTS
MISSILE CONTROL
NEGATIVE FEEDBACK
PNEUMATIC CONTROL
RADIO CONTROL
REAL TIME OPERATION
RECORDING INSTRUMENTS
REENTRY GUIDANCE
REGULATORS
RELIEF VALVES
REMOTE CONTROL
ROBOTICS
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE
SELF ABSORPTION
SERVOCONTROL
SERVOMECHANISMS
SERVOMOTORS
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
SPEED CONTROL
STABILITY AUGMENTATION
TEMPERATURE CONTROL
TERMINAL CONFIGURED VEHICLE PROGRAM
THERMOSTATS
THRUST VECTOR CONTROL
TRACKING PROBLEM
TRANSFER FUNCTIONS
TURBOJET ENGINE CONTROL

AUTOMATIC CONTROL VALVES

GS VALVES
AUTOMATIC CONTROL VALVES
PRESSURE REGULATORS
RELIEF VALVES
RT ACTUATORS
∞CONTROL
DAMPERS (VALVES)
DYNAMIC CHARACTERISTICS
FLUID AMPLIFIERS
FLUID SWITCHING ELEMENTS
GAS VALVES
HYDRAULIC EQUIPMENT
PNEUMATIC CONTROL
REGULATORS
SERVOMECHANISMS
SOLENOID VALVES
TEMPERATURE CONTROL

AUTOMATIC DATA PROCESSING

USE DATA PROCESSING

AUTOMATIC FLIGHT CONTROL

UF AFCS (CONTROL SYSTEM)
GS AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
FLIGHT CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
RT AIRCRAFT CONTROL
AIRCRAFT INSTRUMENTS
AUTONOMOUS NAVIGATION
∞CONTROL
DISTANCE MEASURING EQUIPMENT
FLIGHT MANAGEMENT SYSTEMS
HIGHLY MANEUVERABLE AIRCRAFT
MISSILE CONTROL
NAVIGATION
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SOLAR COMPASSES
TERMINAL CONFIGURED VEHICLE PROGRAM
THRUST VECTOR CONTROL

AUTOMATIC FREQUENCY CONTROL

UF AFC (CONTROL)
GS AUTOMATIC CONTROL
AUTOMATIC FREQUENCY CONTROL
REGULATORS
RT ∞CONTROL
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FREQUENCY MODULATION
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TUNING

AUTOMATIC GAIN CONTROL

UF AGC (CONTROL)
GS AUTOMATIC CONTROL
AUTOMATIC GAIN CONTROL
RT ∞CONTROL
FEEDBACK CONTROL
TUNING

AUTOMATIC LANDING CONTROL

GS AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
FLIGHT CONTROL
AUTOMATIC FLIGHT CONTROL
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INSTRUMENT LANDING SYSTEMS
AUTOMATIC LANDING CONTROL
RT AIRBORNE EQUIPMENT
AIRCRAFT EQUIPMENT
BLIND LANDING
DISTANCE MEASURING EQUIPMENT
FLIGHT MANAGEMENT SYSTEMS
MICROWAVE LANDING SYSTEMS
TERMINAL CONFIGURED VEHICLE PROGRAM

AUTOMATIC LIGHT AIRCRAFT READINESS MONITOR

USE ALARM PROJECT

AUTOMATIC PATTERN RECOGNITION

USE PATTERN RECOGNITION

AUTOMATIC PICTURE TRANSMISSION

UF APT (PICTURE TRANSMISSION)
GS TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
AUTOMATIC PICTURE TRANSMISSION
RT TELEVISION TRANSMISSION
WAVE PROPAGATION

AUTOMATIC PILOTS

UF AUTOPILOTS
GS AIRCRAFT INSTRUMENTS
AUTOMATIC PILOTS
FLIGHT INSTRUMENTS
AUTOMATIC PILOTS
RT AIRCRAFT EQUIPMENT
FLIGHT CONTROL
GYROSCOPES
HIGHLY MANEUVERABLE AIRCRAFT
HOMING
LANDING AIDS
NAVIGATION AIDS
∞PILOTS
RADIO ALTIMETERS
SOLAR COMPASSES

AUTOMATIC ROCKET IMPACT PREDICTORS

USE COMPUTERIZED SIMULATION
IMPACT PREDICTION

AUTOMATIC TEST EQUIPMENT

RT ∞EQUIPMENT
MEASURING INSTRUMENTS
SNEAK CIRCUIT ANALYSIS
∞TEST EQUIPMENT

AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION

SN (AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION SERVICE)
UF ATARS
RT AUTOMATED PILOT ADVISORY SYSTEM
COLLISION AVOIDANCE
GROUND BASED CONTROL
NAVIGATION AIDS
RESOLUTION
∞SYSTEMS

NASA THESAURUS (VOLUME 1)

AUTOMATIC TYPEWRITERS

UF FLEXOWRITERS (TRADEMARK)
GS TYPEWRITERS
AUTOMATIC TYPEWRITERS
RT CONSOLES
DISPLAY DEVICES
PRINTERS (DATA PROCESSING)
PUNCHED TAPES

AUTOMATIC WEATHER STATIONS

GS STATIONS
AUTOMATIC WEATHER STATIONS
RT DATA ACQUISITION
DATA COLLECTION PLATFORMS
INSTRUMENT PACKAGES
METEOROLOGICAL SERVICES
OCEAN DATA ACQUISITIONS SYSTEMS
REMOTE SENSORS
WEATHER DATA RECORDERS

∞ AUTOMATION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
UF INSTRUMENTAL ANALYSIS
RT AUTOMATA THEORY
AUTOMATIC CONTROL
COMMAND AND CONTROL
COMPUTER VISION
COMPUTERS
CONTROL SYSTEMS DESIGN
CONTROLLERS
CYBERNETICS
DATA PROCESSING
DEPERSONALIZATION
FAIL-SAFE SYSTEMS
FEEDBACK CONTROL
FEEDFORWARD CONTROL
INFORMATION THEORY
MAN MACHINE SYSTEMS
MATERIALS HANDLING
MECHANIZATION
NUMERICAL CONTROL
REMOTE CONTROL
ROBOTICS
SELF ERECTING DEVICES
SELF REPAIRING DEVICES
SERVOMECHANISMS
SYSTEMS ENGINEERING
TOOLING

AUTOMOBILE ACCIDENTS

RT ACCIDENT INVESTIGATION
ACCIDENT PREVENTION
ACCIDENTS
SAFETY DEVICES

AUTOMOBILE ENGINES

RT EXTERNAL COMBUSTION ENGINES
INTERNAL COMBUSTION ENGINES
PISTON ENGINES
ROTARY ENGINES
TURBINE ENGINES
WANKEL ENGINES

AUTOMOBILE FUELS

GS FUELS
CHEMICAL FUELS
LIQUID FUELS
AUTOMOBILE FUELS
RT AIRCRAFT FUELS
ANTIKNOCK ADDITIVES
DIESEL FUELS
GASOLINE
HYDROCARBON FUELS
INTERNAL CC RUSTION ENGINES
SYNTHANE

AUTOMOBILES

UF JEEPS
GS SURFACE VEHICLES
MOTOR VEHICLES
AUTOMOBILES
ELECTRIC AUTOMOBILES
RT AIR BAG RESTRAINT DEVICES
ANTISKID DEVICES
CHASSIS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTOR VEHICLES
FUEL SYSTEMS
HYDROGEN ENGINES
IGNITION SYSTEMS
LUBRICATION SYSTEMS
∞MILITARY VEHICLES
TRAILERS

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AUTOMOBILES-(CONT)

TRUCKS
∞ VEHICLES

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GS ALGEBRA
GROUP THEORY
HOMOMORPHISMS
AUTOMORPHISMS

AUTONOMIC NERVOUS SYSTEM

GS NERVOUS SYSTEM
AUTONOMIC NERVOUS SYSTEM
SYMPATHETIC NERVOUS SYSTEM
RT INVOLUNTARY ACTIONS
∞ SYSTEMS

AUTONOMOUS NAVIGATION

RT AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SATELLITE NAVIGATION SYSTEMS
SPACE NAVIGATION
SPACECRAFT GUIDANCE

AUTONOMOUS SPACECRAFT CLOCKS

GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS
CLOCKS

AUTONOMOUS SPACECRAFT CLOCKS

RT ATOMIC CLOCKS
GLOBAL POSITIONING SYSTEM
SPACECRAFT INSTRUMENTS
TDR SATELLITES

AUTONOMY

RT ADAPTIVE CONTROL
COMMAND AND CONTROL
∞ COMMANDS
∞ DIRECTION
EQUATIONS OF MOTION
MANAGEMENT
SELF ADAPTIVE CONTROL SYSTEMS

AUTOPILOTS

USE AUTOMATIC PILOTS

AUTOPSIES

RT DISSECTION
PATHOLOGY

AUTORADIOGRAPHY

GS IMAGERY
RADIOGRAPHY
AUTORADIOGRAPHY
PHOTOGRAPHY
AUTORADIOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY

AUTOREGRESSIVE PROCESSES

RT FACTOR ANALYSIS
∞ PROCESSES
REGRESSION ANALYSIS
STATISTICAL ANALYSIS

AUTOROTATION

UF WINDMILLING
GS GYRATION
ROTATION

AUTOROTATION

RT ROTARY WING AIRCRAFT
ROTOCHUTES

AUTOTROPHS

GS AUTOTROPHS
HYDROGENOMONAS
RT HETEROTROPHS

AUTUMN

GS SEASONS
AUTUMN
RT SPRING (SEASON)
SUMMER
WINTER

AUXILIARY EQUIPMENT (COMPUTERS)

SN (EXCLUDES COMPUTER-CONTROLLED EQUIPMENT)
GS DATA PROCESSING EQUIPMENT
AUXILIARY EQUIPMENT (COMPUTERS)
PRINTERS (DATA PROCESSING)
RT COMPUTER SYSTEMS DESIGN

AUXILIARY EQUIPMENT (COMPUTERS)-(CONT)

DATA PROCESSING
∞ EQUIPMENT

AUXILIARY POWER SOURCES

GS AUXILIARY POWER SOURCES
ASTEC SOLAR TURBOELECTRIC GENERATOR
CHEMICAL AUXILIARY POWER UNITS
NUCLEAR AUXILIARY POWER UNITS
SNAP

FISSION ELECTRIC CELLS

SNAP 2
SNAP 4
SNAP 8
SNAP 10A

SNAP 1

SNAP 3

SNAP 7

SNAP 9A

SNAP 11

SNAP 13

SNAP 15

SNAP 17

SNAP 19

SNAP 21

SNAP 23

SNAP 27

SNAP 29

SNAP 50

SPACE POWER REACTORS

FISSION ELECTRIC CELLS

SNAP 2

SNAP 4

SNAP 8

SNAP 10A

SNAP 50

SPACE POWER UNIT REACTORS

SOLAR AUXILIARY POWER UNITS

SUNFLOWER POWER SYSTEM

RT AIRCRAFT POWER SUPPLIES
DIRECT POWER GENERATORS
ELECTRIC BATTERIES
ELECTRIC GENERATORS
∞ ELECTRIC POWER
ELECTRIC POWER SUPPLIES
∞ ENERGY SOURCES
GROUND SUPPORT EQUIPMENT
∞ POWER SUPPLIES
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

AUXILIARY PROPULSION

GS PROPULSION

AUXILIARY PROPULSION

RT AERONAUTICAL ENGINEERING

∞ ASTRONAUTICS

ENGINES

HYDROGEN OXYGEN ENGINES

MARQUARDT R4D ENGINE

MISSILES

PROPELLANTS

PROPULSION SYSTEM CONFIGURATIONS

ROCKET PROPELLANTS

SPACE FLIGHT

SPACE SHUTTLES

∞ SPACECRAFT

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USE HARRIER AIRCRAFT

AV-8B AIRCRAFT

USE HARRIER AIRCRAFT

AVAILABILITY

RT ABUNDANCE
ENERGY POLICY
RESERVES
RESOURCES

AVALANCHE DIODES

UF IMPATT DIODES
TRAPATT DIODES
ZENER DIODES

GS ELECTRONIC EQUIPMENT
DIODES

SEMICONDUCTOR DIODES

AVALANCHE DIODES

SOLID STATE DEVICES

SEMICONDUCTOR DEVICES

AVALANCHE DIODES

CRYOSAR

RECTIFIERS

AVRO WHITWORTH HS-748 AIRCRAFT

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CRYOSAR
RT BARRITT DIODES
ION IMPLANTATION
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TRAPATT DEVICES
VOLTAGE REGULATORS

AVALANCHES

GS AVALANCHES
ELECTRON AVALANCHE
TOWNSEND AVALANCHE
RT EARTH MOVEMENTS
ELECTRIC DISCHARGES
ION PRODUCTION RATES
IONIZING RADIATION

AVCS

USE ADVANCED VIDICON CAMERA SYSTEM (AVCS)

AVERAGE

GS AVERAGE
MEAN
RT DISTRIBUTION MOMENTS
MEDIAN (STATISTICS)
MODE (STATISTICS)
NORMALITY
NORMS
QUALITY CONTROL

AVIAN 2/180 AUTOGIRO

GS RESEARCH AIRCRAFT
AVIAN 2/180 AUTOGIRO
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
AUTOGYROS
AVIAN 2/180 AUTOGIRO

AVIATION

USE AERONAUTICS

AVIATION PSYCHOLOGY

GS AEROSPACE MEDICINE
AVIATION PSYCHOLOGY
PSYCHOLOGY
AVIATION PSYCHOLOGY
RT AIRCRAFT PILOTS
MILITARY PSYCHOLOGY
PILOT TRAINING
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS
SPACE PSYCHOLOGY

AVIATORS

USE AIRCRAFT PILOTS

AVIONICS

RT ∞ AERONAUTICS
AIRBORNE EQUIPMENT
AIRCRAFT COMMUNICATION
AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
ASTRONAUTICS
∞ ASTRONAUTICS
∞ CONTROL
∞ ELECTRONICS
FLIGHT MANAGEMENT SYSTEMS
GUIDANCE (MOTION)
HEAD-UP DISPLAYS
MODULARITY
SINGLE EVENT UPSETS
SYSTEMS INTEGRATION
∞ TEST EQUIPMENT
VIDEO LANDMARK ACQUISITION AND TRACKING

AVOIDANCE

GS AVOIDANCE
COLLISION AVOIDANCE
BEACON COLLISION AVOIDANCE SYSTEM
VORTEX AVOIDANCE
RT ACCIDENT PREVENTION
HAZARDS
TRAFFIC
TRAFFIC CONTROL
WARNING SYSTEMS

AVRO WHITWORTH HS-748 AIRCRAFT

USE HS-748 AIRCRAFT

AVRO 698 AIRCRAFT

AVRO 698 AIRCRAFT
 USE VULCAN AIRCRAFT

AVRO 707 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
AVRO 707 AIRCRAFT
 JET AIRCRAFT
AVRO 707 AIRCRAFT
 MONOPLANES
AVRO 707 AIRCRAFT
 RESEARCH AIRCRAFT
AVRO 707 AIRCRAFT
 TAILLESS AIRCRAFT
AVRO 707 AIRCRAFT
 RT ∞ AIRCRAFT
 DELTA WINGS
 VULCAN AIRCRAFT

AWACS AIRCRAFT
 UF AIRBORNE WARNING AND CONTROL
 SYSTEM
 GS **AWACS AIRCRAFT**
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 RT ∞ AIRCRAFT
 BOEING AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 GRUMMAN AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY

AWARDS
 SN (EXCLUDES CONTACTS & GRANTS)
 RT ASTRONAUTS
 BIOGRAPHY
 SCIENTISTS

AXAF
 USE X RAY ASTROPHYSICS FACILITY

AXES (COORDINATES)
 USE COORDINATES

AXES (REFERENCE LINES)
 GS **AXES (REFERENCE LINES)**
 AXES OF ROTATION
 EARTH AXIS
 RT COORDINATES

AXES OF ROTATION
 GS AXES (REFERENCE LINES)
AXES OF ROTATION
 EARTH AXIS
 RT BODIES OF REVOLUTION
 ROTATING BODIES
 ROTATION
 SHAFTS (MACHINE ELEMENTS)
 SYMMETRICAL BODIES

AXIAL COMPRESSION LOADS
 GS LOADS (FORCES)
 AXIAL LOADS
AXIAL COMPRESSION LOADS
 COMPRESSION LOADS
AXIAL COMPRESSION LOADS
 RT AERODYNAMIC LOADS
 COMPRESSING
 DYNAMIC LOADS
 SHOCK LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS

AXIAL COMPRESSORS
 USE TURBOCOMPRESSORS

AXIAL FLOW
 GS FLUID FLOW
AXIAL FLOW
 RT ANNULAR FLOW
 AXISYMMETRIC FLOW
 COAXIAL FLOW
 COAXIAL NOZZLES
 COUNTERFLOW
 DISCHARGE COEFFICIENT
 FLOW GEOMETRY
 ONE DIMENSIONAL FLOW
 RADIAL FLOW
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW

AXIAL FLOW COMPRESSORS
 USE TURBOCOMPRESSORS

AXIAL FLOW PUMPS
 GS PUMPS
AXIAL FLOW PUMPS
 TURBINE PUMPS
 RT CENTRIFUGAL PUMPS
 FUEL PUMPS

AXIAL FLOW TURBINES
 GS TURBOMACHINERY
 TURBINES
AXIAL FLOW TURBINES
 RT GAS TURBINE ENGINES
 GAS TURBINES
 STEAM TURBINES

AXIAL LOADS
 GS LOADS (FORCES)
AXIAL LOADS
 AXIAL COMPRESSION LOADS
 RT AERODYNAMIC LOADS
 COMPRESSION LOADS
 DYNAMIC LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS

AXIAL MODES
 GS MODES
AXIAL MODES
 RT COMBUSTION STABILITY
 LASER MODES
 PROPELLANT COMBUSTION
 ROCKET ENGINES

AXIAL STRAIN
 UF AXISYMMETRIC DEFORMATION
 UNIAXIAL STRAIN
 GS DEFORMATION
AXIAL STRAIN
 RT ELASTIC DEFORMATION
 STRESS-STRAIN DIAGRAMS
 STRUCTURAL STRAIN

AXIAL STRESS
 GS STRESSES
AXIAL STRESS
 RT TENSILE STRESS

AXIOMS
 UF POSTULATES
 GS MATHEMATICAL LOGIC
AXIOMS
 RT KNOWLEDGE
 ∞ LOGIC
 ∞ MATHEMATICS

AXISYMMETRIC BODIES
 GS SYMMETRICAL BODIES
AXISYMMETRIC BODIES
 RT BLUNT BODIES
 ∞ BODIES
 BODIES OF REVOLUTION
 CONICAL BODIES
 DUCTED BODIES
 LENTICULAR BODIES
 MISSILE BODIES
 SLENDER BODIES
 SLENDER CONES
 STREAMLINED BODIES

AXISYMMETRIC DEFORMATION
 USE AXIAL STRAIN

AXISYMMETRIC FLOW
 GS FLUID FLOW
AXISYMMETRIC FLOW
 ANNULAR FLOW
 KARMAN-BODEWADT FLOW
 RT AXIAL FLOW
 COAXIAL FLOW
 CONICAL FLOW
 COUETTE FLOW
 CROCCO METHOD
 CYLINDRICAL WAVES
 FLOW GEOMETRY
 HELICAL FLOW
 THREE DIMENSIONAL BOUNDARY LAYER

AXISYMMETRY
 USE SYMMETRY

NASA THESAURUS (VOLUME 1)

AXLES
 USE SHAFTS (MACHINE ELEMENTS)

AXONS
 GS CELLS (BIOLOGY)
AXONS
 NERVOUS SYSTEM
AXONS
 RT NEUROTRANSMITTERS

AZEOTROPES
 RT BINARY MIXTURES
 MIXTURES
 SOLUTIONS

AZIDES (INORGANIC)
 GS NITROGEN COMPOUNDS
AZIDES (INORGANIC)
 HYDROGEN AZIDES
 SODIUM AZIDES

AZIDES (ORGANIC)
 GS NITROGEN COMPOUNDS
AZIDES (ORGANIC)
 SODIUM AZIDES
 TRIAMINOGUANIDINIUM AZIDE
 RT EXPLOSIVES

AZIMUTH
 UF SOLAR AZIMUTH
 RT ALTITUDE
 ANGLES (GEOMETRY)
 ASTRONOMICAL COORDINATES
 BEARING (DIRECTION)
 CELESTIAL REFERENCE SYSTEMS
 ∞ DIRECTION
 ELEVATION ANGLE
 LOOK ANGLES (TRACKING)
 NAVIGATION
 ∞ ORIENTATION
 POSITION (LOCATION)

AZINES
 GS HETEROCYCLIC COMPOUNDS
AZINES
 CYANURATES
 CYANURIC ACID
 MECLIZINE
 METHYLENE BLUE
 PHENOTHIAZINES
 PYRAZINES
AZINES
 CYANURATES
 CYANURIC ACID
 MECLIZINE
 METHYLENE BLUE
 PHENOTHIAZINES
 RT DYES

AZO COMPOUNDS
 GS NITROGEN COMPOUNDS
AZO COMPOUNDS
 RDX
 RT ∞ CHEMICAL COMPOUNDS
 DYES

AZOLES
 GS HETEROCYCLIC COMPOUNDS
AZOLES
 ACETAZOLAMIDE
 OXAZOLE
 PYRROLES
 CARBAZOLES
 INDOLES
 TRYPTOPHAN

AZOTOBACTER
 GS MICROORGANISMS
 BACTERIA
AZOTOBACTER

AZULENE
 GS HETEROCYCLIC COMPOUNDS
AZULENE
 TERPENES
AZULENE

AZUR SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
AZUR SATELLITE
 RT EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION

AZUR SATELLITE-(CONT)
WEST GERMANY

A2F AIRCRAFT
USE A-6 AIRCRAFT

A3D AIRCRAFT
USE A-3 AIRCRAFT

A3J AIRCRAFT
USE A-5 AIRCRAFT

A4D AIRCRAFT
USE A-4 AIRCRAFT

B

B STARS

UF HELIUM STARS
GS CELESTIAL BODIES
STARS
HOT STARS
B STARS
RT BLUE STARS
HERBIG-HARO OBJECTS
LIMB BRIGHTENING
LIMB DARKENING
PECULIAR STARS
STELLAR COMPOSITION
WOLF-RAYET STARS

B-A-W DEVICES
USE BULK ACOUSTIC WAVE DEVICES

B-1 AIRCRAFT

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-1 AIRCRAFT
NORTH AMERICAN AIRCRAFT
B-1 AIRCRAFT
RT ∞AIRCRAFT
BOMBING EQUIPMENT
BOMBS (ORDNANCE)
COMBAT
JET AIRCRAFT
∞MILITARY AIRCRAFT
MULTIENGINE VEHICLES
WARFARE
∞WINGED VEHICLES

B-26 AIRCRAFT

UF INVADER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-26 AIRCRAFT
MARTIN AIRCRAFT
B-26 AIRCRAFT
MONOPLANES
B-26 AIRCRAFT
RT ∞AIRCRAFT

B-47 AIRCRAFT

UF RB-47 AIRCRAFT
STRATOJET AIRCRAFT
XB-47 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-47 AIRCRAFT
BOEING AIRCRAFT
B-47 AIRCRAFT
JET AIRCRAFT
B-47 AIRCRAFT
MONOPLANES
B-47 AIRCRAFT
RT ∞AIRCRAFT

B-50 AIRCRAFT

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-50 AIRCRAFT
BOEING AIRCRAFT
B-50 AIRCRAFT
JET AIRCRAFT
B-50 AIRCRAFT
MONOPLANES
B-50 AIRCRAFT
RT ∞AIRCRAFT

B-52 AIRCRAFT

UF STRATOFORTRESS AIRCRAFT
GS ATTACK AIRCRAFT

B-52 AIRCRAFT-(CONT)

BOMBER AIRCRAFT
B-52 AIRCRAFT
BOEING AIRCRAFT
B-52 AIRCRAFT
JET AIRCRAFT
B-52 AIRCRAFT
MONOPLANES
B-52 AIRCRAFT
RT ∞AIRCRAFT
TURBOFAN ENGINES

B-57 AIRCRAFT

UF CANBERRA BOMBER
RB-57 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-57 AIRCRAFT
JET AIRCRAFT
B-57 AIRCRAFT
MARTIN AIRCRAFT
B-57 AIRCRAFT
MONOPLANES
B-57 AIRCRAFT
RT ∞AIRCRAFT
CANBERRA AIRCRAFT

B-58 AIRCRAFT

UF HUSTLER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-58 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
B-58 AIRCRAFT
JET AIRCRAFT
B-58 AIRCRAFT
MONOPLANES
B-58 AIRCRAFT
SUPERSONIC AIRCRAFT
B-58 AIRCRAFT
TAILLESS AIRCRAFT
B-58 AIRCRAFT
RT ∞AIRCRAFT

B-66 AIRCRAFT

UF DESTROYER AIRCRAFT
RB-66 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-66 AIRCRAFT
JET AIRCRAFT
B-66 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
B-66 AIRCRAFT
MONOPLANES
B-66 AIRCRAFT
RT ∞AIRCRAFT

B-70 AIRCRAFT

UF VALKYRIE AIRCRAFT
XB-70 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-70 AIRCRAFT
JET AIRCRAFT
B-70 AIRCRAFT
MONOPLANES
B-70 AIRCRAFT
NORTH AMERICAN AIRCRAFT
B-70 AIRCRAFT
RESEARCH AIRCRAFT
B-70 AIRCRAFT
SUPERSONIC AIRCRAFT
B-70 AIRCRAFT
RT ∞AIRCRAFT

B-103 AIRCRAFT

USE BUCCANEER AIRCRAFT

BABBITT METAL

GS ALLOYS
ANTIMONY ALLOYS
BABBITT METAL
COPPER ALLOYS
BABBITT METAL
TIN ALLOYS
BABBITT METAL
RT BEARING ALLOYS

BABOONS

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES

BABOONS-(CONT)

BABOONS
WILDLIFE
BABOONS

BAC AIRCRAFT

UF BRITISH AIRCRAFT CORP AIRCRAFT
GS BAC AIRCRAFT
BAC 111 AIRCRAFT
CANBERRA AIRCRAFT
H-126 AIRCRAFT
JET PROVOST AIRCRAFT
SCIMITAR AIRCRAFT
TSR-2 AIRCRAFT
VALIANT AIRCRAFT
VC-10 AIRCRAFT
VISCOUNT AIRCRAFT
RT ∞AIRCRAFT

BAC TSR 2 AIRCRAFT

USE TSR-2 AIRCRAFT

BAC 111 AIRCRAFT

GS BAC AIRCRAFT
BAC 111 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BAC 111 AIRCRAFT
MONOPLANES
BAC 111 AIRCRAFT
PASSENGER AIRCRAFT
BAC 111 AIRCRAFT
TRANSPORT AIRCRAFT
BAC 111 AIRCRAFT
RT ∞AIRCRAFT

BACILLUS

GS MICROORGANISMS
BACTERIA
BACILLUS

BACK INJURIES

GS INJURIES
RT BACK INJURIES
WHIPLASH INJURIES

BACKFIRE

RT COMBUSTION
DEFLAGRATION
EXPLOSIONS
FIRES
FLAME DEFLECTORS
FLAME PROPAGATION
FLASHBACK

BACKGROUND NOISE

RT CHANNEL NOISE
COSMIC NOISE
ELASTIC WAVES
ELECTROMAGNETIC NOISE
IONOSPHERIC NOISE
∞ NOISE
NOISE (SOUND)
NOISE MEASUREMENT
NOISE SPECTRA
NOISE THRESHOLD
∞ RADIATION
RANDOM NOISE
∞ RAYS
SIGNAL TO NOISE RATIOS
SQUELCH CIRCUITS

BACKGROUND RADIATION

RT BIG BANG COSMOLOGY
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC BACKGROUND EXPLORER
SATELLITE
COSMIC NOISE
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIATION
HIGH ALTITUDE TESTS
IONOSPHERIC NOISE
∞ RADIATION
RELIC RADIATION
SKY RADIATION

BACKINGS

USE BACKUPS

BACKLOBES

RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
DIRECTIONAL ANTENNAS

BACKSCATTERING

BACKLOBES-(CONT)

∞ LOBES

BACKSCATTERING

GS SCATTERING

BACKSCATTERING

RT FORWARD SCATTERING
LASER PLASMA INTERACTIONS
NUCLEAR SCATTERING
SCATTER PROPAGATION

BACKSHORES

USE BEACHES

BACKUPS

UF BACKINGS
RT REDUNDANT COMPONENTS
RESERVES
WELDING

BACKWARD DIFFERENCING

RT DIFFERENTIAL EQUATIONS
NUMERICAL STABILITY
PROBLEM SOLVING

BACKWARD FACING STEPS

UF REARWARD FACING STEPS
RT BOUNDARY LAYER FLOW
FLOW GEOMETRY
FLUID BOUNDARIES
REATTACHED FLOW
RECIRCULATIVE FLUID FLOW
STAIRSTEPS
∞ STEPS

BACKWARD WAVE TUBES

GS MICROWAVE EQUIPMENT
MICROWAVE TUBES
MICROWAVE OSCILLATORS
BACKWARD WAVE TUBES
RT BEAM CURRENTS
ELECTRON TRANSFER

BACKWARD WAVES

RT ELASTIC WAVES
ELECTROMAGNETIC RADIATION
SOLITARY WAVES
TRANSMISSION LINES
TRAVELING WAVE TUBES
TRAVELING WAVES

BACKWASH

SN (EXCLUDES PROCESSES OF
BACKWASHING)
UF SIDEWASH
RT BOUNDARY LAYER STABILITY
DOWNWASH
SLIPSTREAMS
STROUHAL NUMBER
TURBULENCE
WAKES

BACTERIA

GS MICROORGANISMS
BACTERIA
ACTINOMYCETES
AZOTOBACTER
BACILLUS
CLOSTRIDIUM BOTULINUM
ESCHERICHIA
HYDROGENOMONAS
KLEBSIELLA
NITROBACTER
PSEUDOMONAS
SALMONELLA
SARCINA
SERRATIA
STAPHYLOCOCCUS
STEAROTHERMOPHILUS
STREPTOCOCCUS
STREPTOMYCETES
RT AEROBES
ANAEROBES
BACTERIOLOGY
BLIGHT
COLONIES
GNOTOBIOTICS
INVERTEBRATES
PANSPERMIA
PATHOGENS
SAPROPHYTES
WASTE TREATMENT

BACTERICIDES

UF GERMICIDES
RT ANTIINFECTIVES AND ANTIBACTERIALS
ANTISEPTICS
CHEMICAL STERILIZATION
FUMIGATION
STERILIZATION

BACTERIOLOGY

GS MICROBIOLOGY
BACTERIOLOGY
RT BACTERIA
∞ BIOLOGY
CLOSTRIDIUM BOTULINUM
COLONIES
ENDOTOXINS
GNOTOBIOTICS
VACCINES

BACTERIOPHAGES

GS MICROORGANISMS
VIRUSES
BACTERIOPHAGES
RT INTERFERON

BADLANDS

GS LAND
BADLANDS
RT BARREN LAND
TOPOGRAPHY

BAFFLES

RT ATTENUATORS
∞ BARRIERS
BLAST DEFLECTORS
CONICAL FLOW
DAMPING
DEFLECTORS
∞ DIFFUSERS
DIVERTERS
DIVIDERS
DUCTS
FLAME DEFLECTORS
LIQUID SLOSHING
LOUVERS
MIXERS
MUFFLERS
PANELS
REFLECTORS
SHIELDING
SUPPRESSORS

BAGGAGE

GS CARGO
BAGGAGE
RT AIR CARGO
BAGS
GROUND HANDLING

BAGS

GS BAGS
AIR BAG RESTRAINT DEVICES
GAS BAGS
RT BAGGAGE
∞ CONTAINERS
PACKAGES

BAHAMAS

GS LANDFORMS
ISLANDS
WEST INDIES
BAHAMAS
NATIONS
BAHAMAS
RT CARIBBEAN REGION

BAHRAIN

GS LANDFORMS
ISLANDS
BAHRAIN
NATIONS
BAHRAIN

BAILOUT

RT AIR DROP OPERATIONS
EJECTION
EJECTION INJURIES
EJECTION SEATS
EJECTION TRAINING
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
FLYING EJECTION SEATS
JETTISON SYSTEMS
JETTISONING

NASA THESAURUS (VOLUME 1)

BAILOUT-(CONT)

PARACHUTE DESCENT

BAINITE

RT BAINITIC STEEL
IRON ALLOYS
MICROSTRUCTURE
STEELS

BAINITIC STEEL

GS ALLOYS
IRON ALLOYS
STEELS
BAINITIC STEEL
RT BAINITE

BAJA CALIFORNIA

USE LOWER CALIFORNIA (MEXICO)

BAJADAS

USE FANS (LANDFORMS)

BAKELITE (TRADEMARK)

RT CERAMICS
RESINS
THERMOSETTING RESINS

BAKEOUT

USE DEGASSING

BAKER-NUNN CAMERA

GS OPTICAL EQUIPMENT
CAMERAS
BAKER-NUNN CAMERA
PHOTOGRAPHIC EQUIPMENT
CAMERAS
BAKER-NUNN CAMERA
RT ASTRONOMICAL PHOTOGRAPHY
SCHMIDT CAMERAS

BAKING

SN (EXCLUDES FOOD PROCESSING)
GS HEATING
BAKING
RT CASTING
DEGASSING
DRYING
HEAT TREATMENT
OVENS
ROASTING
STERILIZATION

BALANCE

RT AERODYNAMIC BALANCE
COMPENSATORS
∞ EQUILIBRIUM
HEAT BALANCE
∞ MASS BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
WEIGHT INDICATORS

BALANCE EQUATIONS

USE EQUATIONS

BALANCED AMPLIFIERS

USE PUSH-PULL AMPLIFIERS

BALANCING

RT ECCENTRICITY
∞ EQUILIBRIUM
FLYWHEELS
MAN MACHINE SYSTEMS
STABILIZATION

BALL BEARINGS

GS BEARINGS
ANTIFRICTION BEARINGS
BALL BEARINGS
RT BALLS
ELASTOHYDRODYNAMICS
NEEDLE BEARINGS
ROLLER BEARINGS
THRUST BEARINGS

BALL LIGHTNING

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
LIGHTNING
BALL LIGHTNING
RT ATMOSPHERIC ELECTRICITY

NASA THESAURUS (VOLUME 1)

BALTIC SHIELD (EUROPE)

∞ BALLAST
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT BALLAST (MASS)
 BALLASTS (IMPEDANCES)

BALLAST (MASS)
 RT AERODYNAMIC STABILITY
 ∞ BALLAST
 BUOYANCY
 COUNTERBALANCES
 FLOATING
 FLOATS
 HYDRODYNAMICS
 LOADS (FORCES)
 MASS DISTRIBUTION
 STABILITY
 STATIC LOADS

BALLASTS (IMPEDANCES)
 RT ∞ BALLAST
 CAPACITORS
 INDUCTORS
 LUMINAIRES
 RESISTORS
 TRANSFORMERS

BALLISTIC CAMERAS
 GS OPTICAL EQUIPMENT
 CAMERAS
BALLISTIC CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
BALLISTIC CAMERAS
 RT GROUND SUPPORT EQUIPMENT
 HIGH SPEED CAMERAS
 OPTICAL TRACKING
 RANGEFINDING
 STROBOSCOPES
 TRAJECTORY MEASUREMENT

BALLISTIC MISSILE DECOYS
 GS COUNTERMEASURES
BALLISTIC MISSILE DECOYS
 DECOYS
 RT **BALLISTIC MISSILE DECOYS**
 MISSILE DEFENSE
 REENTRY DECOYS

BALLISTIC MISSILE EARLY WARNING SYSTEM
 UF BMEWS
 GS WARNING SYSTEMS
 EARLY WARNING SYSTEMS
BALLISTIC MISSILE EARLY WARNING SYSTEM
 RT AIR DEFENSE
 MILITARY TECHNOLOGY
 RADAR TRACKING
 ∞ SYSTEMS

BALLISTIC MISSILE SUBMARINES
 GS WATER VEHICLES
 SHIPS
 SUBMARINES
BALLISTIC MISSILE SUBMARINES
 UNDERWATER VEHICLES
 SUBMARINES
BALLISTIC MISSILE SUBMARINES
 RT FLEET BALLISTIC MISSILES
 MISSILE LAUNCHERS
 MOBILE MISSILE LAUNCHERS
 NAVY
 POSEIDON MISSILES
 SEA LAUNCHING

BALLISTIC MISSILES
 SN (GUIDED ONLY DURING INITIAL POWERED PHASE)
 GS MISSILES
BALLISTIC MISSILES
 FIELD ARMY BALLISTIC MISSILES
 SUBROC MISSILE
 INTERCONTINENTAL BALLISTIC MISSILES
 ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 MINUTEMAN ICBM
 TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 INTERMEDIATE RANGE BALLISTIC MISSILES

BALLISTIC MISSILES-(CONT)
 BLUE STREAK MISSILE
 JUPITER MISSILE
 POLARIS MISSILES
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A3 MISSILE
 PERSHING MISSILE
 POSEIDON MISSILES
 SHORT RANGE BALLISTIC MISSILES
 SKYBOLT MISSILE
 V-2 MISSILE
 RT ANTIMISSILE MISSILES
 SAFEGUARD SYSTEM
 SURFACE TO SURFACE MISSILES

BALLISTIC RANGES
 GS RANGES (FACILITIES)
 TEST RANGES
BALLISTIC RANGES
 TEST FACILITIES
 TEST RANGES
BALLISTIC RANGES
 RT DOWNRANGE
 HYDROBALLISTICS
 MISSILE RANGES

BALLISTIC TRAJECTORIES
 GS TRAJECTORIES
BALLISTIC TRAJECTORIES
 RT ASCENT TRAJECTORIES
 BALLISTICS
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 DOWNRANGE
 FREE FALL
 IMPACT PREDICTION
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 PARABOLIC FLIGHT

∞ BALLISTIC VEHICLES
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 UF NONLIFTING VEHICLES
 RT REENTRY VEHICLES
 ROCKET VEHICLES
 TEST VEHICLES
 ∞ VEHICLES
 WEAPONS

BALLISTICS
 GS **BALLISTICS**
 HYDROBALLISTICS
 INTERIOR BALLISTICS
 TERMINAL BALLISTICS
 RT AERODYNAMIC DRAG
 BALLISTIC TRAJECTORIES
 GAS GUNS
 HOWITZERS
 HYPERVELOCITY GUNS
 ORDNANCE
 PROJECTILES
 PROPELLANTS
 TRAJECTORIES
 TRAJECTORY ANALYSIS
 TRAJECTORY MEASUREMENT

BALLISTOCARDIOGRAPHY
 GS BIOENGINEERING
 BIOMETRICS
 CARDIOGRAPHY
BALLISTOCARDIOGRAPHY
 RT ELECTROCARDIOGRAPHY
 PHONOCARDIOGRAPHY
 SEISMOCARDIOGRAPHY

BALLOON FLIGHT
 RT ∞ FLIGHT
 METEOROLOGICAL FLIGHT
 VERTICAL FLIGHT

BALLOON SOUNDING
 GS SOUNDING
BALLOON SOUNDING
 RT ATMOSPHERIC SOUNDING
 RADIOSONDES
 SUPERPRESSURE BALLOONS

BALLOON-BORNE INSTRUMENTS
 GS MEASURING INSTRUMENTS
BALLOON-BORNE INSTRUMENTS
 RT AIRBORNE EQUIPMENT
 ASTRONOMICAL TELESCOPES

BALLOON-BORNE INSTRUMENTS-(CONT)
 BALLOONS
 HIGH ALTITUDE BALLOONS
 METEOROLOGICAL INSTRUMENTS
 RADIOSONDES

BALLOONING MODES
 GS MODES
BALLOONING MODES
 RT MAGNETOHYDRODYNAMIC STABILITY
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 TEARING MODES (PLASMAS)

BALLOONS
 GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
BALLOONS
 HIGH ALTITUDE BALLOONS
 JIMSPHERE BALLOONS
 SKYHOOK BALLOONS
 SUPERPRESSURE BALLOONS
 METEOROLOGICAL BALLOONS
 JIMSPHERE BALLOONS
 ROBIN BALLOONS
 MICROBALLOONS
 TETHERED BALLOONS
 RT ∞ AIRCRAFT
 AIRSHIPS
 ASCENT
 BALLOON-BORNE INSTRUMENTS
 BALLUTES
 FOLDING STRUCTURES
 GAS BAGS
 GONDOLAS
 OBSERVATION AIRCRAFT
 PARAVULCOONS
 PILOTLESS AIRCRAFT
 STRATOSCOPE TELESCOPES

BALLS
 RT BALL BEARINGS
 FALLING SPHERES
 JOINTS (JUNCTIONS)
 SPHERES
 VALVES

BALLUTES
 GS BRAKES (FOR ARRESTING MOTION)
 AERODYNAMIC BRAKES
BALLUTES
 DRAG DEVICES
 AERODYNAMIC BRAKES
BALLUTES
 EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
BALLUTES
 RT AIR DROP OPERATIONS
 AIRCRAFT BRAKES
 BALLOONS
 DRAG CHUTES
 FOLDING STRUCTURES
 PARACHUTES

BALMER SERIES
 GS SPECTRA
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 LINE SPECTRA
BALMER SERIES
 RT ABSORPTION SPECTRA
 ATOMIC SPECTRA
 ELECTRON TRANSITIONS
 EMISSION SPECTRA
 H BETA LINE
 H GAMMA LINE
 H LINES
 HYDROGEN

BALSA
 RT TREES (PLANTS)
 WOOD

BALTIC SEA
 GS SEAS
BALTIC SEA
 RT ESTONIA
 LATVIA

BALTIC SHIELD (EUROPE)
 GS ROCKS
 BEDROCK
BALTIC SHIELD (EUROPE)
 RT EARTH RESOURCES
 EUROPE

BANACH SPACE

BALTIC SHIELD (EUROPE)-(CONT)
PRECAMBRIAN PERIOD

BANACH SPACE
GS ALGEBRA
VECTOR SPACES
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
FUNCTION SPACE
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
FUNCTIONAL ANALYSIS
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
RT HARMONIC ANALYSIS
METRIC SPACE

BAND RATIOING
GS IMAGE PROCESSING
BAND RATIOING
RT IMAGE ENHANCEMENT
MULTISPECTRAL BAND SCANNERS
REMOTE SENSING
SPECTRAL BANDS

BAND STRUCTURE OF SOLIDS
RT BRILLOUIN ZONES
CONDUCTION BANDS
ELECTRON TRANSITIONS
ENERGY GAPS (SOLID STATE)
FORBIDDEN BANDS
HETEROJUNCTION DEVICES
QUANTUM WELLS

BANDGAP
USE ENERGY GAPS (SOLID STATE)

BANDPASS FILTERS
GS ELECTROMAGNETIC WAVE FILTERS
BANDPASS FILTERS
CRYSTAL FILTERS
TRACKING FILTERS
RT ADAPTIVE FILTERS
BANDSTOP FILTERS
BANDWIDTH
ELECTRIC FILTERS
 ∞ FILTERS
FIR FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS
ULTRAVIOLET FILTERS
VOCODERS

∞ **BANDS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ABSORPTION SPECTRA
ANCHORS (FASTENERS)
BANDWIDTH
BLOCH BAND
BROADBAND
CLAMPS
CLIPS
CONDUCTION BANDS
EDGE DISLOCATIONS
ENERGY BANDS
FASTENERS
FORBIDDEN BANDS
FREQUENCIES
HERZBERG BANDS
HOLDERS
LOW FREQUENCY BANDS
NARROWBAND
PHOTOLUMINESCENT BANDS
PLASTIC DEFORMATION
RING STRUCTURES
SCHUMANN-RUNGE BANDS
SIDEBANDS
SPECTRAL BANDS
STRAPS
SWAN BANDS
VEGARD-KAPLAN BANDS

BANDSTOP FILTERS
GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
BANDSTOP FILTERS
RT ADAPTIVE FILTERS
BANDPASS FILTERS
BANDWIDTH

BANDSTOP FILTERS-(CONT)
CRYSTAL FILTERS
 ∞ FILTERS
HIGH PASS FILTERS
LOW PASS FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS
TRACKING FILTERS
WAVEGUIDE FILTERS

BANDWIDTH
GS **BANDWIDTH**
BROADBAND
NARROWBAND
SPECTRAL LINE WIDTH
RT BANDPASS FILTERS
 ∞ BANDS
BANDSTOP FILTERS
BROADBAND AMPLIFIERS
CHANNEL CAPACITY
DYNAMIC CHARACTERISTICS
FREQUENCIES
FREQUENCY RANGES
IMPEDANCE
LASER WINDOWS
RESONANT FREQUENCIES
SPEECH BASEBAND COMPRESSION
TRACKING FILTERS
TRANSFER FUNCTIONS
WIDTH
WINDOWS (INTERVALS)

BANG-BANG CONTROL
USE OFF-ON CONTROL

BANGLADESH
UF WEST PAKISTAN
GS NATIONS
BANGLADESH
RT ASIA
INDIA
PAKISTAN

BANKING FLIGHT
USE TURNING FLIGHT

BARANY CHAIR
GS SEATS
BARANY CHAIR
RT ROTATING ENVIRONMENTS
TOLERANCES (PHYSIOLOGY)
VERTIGO

BARBADOS
GS LANDFORMS
ISLANDS
WEST INDIES
BARBADOS
NATIONS
BARBADOS
RT CARIBBEAN REGION

BARCHANS
USE DUNES

BARDEEN APPROXIMATION
USE BARRIER LAYERS
ELECTRICAL PROPERTIES
SURFACE PROPERTIES

BARDEEN-COOPER-SCHRIEFFER THEORY
USE BCS THEORY

BARENTS SEA
GS SEAS
BARENTS SEA
RT ARCTIC OCEAN
U S R

BARITE
GS MINERALS
BARITE
SULFUR COMPOUNDS
SULFATES
BARITE

BARIUM
GS CHEMICAL ELEMENTS
BARIUM
BARIUM ISOTOPES
METALS
BARIUM
BARIUM ISOTOPES

NASA THESAURUS (VOLUME 1)

BARIUM ALLOYS
GS ALLOYS
BARIUM ALLOYS

BARIUM COMPOUNDS
GS **BARIUM COMPOUNDS**
BARIUM FERRATES
BARIUM FLUORIDES
BARIUM OXIDES
BARIUM SULFIDES
BARIUM TITANATES
BARIUM ZIRCONATES
RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

BARIUM FERRATES
GS **BARIUM COMPOUNDS**
BARIUM FERRATES
IRON COMPOUNDS
FERRATES
BARIUM FERRATES

BARIUM FLUORIDES
GS **BARIUM COMPOUNDS**
BARIUM FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
BARIUM FLUORIDES
HALIDES
FLUORIDES
BARIUM FLUORIDES
METAL HALIDES
BARIUM FLUORIDES

BARIUM ION CLOUDS
GS CLOUDS
CLOUDS (METEOROLOGY)
ARTIFICIAL CLOUDS
CHEMICAL CLOUDS
BARIUM ION CLOUDS
RT ELECTRIC FIELDS
GEOMAGNETISM
LINES OF FORCE
MAGNETOSPHERE
METAL IONS
ROCKET SOUNDING
THERMITES

BARIUM ISOTOPES
GS CHEMICAL ELEMENTS
ALKALINE EARTH METALS
BARIUM ISOTOPES
BARIUM
BARIUM ISOTOPES
NUCLIDES
ISOTOPES
BARIUM ISOTOPES
METALS
ALKALINE EARTH METALS
BARIUM ISOTOPES
BARIUM
BARIUM ISOTOPES

BARIUM OXIDES
GS **BARIUM COMPOUNDS**
BARIUM OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
ALKALINE EARTH OXIDES
BARIUM OXIDES

BARIUM SULFIDES
GS **BARIUM COMPOUNDS**
BARIUM SULFIDES
CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
BARIUM SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
BARIUM SULFIDES

BARIUM TITANATES
GS **BARIUM COMPOUNDS**
BARIUM TITANATES
TITANIUM COMPOUNDS
TITANATES
BARIUM TITANATES
RT DIELECTRICS

BARIUM ZIRCONATES

GS BARIUM COMPOUNDS
BARIUM ZIRCONATES
 ZIRCONIUM COMPOUNDS
 ZIRCONATES
 BARIUM ZIRCONATES

BARKHAUSEN EFFECT

RT ∞EFFECTS
 ELECTROMAGNETIC MEASUREMENT
 ELECTROMAGNETISM
 OSCILLOGRAPHS

BARLEY

GS FARM CROPS
 GRAINS (FOOD)
BARLEY
 PLANTS (BOTANY)
BARLEY
 RT AGRICULTURE
 BLIGHT
 BOTANY
 CROP GROWTH
 CROP VIGOR
 ∞CROPS
 ∞FOOD
 IRRIGATION
 SEEDS

BAROCLINIC INSTABILITY

GS STABILITY
BAROCLINIC INSTABILITY
 RT ATMOSPHERIC CIRCULATION
 ATMOSPHERIC MODELS
 BAROCLINIC WAVES
 BAROCLINITY
 FLOW STABILITY
 GEOSTROPHIC WIND
 METEOROLOGY

BAROCLINIC WAVES

GS ELASTIC WAVES
 CAPILLARY WAVES
 GRAVITY WAVES
BAROCLINIC WAVES
 SURFACE WAVES
 CAPILLARY WAVES
 GRAVITY WAVES
BAROCLINIC WAVES
 RT BAROCLINIC INSTABILITY
 BAROCLINITY
 BAROTROPIC FLOW
 CYCLONES
 DENSITY DISTRIBUTION
 GEOSTROPHIC WIND
 RADIATION PRESSURE
 STRATIFIED FLOW
 WAVE AMPLIFICATION
 ∞WAVES

BAROCLINITY

RT BAROCLINIC INSTABILITY
 BAROCLINIC WAVES
 BAROTROPIC FLOW
 BAROTROPISM
 ∞ISOBARS
 METEOROLOGICAL SOLENOIDS
 STRATIFIED FLOW

BAROMETERS

GS MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
BAROMETERS
 PRESSURE GAGES
BAROMETERS
 RT ALTIMETERS
 HYPSONETERS
 MANOMETERS
 PRESSURE MEASUREMENT
 VACUUM GAGES

BAROMETRIC PRESSURE

USE ATMOSPHERIC PRESSURE

BARORECEPTORS

GS ANATOMY
 SENSE ORGANS
BARORECEPTORS
 RECEPTORS (PHYSIOLOGY)
BARORECEPTORS
 RT PRESSURE
 PROPRIOCEPTORS

BAROTRAUMA

GS INJURIES
BAROTRAUMA
 RT DECOMPRESSION SICKNESS
 DIVING (UNDERWATER)

BAROTROPIC FLOW

GS FLUID FLOW
BAROTROPIC FLOW
 RT AIR CURRENTS
 AIR FLOW
 BAROCLINIC WAVES
 BAROCLINITY
 BAROTROPISM
 FLOW CHARACTERISTICS
 LEE WAVES
 PLANETARY WAVES
 RAYLEIGH WAVES
 ROSSBY REGIMES
 SEA BREEZE
 VISCOUS FLOW
 WIND (METEOROLOGY)
 WIND SHEAR

BAROTROPISM

GS **BAROTROPISM**
 PLANETARY WAVES
 RT BAROCLINITY
 BAROTROPIC FLOW
 ∞ISOBARS

∞ BARRAGES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT ARTILLERY FIRE
 DAMS

BARRED GALAXIES

GS CELESTIAL BODIES
 GALAXIES
 SPIRAL GALAXIES
BARRED GALAXIES
 RT DISK GALAXIES
 GALACTIC STRUCTURE
 HUBBLE DIAGRAM
 LOCAL GROUP (ASTRONOMY)
 STAR CLUSTERS
 STAR DISTRIBUTION
 STARS
 VIRGO GALACTIC CLUSTER

∞ BARRELS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT BARRELS (CONTAINERS)
 ∞DRUMS
 GUN LAUNCHERS

BARRELS (CONTAINERS)

UF CASKS
 RT ∞BARRELS
 ∞CONTAINERS
 DRUMS (CONTAINERS)

BARREN LAND

UF BARRENS
 GS LAND
BARREN LAND
 RT ARID LANDS
 BADLANDS
 DESERTIFICATION
 DESERTS
 LAND USE
 SAHARA DESERT (AFRICA)
 SITES
 SOILS
 TOPOGRAPHY

BARRENS

USE BARREN LAND

BARRICADES

USE BARRIERS

BARRIER INJECTION TRANSIT TIME DIODES

USE BARRITT DIODES

BARRIER LAYERS

UF BARDEEN APPROXIMATION
 RT ∞BARRIERS
 BARRITT DIODES
 INTERLAYERS

BARRIER LAYERS-(CONT)

JFET
 JOINTS (JUNCTIONS)
 JUNCTION DIODES
 JUNCTION TRANSISTORS
 ∞LAYERS
 MBM JUNCTIONS
 NONOHMIC EFFECT
 SEALS (STOPPERS)
 SEMICONDUCTOR DEVICES
 SIS (SEMICONDUCTORS)
 SURFACE LAYERS
 WATERPROOFING
 ZENER EFFECT

∞ BARRIERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 UF BARRICADES
 OBSTACLES
 RT ABORT APPARATUS
 ACOUSTIC VELOCITY
 ARRESTING GEAR
 BAFFLES
 BARRIER LAYERS
 BARRIERS (LANDFORMS)
 BARRITT DIODES
 BLOOD-BRAIN BARRIER
 BULKHEADS
 CHAINS
 CLOSURES
 CONSTRUCTIONS
 CURTAINS
 DAMS
 DIVIDERS
 ELECTRODE FILM BARRIERS
 ENCLOSURES
 FENCES (BARRIERS)
 GATES (OPENINGS)
 GUARDS (SHIELDS)
 MBM JUNCTIONS
 SAFETY DEVICES
 SCHOTTKY DIODES
 SEALS (STOPPERS)
 SHIELDING
 VAPOR BARRIER CLOTHING
 WALLS
 WIND (METEOROLOGY)
 WINDOWS (APERTURES)

BARRIERS (LANDFORMS)

GS LANDFORMS
BARRIERS (LANDFORMS)
 OUTER BANKS (NC)
 REEFS
 RT ∞BARRIERS
 BARS (LANDFORMS)
 ISLAND ARCS

BARRITT DIODES

UF BARRIER INJECTION TRANSIT TIME
 DIODES
 GS ELECTRONIC EQUIPMENT
 DIODES
 SEMICONDUCTOR DIODES
BARRITT DIODES
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
BARRITT DIODES
 RT AVALANCHE DIODES
 BARRIER LAYERS
 ∞BARRIERS
 CARRIER INJECTION
 CRYOSAR
 ELECTRIC POTENTIAL
 INJECTION
 JUNCTION DIODES
 MICROWAVE OSCILLATORS
 RECTIFIERS
 SCHOTTKY DIODES
 SEMICONDUCTOR JUNCTIONS
 SHOT NOISE
 TRANSIT TIME

BARS

GS **BARS**
 ELASTIC BARS
 PRISMATIC BARS
 RT METAL PLATES
 RODS
 STRUCTURAL MEMBERS

BARS (LANDFORMS)

UF TOMBOLOS

BARYCENTER

BARS (LANDFORMS)-(CONT)

GS LANDFORMS
BARS (LANDFORMS)
 RT BARRIERS (LANDFORMS)
 BEACHES
 COASTAL PLAINS
 LAGOONS
 LITTORAL DRIFT
 REEFS

BARYCENTER

USE CENTER OF GRAVITY

BARYON RESONANCE

GS RESONANCE
BARYON RESONANCE
 RT BARYONS
 HYPERONS
 SCATTERING CROSS SECTIONS

BARYONS

GS PARTICLES
 ELEMENTARY PARTICLES
 FERMIONS
BARYONS
 HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA MESONS
 HADRONS
BARYONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 RT BARYON RESONANCE
 COLD NEUTRONS
 ETA-MESONS
 FAST NEUTRONS
 GRAVITINOS
 KAONS
 MESON RESONANCE
 MESONS
 MUONS
 NEUTRONS
 NUCLEONS
 PHOTONEUTRONS
 PIONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 THERMAL NEUTRONS

BASALT

GS ROCKS
 IGNEOUS ROCKS
BASALT
 RT CONES (VOLCANOES)
 MARS VOLCANOES
 REGOLITH
 SOILS
 VOLCANOES
 VOLCANOLOGY

BASE FLOW

SN (FLUID FLOW AT THE BASE OR
 EXTREME AFT END OF A BODY)
 GS FLUID FLOW
BASE FLOW
 RT HEAD FLOW
 WAKES

BASE HEATING

GS HEATING
BASE HEATING
 RT AFTERBODIES
 CONVECTION
 EXHAUST NOZZLES
 JET EXHAUST
 JET IMPINGEMENT
 ∞ RADIATION
 ROCKET EXHAUST

BASE PRESSURE

GS PRESSURE
BASE PRESSURE
 RT AERODYNAMIC DRAG

BASEMENTS

RT ∞ BUILDINGS
 FLOORS
 FOUNDATIONS

∞ BASES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BASES (CHEMICAL)
 DATA BASES
 FOUNDATIONS
 INORGANIC COMPOUNDS
 ION CONCENTRATION
 LUNAR BASES
 SPACE BASES
 STATIONS

BASES (CHEMICAL)

RT ALKALIES
 ANHYDRIDES
 ∞ BASES

BASES (FOUNDATIONS)

USE FOUNDATIONS

BASIC (PROGRAMMING LANGUAGE)

GS LANGUAGES
 PROGRAMMING LANGUAGES
BASIC (PROGRAMMING LANGUAGE)
 RT COMPUTER PROGRAMMING

BASINS

USE STRUCTURAL BASINS

BASINS (CONTAINERS)

RT TANKS (CONTAINERS)

BASKETS

RT ∞ CONTAINERS
 GONDOLAS

BASTNASITE

GS CARBON COMPOUNDS
 CARBONATES
BASTNASITE
 MINERALS
BASTNASITE
 RARE EARTH COMPOUNDS
 CERIUM COMPOUNDS
BASTNASITE

BATCH PROCESSING

GS DATA PROCESSING
BATCH PROCESSING
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 DATA PROCESSING EQUIPMENT
 ∞ PROCESSING

BATHING

RT COOLING
 HYGIENE
 WASHING
 WASTE WATER

BATHOLITHS

GS ROCK INTRUSIONS
BATHOLITHS
 RT GRANITE
 IGNEOUS ROCKS
 ROCKS

BATHS

SN (EXCLUDES BATHING)
 GS **BATHS**
 SALT BATHS
 RT DIPPING
 ELECTROPLATING
 HEAT TRANSFER
 QUENCHING (COOLING)
 ∞ SOAKING
 SUBMERGING
 WATER IMMERSION

BATHYMETERS

UF BATHYMETRY
 GS MEASURING INSTRUMENTS
BATHYMETERS
 RT DEPTH MEASUREMENT
 OCEANOGRAPHY
 SOUNDING
 UNDERWATER RESEARCH
 LABORATORIES

BATHYMETRY

USE BATHYMETERS

NASA THESAURUS (VOLUME 1)

BATHYTHERMOGRAPHS

GS MEASURING INSTRUMENTS
 TEMPERATURE MEASURING
 INSTRUMENTS
BATHYTHERMOGRAPHS
 RECORDING INSTRUMENTS
BATHYTHERMOGRAPHS
 RT PRESSURE GRADIENTS
 TEMPERATURE GRADIENTS

BATS

GS ANIMALS
 VERTEBRATES
 MAMMALS
BATS
 WILDLIFE
BATS

BATTERIES

USE ELECTRIC BATTERIES

BATTERY CHARGERS

RT CHARGE EFFICIENCY
 ∞ CHARGING
 ELECTRIC BATTERIES
 PULSE CHARGING
 STORAGE BATTERIES

BATTERY SEPARATORS

USE SEPARATORS

BAUSCHINGER EFFECT

RT ∞ EFFECTS
 FATIGUE (MATERIALS)
 MICROSTRUCTURE

BAUXITE

RT ALUMINUM OXIDES
 MINERALS
 ROCKS

BAY ICE

GS ICE
BAY ICE
 RT FREEZING
 FROST
 ICE FORMATION
 ICE MAPPING
 ICE REPORTING
 LAKE ICE
 LOW TEMPERATURE
 NAVIGATION
 OCEANOGRAPHY
 SEA ICE
 SLUSH
 WATER

BAYARD-ALPERT IONIZATION GAGES

GS MEASURING INSTRUMENTS
 PRESSURE GAGES
 VACUUM GAGES
 IONIZATION GAGES
**BAYARD-ALPERT IONIZATION
 GAGES**
 VACUUM APPARATUS
 VACUUM GAGES
 IONIZATION GAGES
**BAYARD-ALPERT IONIZATION
 GAGES**
 RT HOT CATHODES

BAYES THEOREM

UF BAYESIAN STATISTICS
 GS THEOREMS
BAYES THEOREM
 RT QUALITY CONTROL
 SAMPLING

BAYESIAN STATISTICS

USE BAYES THEOREM

BAYOUS

GS LANDFORMS
 INLETS (TOPOGRAPHY)
BAYOUS
 RT LAKES
 MARSHLANDS
 RIVERS

∞ BAYS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BAYS (STRUCTURAL UNITS)

BAYS-(CONT)

BAYS (TOPOGRAPHIC FEATURES)

BAYS (STRUCTURAL UNITS)

RT AIRCRAFT COMPARTMENTS
AIRFRAMES
∞ BAYS
COMPARTMENTS
FUSELAGES
HULLS (STRUCTURES)
SHELLS (STRUCTURAL FORMS)

BAYS (TOPOGRAPHIC FEATURES)

UF BIGHTS
COVES
GS **BAYS (TOPOGRAPHIC FEATURES)**
CHESAPEAKE BAY (US)
DELAWARE BAY (US)
MONTEREY BAY (CA)
SAGINAW BAY (MI)
SAN FRANCISCO BAY (CA)
SAN PABLO BAY (CA)
RT ∞ BAYS
GULFS
INLETS (TOPOGRAPHY)

BBGKY HIERARCHY

GS CLASSIFICATIONS
HIERARCHIES
BBGKY HIERARCHY
RT BOGOLIUBOV THEORY
BOLTZMANN TRANSPORT EQUATION
EQUATIONS OF STATE
FOURIER TRANSFORMATION
KINETIC EQUATIONS
PLASMA PHYSICS

BCAS

USE BEACON COLLISION AVOIDANCE
SYSTEM

BCC LATTICES

USE BODY CENTERED CUBIC LATTICES

BCH CODES

UF BOSE-CHAUDHURI-HOCQUENGHEM
CODES
RT BINARY CODES
∞ CODES
CODING
COMPUTER PROGRAMMING
DECODERS
DECODING
DIGITAL TECHNIQUES
ERROR CORRECTING DEVICES
INFORMATION THEORY
PARITY
RANDOM ERRORS

BCS THEORY

UF BARDEEN-COOPER-SCHRIEFFER THEORY
RT MANY BODY PROBLEM
SUPERCONDUCTIVITY
∞ THEORIES
THERMODYNAMIC COUPLING

BE A

USE BEACON EXPLORER A

BE B

USE EXPLORER 22 SATELLITE

BE C

USE EXPLORER 27 SATELLITE

BE-3 ENGINE

GS ENGINES
ROCKET ENGINES
RETROCKET ENGINES
BE-3 ENGINE
RT ATHENA ROCKET VEHICLE
RANGER LUNAR LANDING VEHICLES
SOLID PROPELLANT ROCKET ENGINES

BEACHES

UF ADVANCING SHORELINES
BACKSHORES
INSHORE ZONES
RT BARS (LANDFORMS)
COASTAL CURRENTS
COASTAL PLAINS
COASTS
CUSPS (LANDFORMS)
DUNES

BEACHES-(CONT)

LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
SHOALS
SHORELINES
TOPOGRAPHY
WATERFOWL

BEACON COLLISION AVOIDANCE SYSTEM

UF BCAS
GS AVOIDANCE
COLLISION AVOIDANCE
BEACON COLLISION AVOIDANCE
SYSTEM

RT AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
MIDAIR COLLISIONS
RADIO BEACONS
∞ SYSTEMS
TRANSPONDERS

BEACON EXPLORER A

UF BE A
S-66 SATELLITE
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
SPACE ERECTABLE STRUCTURES
BEACON EXPLORER A
UNMANNED SPACECRAFT
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
RT DELTA LAUNCH VEHICLE

BEACON EXPLORER B

USE EXPLORER 22 SATELLITE

BEACON EXPLORER C

USE EXPLORER 27 SATELLITE

BEACON SATELLITES

UF POLAR IONOSPHERE BEACON
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
EXPLORER 22 SATELLITE
UNMANNED SPACECRAFT
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
RT LOCATES SYSTEM

BEACONS

GS NAVIGATION AIDS
BEACONS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADAR BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIO DIRECTION FINDERS
RT AIRCRAFT LIGHTS
BUOYS
COMPASSES
HOMING
HOMING DEVICES
INSTRUMENT FLIGHT RULES
∞ MARKERS

BEACONS-(CONT)

POSITION INDICATORS
PROJECTORS
SEARCHLIGHTS
∞ SIGNALS
SOLAR COMPASSES
VISUAL SIGNALS

BEADS

RT SPOT WELDS
WELDED JOINTS
WELDING

BEAGLE AIRCRAFT

RT ∞ AIRCRAFT

BEAM CURRENTS

GS ELECTRIC CURRENT
BEAM CURRENTS
RT BACKWARD WAVE TUBES
BRILLOUIN FLOW
∞ CURRENTS
PLASMA CURRENTS

BEAM INJECTION

RT ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS
PLASMA HEATING
PLASMA-PARTICLE INTERACTIONS
TOKAMAK DEVICES
TOROIDAL PLASMAS

BEAM INTERACTIONS

RT BEAMS (RADIATION)
COLLISION PARAMETERS
HIGH ENERGY INTERACTIONS
∞ INTERACTIONS

BEAM LEADS

GS JOINTS (JUNCTIONS)
BEAM LEADS
WIRING
BEAM LEADS
RT BONDING
ELECTRIC CONNECTORS
∞ JOINING
MICROELECTRONICS
MICROMODULES
SOLDERED JOINTS

BEAM NEUTRALIZATION

RT BEAMS (RADIATION)
ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS

BEAM PLASMA AMPLIFIERS

GS AMPLIFIERS
BEAM PLASMA AMPLIFIERS
RT ELECTRON BEAMS
MILLIMETER WAVES
PLASMA-PARTICLE INTERACTIONS
PLASMAS (PHYSICS)
RELATIVISTIC ELECTRON BEAMS

BEAM RIDER GUIDANCE

GS GUIDANCE (MOTION)
BEAM RIDER GUIDANCE
RT MISSILE CONTROL
MISSILE SYSTEMS

BEAM SPLITTERS

RT BEAMS (RADIATION)
PARTICLE ACCELERATORS
PARTICLE BEAMS
SCATTER PLATES (OPTICS)

BEAM SWITCHING

GS SWITCHING
BEAM SWITCHING
RT BEAMS (RADIATION)
ELECTRON OPTICS
ION ENGINES
LASERS
MAGNETIC SWITCHING
PACKET SWITCHING

BEAM WAVEGUIDES

GS TRANSMISSION LINES
COMMUNICATION CABLES
WAVEGUIDES
BEAM WAVEGUIDES
RT COLLIMATORS

BEAMS

BEAM WAVEGUIDES-(CONT)

PHOTON BEAMS
PLASMA GUIDES
RECTANGULAR WAVEGUIDES
WAVE PROPAGATION
YOKES

BEAMS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BEAMS (RADIATION)
BEAMS (SUPPORTS)

BEAMS (RADIATION)

GS **BEAMS (RADIATION)**
GAMMA RAY BEAMS
MICROBEAMS
PARTICLE BEAMS
ATOMIC BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS
MOLECULAR BEAMS
NEUTRON BEAMS
NEUTRINO BEAMS
PION BEAMS
PROTON BEAMS
PHONON BEAMS
PHOTON BEAMS
LIGHT BEAMS
RADAR BEAMS
RT BEAM INTERACTIONS
BEAM NEUTRALIZATION
BEAM SPLITTERS
BEAM SWITCHING
BEAMS
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET RADIATION
INFRARED RADIATION
IONIZING RADIATION
IRRADIATION
LIGHT (VISIBLE RADIATION)
LONGITUDINAL WAVES
MONOCHROMATIC RADIATION
MULTIBEAM ANTENNAS
PLANE WAVES
RADIATION
RAYS
SUBMILLIMETER WAVES
ULTRAVIOLET RADIATION

BEAMS (SUPPORTS)

UF STRUCTURAL BEAMS
GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
BOX BEAMS
CANTILEVER BEAMS
CURVED BEAMS
I BEAMS
RECTANGULAR BEAMS
TIMOSHENKO BEAMS

RT BEAMS
COLUMNS (SUPPORTS)
GIRDERS
HEADERS
T SHAPE
TRUSSES

BEAMSHAPING

USE COLLIMATION

BEARING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BEARING (DIRECTION)
BEARINGS
INTERNAL COMBUSTION ENGINES

BEARING (DIRECTION)

RT ALIGNMENT
AZIMUTH
BEARING
DIRECTION
DIRECTION FINDING
EXPOSURE
FIELD OF VIEW
INSTRUMENT ORIENTATION
ORIENTATION

BEARING (DIRECTION)-(CONT)

POSITION (LOCATION)
SOUND LOCALIZATION
SPACE ORIENTATION

BEARING ALLOYS

GS ALLOYS
BEARING ALLOYS
RT ALUMINUM ALLOYS
BABBITT METAL
BEARINGS
CADMIUM ALLOYS
COPPER ALLOYS
IRON ALLOYS
LEAD ALLOYS
METAL POWDER
SILVER ALLOYS
TIN ALLOYS
ZINC ALLOYS

BEARINGLESS ROTORS

GS AIRFOILS
WINGS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
RT HINGES
RIGID ROTORS

BEARINGS

GS **BEARINGS**
ANTIFRICTION BEARINGS
BALL BEARINGS
ROLLER BEARINGS
FOIL BEARINGS
GAS BEARINGS
JOURNAL BEARINGS
LIQUID BEARINGS
MAGNETIC BEARINGS
NEEDLE BEARINGS
THRUST BEARINGS
RT BEARING
BEARING ALLOYS
BOUNDARY LUBRICATION
BUSHINGS
GIMBALS
IDLERS
INTERNAL COMBUSTION ENGINES
LUBRICATION
PACKINGS (SEALS)
PIVOTS
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SUSPENSION SYSTEMS (VEHICLES)
SWIVELS
WHEELS

BEARS

GS ANIMALS
VERTEBRATES
MAMMALS
BEARS

BEAT

USE SYNCHRONISM

BEAT FREQUENCIES

GS FREQUENCIES
BEAT FREQUENCIES
RT GROUP VELOCITY
INTERMEDIATE FREQUENCY AMPLIFIERS
MOIRE EFFECTS
RESONANT FREQUENCIES
STANDING WAVES
SUPERHETERODYNE RECEIVERS

BEAUFORT SEA (NORTH AMERICA)

GS SEAS
BEAUFORT SEA (NORTH AMERICA)
RT ALASKA
ARCTIC OCEAN
CANADA

BED REST

GS REST
BED REST
RT CALCIUM METABOLISM
CLINICAL MEDICINE
ORTHOSTATIC TOLERANCE

NASA THESAURUS (VOLUME 1)

BEDDING EQUIPMENT

RT BLANKETS
EQUIPMENT

BEDIASITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TEKTITES
BEDIASITES
RT AUSTRALITES

BEDROCK

UF SHIELDS (GEOLOGY)
GS ROCKS
BEDROCK
BAL TIC SHIELD (EUROPE)
RT EARTH RESOURCES
GEOLOGY
REGOLITH
SHELVES
SOILS
STRATA
STRATIFICATION
STRATIGRAPHY
TUNNELING (EXCAVATION)

BEDS

RT BEDS (PROCESS ENGINEERING)
COUCHES

BEDS (GEOLOGY)

UF LAKE BEDS
GS LANDFORMS
BEDS (GEOLOGY)
SALT BEDS
RT GEOLOGY
OCEAN BOTTOM
STRATA
STRATIGRAPHY

BEDS (PROCESS ENGINEERING)

RT BEDS
CHEMICAL REACTORS
EXTRACTION
FILTRATION
FLUIDIZED BED PROCESSORS
ION EXCHANGING
PERCOLATION

BEECH AIRCRAFT

USE BEECHCRAFT AIRCRAFT

BEECH C-33 AIRCRAFT

USE C-33 AIRCRAFT

BEECH S-35 AIRCRAFT

USE C-35 AIRCRAFT

BEECH 99 AIRCRAFT

GS BEECHCRAFT AIRCRAFT
BEECH 99 AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
LIGHT AIRCRAFT
BEECH 99 AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
RT AIRCRAFT
LOW WING AIRCRAFT

BEECHCRAFT AIRCRAFT

UF BEECH AIRCRAFT
GS **BEECHCRAFT AIRCRAFT**
BEECH 99 AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
RT AIRCRAFT

BEECHCRAFT 18 AIRCRAFT

GS BEECHCRAFT AIRCRAFT
BEECH 99 AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
GENERAL AVIATION AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
LIGHT AIRCRAFT
BEECH 99 AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
MONOPLANES
BEECHCRAFT 18 AIRCRAFT
RT AIRCRAFT

BEER LAW

RT ABSORPTIVITY
BOUGUER LAW
ELECTROMAGNETIC ABSORPTION
MOLECULAR ABSORPTION

BEEES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
BEEES
RT SWARMING

BEETLES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
CRICKETS
BEETLES
TRIBOLIA
RT INFESTATION

BEHAVIOR

GS BEHAVIOR
DECONDITIONING
HUMAN BEHAVIOR
RT CONDITIONING (LEARNING)
DIAGNOSIS
EDUCATION
EXTROVERSION
LEARNING
MIGRATION
SKINNER BOXES

BELFAST AIRCRAFT

USE SC-5 AIRCRAFT

BELGIAN CONGO

USE ZAIRE

BELGIUM

GS NATIONS
BELGIUM
RT EUROPE

BELIZE

UF BRITISH HONDURAS
GS NATIONS
BELIZE
RT CARIBBEAN REGION
CARIBBEAN SEA
CENTRAL AMERICA

BELL AIRCRAFT

GS BELL AIRCRAFT
AH-63 HELICOPTER
BELL 214A HELICOPTER
OH-4 HELICOPTER
OH-13 HELICOPTER
UH-1 HELICOPTER
X-1 AIRCRAFT
X-2 AIRCRAFT
X-5 AIRCRAFT
X-14 AIRCRAFT
X-22 AIRCRAFT
XV-3 AIRCRAFT
XV-15 AIRCRAFT
RT ∞ AIRCRAFT

BELL 214A HELICOPTER

GS BELL AIRCRAFT
BELL 214A HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
BELL 214A HELICOPTER
RT ∞ AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

BELLMAN THEORY

RT DYNAMIC PROGRAMMING
OPTIMIZATION
∞ THEORIES

BELLOWS

SN (EXPANDABLE JOINTS--FOR DEVICES TO
MOVE GASES, USE BLOWERS)
GS EXPANDABLE STRUCTURES
BELLOWS
RT EXPULSION BLADDERS
JOINTS (JUNCTIONS)
PUMPS

BELLS

RT AUDITORY SIGNALS
PRESSURE VESSELS
PSYCHOACOUSTICS
∞ SIGNALS
SOUND GENERATORS
WARNING
WARNING SYSTEMS

BELTRAMI FLOW

GS FLUID FLOW
BELTRAMI FLOW
RT INCOMPRESSIBLE FLOW
STEADY FLOW
VORTICITY

∞ BELTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ASTEROID BELTS
CABLES (ROPE)
FASTENERS
GIRDLES
PROTON BELTS
PULLEYS
RADIATION BELTS
REGIONS
ROUSE BELTS
SEAT BELTS
TERRESTRIAL DUST BELT

BENARD CELLS

GS CONVECTION
BENARD CELLS
FLUID FLOW
CONVECTIVE FLOW
RAYLEIGH BENARD CONVECTION
BENARD CELLS
RT CONVECTION CURRENTS
RAYLEIGH NUMBER
SOLAR GRANULATION

BENCHES

USE SEATS

BEND TESTS

RT BENDING
CRACK PROPAGATION
DESTRUCTIVE TESTS
FRACTURE MECHANICS
FRACTURE STRENGTH
∞ MATERIALS TESTS
∞ TESTS

BENDING

GS BENDING
ELASTIC BENDING
RT BEND TESTS
∞ BOWS
BUCKLING
CAMBER
DEFLECTION
DEFORMATION
DISPLACEMENT
DISTORTION
ELASTIC DEFORMATION
FATIGUE TESTS
FIBER STRENGTH
FLEXIBILITY
FLEXING
FLUTTER
FOLDING
HEAVING
MODULUS OF ELASTICITY
PLASTIC DEFORMATION
STIFFNESS
STRUCTURAL FAILURE
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TWISTING
WARPAGE

BENDING DIAGRAMS

GS DIAGRAMS
BENDING DIAGRAMS
RT DEFLECTION

BENDING FATIGUE

GS FATIGUE (MATERIALS)
BENDING FATIGUE
RT METAL FATIGUE
S-N DIAGRAMS

BENDING MOMENTS

GS MOMENTS
BENDING MOMENTS
RT LOADING MOMENTS
NASTRAN
STATIC LOADS
STRESS ANALYSIS
STRUCTURAL DESIGN CRITERIA
TORQUE

BENDING THEORY

RT STRESS ANALYSIS
STRESS INTENSITY FACTORS
∞ THEORIES

BENDING VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
BENDING VIBRATION
RT BREATHING VIBRATION
FLUTTER
MISSILE VIBRATION
PANEL FLUTTER
RANDOM VIBRATION
SELF INDUCED VIBRATION

BENDS (PHYSIOLOGY)

USE DECOMPRESSION SICKNESS

BENEFICIATION

RT ∞ ABSORPTION
ADSORPTION
AERATION
CLEAN FUELS
COMMUNION
CONCENTRATING
∞ CONDITIONING
ENRICHMENT
EXPLOITATION
EXTRACTION
FILTRATION
FLOTATION
FOAMING
ISOTOPIC ENRICHMENT
LEACHING
∞ METALLURGY
MINERALS
PURIFICATION
REFINING
∞ SEPARATION
SETTLING
SIZE SEPARATION
SUBLIMATION
UPGRADING
WASHING
WASTES

BENIN

UF DAHOMEY
GS NATIONS
BENIN
RT AFRICA

BENTONITE

RT MONTMORILLONITE
SOILS
WATER TREATMENT

BENZENE

GS HYDROCARBONS
BENZENE
RT CHLOROBENZENES
CYCLOHEXANE
SOLVENT REFINED COAL

BENZENE POISONING

RT HYDROCARBON POISONING
INDUSTRIAL SAFETY
∞ POISONING
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

BENZILIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
BENZILIC ACID

BENZOIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
BENZOIC ACID

BERENICE ROCKET VEHICLE

BERENICE ROCKET VEHICLE
 GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
BERENICE ROCKET VEHICLE
 RT HYPERSONIC REENTRY
 SOLID PROPELLANT ROCKET ENGINES

BERGMAN OPERATOR
 GS OPERATORS (MATHEMATICS)
BERGMAN OPERATOR

BERING SEA
 GS SEAS
BERING SEA
 RT PACIFIC OCEAN

BERKELIUM
 GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
BERKELIUM
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
BERKELIUM
 HEAVY ELEMENTS
 TRANSURANIUM ELEMENTS
BERKELIUM
 METALS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
BERKELIUM

BERMUDA
 GS LANDFORMS
 ISLANDS
BERMUDA
 RT ATLANTIC OCEAN

BERNOULLI EQUATION
 USE BERNOULLI THEOREM

BERNOULLI THEOREM
 UF BERNOULLI EQUATION
 GS THEOREMS
BERNOULLI THEOREM
 RT ∞ EQUATIONS
 FLUID FLOW
 ISENTROPIC PROCESSES
 LINEARIZATION
 MAGNUS EFFECT
 PANEL METHOD (FLUID DYNAMICS)

BERNSTEIN ENERGY PRINCIPLE
 GS STRUCTURAL ANALYSIS
 ENERGY METHODS
BERNSTEIN ENERGY PRINCIPLE
 RT ∞ ENERGY
 MAGNETIC FIELDS

BERYL
 UF EMERALD
 GS ALUMINUM COMPOUNDS
BERYL
 BERYLLIUM COMPOUNDS
BERYL
 MINERALS
BERYL
 SILICON COMPOUNDS
 SILICATES
BERYL
 RT BERYLLIUM

BERYLLIUM
 GS CHEMICAL ELEMENTS
BERYLLIUM
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 METALS
BERYLLIUM
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 RT BERYL
 MODERATORS

BERYLLIUM ALLOYS
 GS ALLOYS
 LIGHT ALLOYS
BERYLLIUM ALLOYS

BERYLLIUM BOROHYDRIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM BOROHYDRIDES
 BORON COMPOUNDS
 BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
 BORON HYDRIDES
BERYLLIUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 HYDRIDES
 BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
 BORON HYDRIDES
BERYLLIUM BOROHYDRIDES

BERYLLIUM CHLORIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
BERYLLIUM CHLORIDES
 HALIDES
 CHLORIDES
BERYLLIUM CHLORIDES
 METAL HALIDES
BERYLLIUM CHLORIDES

BERYLLIUM COMPOUNDS
 GS **BERYLLIUM COMPOUNDS**
 BERYL
 BERYLLIUM BOROHYDRIDES
 BERYLLIUM CHLORIDES
 BERYLLIUM FLUORIDES
 BERYLLIUM HYDRIDES
 BERYLLIUM NITRIDES
 BERYLLIUM OXIDES
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
 METAL FUELS
 METAL PROPELLANTS

BERYLLIUM FLUORIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM FLUORIDES
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
BERYLLIUM FLUORIDES
 HALIDES
 METAL HALIDES
BERYLLIUM FLUORIDES

BERYLLIUM HYDRIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM HYDRIDES
 HYDROGEN COMPOUNDS
 HYDRIDES
 METAL HYDRIDES
BERYLLIUM HYDRIDES

BERYLLIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 BERYLLIUM
BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 NUCLIDES
 ISOTOPES
BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 METALS
 BERYLLIUM
BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10

BERYLLIUM NITRIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM NITRIDES
 NITROGEN COMPOUNDS
 NITRIDES
BERYLLIUM NITRIDES
 RT METAL NITRIDES

BERYLLIUM OXIDES
 GS BERYLLIUM COMPOUNDS
BERYLLIUM OXIDES
 CHALCOGENIDES

NASA THESAURUS (VOLUME 1)

BERYLLIUM OXIDES-(CONT)
 OXIDES
 METAL OXIDES
 ALKALINE EARTH OXIDES
BERYLLIUM OXIDES

BERYLLIUM POISONING
 RT INDUSTRIAL SAFETY
 ∞ POISONING
 RESPIRATORY DISEASES
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

BERYLLIUM 7
 GS CHEMICAL ELEMENTS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 7
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
BERYLLIUM 7
 RADIOACTIVE ISOTOPES
BERYLLIUM 7
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 7

BERYLLIUM 9
 GS CHEMICAL ELEMENTS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 9
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
BERYLLIUM 9
 RADIOACTIVE ISOTOPES
BERYLLIUM 9
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 9

BERYLLIUM 10
 GS CHEMICAL ELEMENTS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 10
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
BERYLLIUM 10
 RADIOACTIVE ISOTOPES
BERYLLIUM 10
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
BERYLLIUM 10

BESS (SATELLITE)
 UF BIOMEDICAL EXPERIMENT SCIENTIFIC
 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
BESS (SATELLITE)
 RT MULTIMISSIION MODULAR SPACECRAFT
 SPACE SHUTTLES

BESSEL FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 REAL VARIABLES
BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 HYPERGEOMETRIC FUNCTIONS
 ORTHOGONAL FUNCTIONS
 POWER SERIES

BESSEL-BREDICHIN THEORY
 RT COMETS
 KOHOOTEK COMET
 RADIATION PRESSURE
 ∞ THEORIES

BETA FACTOR
 RT DENSE PLASMAS
 FLUID PRESSURE
 FUSION REACTORS
 MAGNETIC FIELDS

BETA FACTOR-(CONT)

MAGNETIC FLUX
MAGNETOHYDRODYNAMIC STABILITY
PLASMA CONTROL
PLASMA EQUILIBRIUM
PLASMA HEATING
PLASMA PHYSICS
PRESSURE EFFECTS
REACTOR PHYSICS
TOKAMAK DEVICES
TOROIDAL PLASMAS

BETA INTERACTIONS

USE WEAK INTERACTIONS (FIELD THEORY)

BETA PARTICLES

GS IONIZING RADIATION
BETA PARTICLES
NUCLEAR RADIATION
BETA PARTICLES
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
BETA PARTICLES
CORPUSCULAR RADIATION
ELECTRON RADIATION
BETA PARTICLES
ELEMENTARY PARTICLES
BETA PARTICLES
NUCLEAR PARTICLES
BETA PARTICLES
RT ELECTRON BEAMS
ELECTRONS
FLUX (RATE)
HOT ATOMS
N ELECTRONS
RELATIVISTIC ELECTRON BEAMS
WEAK ENERGY INTERACTIONS

BETAINES

GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
BETAINES
NITROGEN COMPOUNDS
ALKALOIDS
BETAINES

BETATRONS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
BETATRONS
ELECTRON ACCELERATORS
BETATRONS
RT MICROTRONS
SYNCHROTRONS

BETHE-HEITLER FORMULA

GS MATHEMATICAL LOGIC
FORMULAS (MATHEMATICS)
BETHE-HEITLER FORMULA

BETHE-SALPETER EQUATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
BETHE-SALPETER EQUATION
RT DIFFERENTIAL EQUATIONS
∞ EQUATIONS
EQUATIONS OF MOTION
KINETIC EQUATIONS

BEVATRON

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
SYNCHROTRONS
BEVATRON
RT SYNCHROCYCLOTRONS

BEVERAGES

GS LIQUIDS
POTABLE LIQUIDS
BEVERAGES
WINES
RT COFFEE
DRINKING
∞ FOOD
MILK

BHUTAN

RT HIMALAYAS
INDIA
SIKKIM
TIBET

BIAS

GS BIAS
RESPONSE BIAS
RT COMPENSATORS
DISPLACEMENT
ELECTRIC POTENTIAL
ERRORS
INSTRUMENT ERRORS
OPEN CIRCUIT VOLTAGE
TUBE GRIDS

BIBLIOGRAPHIES

GS DOCUMENTS
BIBLIOGRAPHIES
RT ABSTRACTS
BIOGRAPHY
DOCUMENTATION
HANDBOOKS
INDEXES (DOCUMENTATION)
INFORMATION DISSEMINATION
INFORMATION RETRIEVAL
LIBRARIES
LITERATURE
∞ REFERENCE SYSTEMS
SPACE GLOSSARIES
SUMMARIES

BICARBONATES

USE CARBONATES

BICRYSTALS

GS CRYSTALS
BICRYSTALS
RT POLYCRYSTALS
SINGLE CRYSTALS

∞ BICYCLE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT LANDING GEAR
SURFACE VEHICLES

BIFURCATION (BIOLOGY)

RT ANATOMY
ARTERIES
∞ BIOLOGY
BLOOD VESSELS
BRANCHING (PHYSICS)
VEINS

BIFURCATION (MATHEMATICS)

USE BRANCHING (MATHEMATICS)

BIG BANG COSMOLOGY

GS COSMOLOGY
BIG BANG COSMOLOGY
RT ASTRONOMICAL MODELS
BACKGROUND RADIATION
COSMIC RAYS
GALACTIC EVOLUTION
GAMMA RAY BURSTS
GRAVITATIONAL CONSTANT
RELATIVITY
RELIC RADIATION
UNIVERSE

BIG SHOT PROJECT

GS PROGRAMS
PROJECTS
BIG SHOT PROJECT

BIGHORN MOUNTAINS (MT-WY)

GS LANDFORMS
MOUNTAINS
BIGHORN MOUNTAINS (MT-WY)
RT MONTANA
WYOMING

BIGHTS

USE BAYS (TOPOGRAPHIC FEATURES)

BIHARMONIC EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
BIHARMONIC EQUATIONS
RT ELASTIC PROPERTIES
∞ EQUATIONS

BILLETS

RT CASTING
CASTINGS

BILLETS-(CONT)

FORGING
INGOTS
METAL PLATES
METAL STRIPS
RODS
SLABS
WIRE

BIMETALS

RT ALLOYS
COMPOSITE MATERIALS
METAL BONDING
METALS

BIMETRIC THEORIES

RT GRAVITATION THEORY
METRIC SPACE
SCHWARZSCHILD METRIC
∞ THEORIES

BINARY ALLOYS

GS ALLOYS
BINARY ALLOYS
BINARY SYSTEMS (MATERIALS)
BINARY ALLOYS

BINARY CODES

RT BCH CODES
BIT ERROR RATE
∞ CODES
CONCATENATED CODES
DIGITAL SYSTEMS

BINARY DATA

RT ANALOG DATA
BIT ERROR RATE
BUBBLE MEMORY DEVICES
∞ DATA
DATA PROCESSING
DECIMAL TO BINARY CONVERTERS
DIGITAL DATA

BINARY DIGITS

GS ALPHANUMERIC CHARACTERS
DIGITS
BINARY DIGITS
RT BIT ERROR RATE
BITS
DIGITAL SYSTEMS

BINARY FLUIDS

GS BINARY SYSTEMS (MATERIALS)
BINARY MIXTURES
BINARY FLUIDS
MIXTURES
BINARY MIXTURES
BINARY FLUIDS
RT ∞ FLUIDS
GAS MIXTURES
KINETIC THEORY
LENNARD-JONES GAS
TRANSPORT PROPERTIES

BINARY INTEGRATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
BINARY INTEGRATION
RT ADDING CIRCUITS
DIGITAL INTEGRATORS

BINARY MIXTURES

GS BINARY SYSTEMS (MATERIALS)
BINARY MIXTURES
BINARY FLUIDS
EUTECTICS
EUTECTIC ALLOYS
MIXTURES
BINARY MIXTURES
BINARY FLUIDS
EUTECTICS
EUTECTIC ALLOYS
RT AZEOTROPES
GAS MIXTURES
LIQUID-GAS MIXTURES

BINARY STARS

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS

BINARY SUMMATORS

BINARY STARS-(CONT)

RT DWARF NOVAE
ACCRETION DISKS
LIMB DARKENING
STAR CLUSTERS
STELLAR PARALLAX
TWO BODY PROBLEM
VARIABLE STARS

BINARY SUMMATORS

USE ADDING CIRCUITS

BINARY SYSTEMS (DIGITAL)

USE DIGITAL SYSTEMS

BINARY SYSTEMS (MATERIALS)

UF TWO PHASE SYSTEMS
GS **BINARY SYSTEMS (MATERIALS)**
BINARY ALLOYS
BINARY MIXTURES
BINARY FLUIDS
EUTECTICS
EUTECTIC ALLOYS
RT ALLOYS
∞ MATERIALS
PHASE DIAGRAMS
SOLIDUS
∞ SYSTEMS
TERNARY SYSTEMS

BINARY TO DECIMAL CONVERTERS

GS DATA CONVERTERS
BINARY TO DECIMAL CONVERTERS
RT COMPUTER COMPONENTS
∞ CONVERTERS
DATA PROCESSING
DECIMAL TO BINARY CONVERTERS

BINAURAL HEARING

GS HEARING
BINAURAL HEARING
PERCEPTION
BINAURAL HEARING
RT AUDITORY PERCEPTION
SOUND LOCALIZATION
WEBER TEST

BINDERS (ADHESIVES)

USE ADHESIVES

BINDERS (MATERIALS)

GS **BINDERS (MATERIALS)**
PROPELLANT BINDERS
SOLID ROCKET BINDERS
RT ADDITIVES
ADHESIVES
CEMENTS
∞ MATERIALS
MOLDING MATERIALS
SIZING MATERIALS
SOLID LUBRICANTS

BINDING

RT BONDING
COLLATING
FOLDING
∞ JOINING
PRINTING
SEALING
SEWING

BINOCULAR VISION

GS VISION
BINOCULAR VISION
RT HAPLOSOPES
MOTION PERCEPTION
SPACE PERCEPTION
STEREOSCOPIC VISION

BINOCULARS

GS OPTICAL EQUIPMENT
BINOCULARS
RT EYEPIECES
MICROSCOPES
PERISCOPES
TELESCOPES

BINOMIAL COEFFICIENTS

GS COEFFICIENTS
BINOMIAL COEFFICIENTS
RT FACTORIALS

BINOMIAL THEOREM

GS ALGEBRA

BINOMIAL THEOREM-(CONT)

BINOMIAL THEOREM
THEOREMS
BINOMIAL THEOREM
RT BINOMIALS
PROBABILITY DENSITY FUNCTIONS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

BINOMIALS

GS ALGEBRA
POLYNOMIALS
BINOMIALS
RT BINOMIAL THEOREM

BIOACOUSTICS

GS ACOUSTICS
BIOACOUSTICS
RT ACOUSTIC ATTENUATION
AUDITORY DEFECTS
AUDITORY SENSATION AREAS
BIOENGINEERING
∞ BIOLOGY
PSYCHOACOUSTICS
∞ SCIENCE
SOUND INTENSITY

BIOASSAY

UF BIOLOGICAL ANALYSIS
RT BIOCHEMISTRY
BIOLOGICAL EFFECTS
∞ BIOLOGY
HISTOCHEMICAL ANALYSIS

BIOASTRONAUTICAL ORBITAL SPACE SYSTEM

GS PROGRAMS
NASA PROGRAMS
BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
RT ∞ SYSTEMS

BIOASTRONAUTICS

SN (BIOLOGICAL, BEHAVIORAL AND MEDICAL ASPECTS EXPECTED TO BE FOUND IN SPACE VEHICLES DESIGNED TO TRAVEL IN SPACE AND ON CELESTIAL BODIES OTHER THAN ON EARTH)
RT AEROSPACE ENVIRONMENTS
AEROSPACE MEDICINE
∞ ASTRONAUTICS
BIOENGINEERING
∞ BIOLOGY
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
CLOSED ECOLOGICAL SYSTEMS
EARTH ATMOSPHERE
EXOBIOLGY
LUNAR ENVIRONMENT
PLANETARY ENVIRONMENTS
∞ SCIENCE
SPACE ADAPTATION SYNDROME
SPACE EXPLORATION
SPACE FLIGHT
SPACE STATIONS
SPACECRAFT ENVIRONMENTS

BIOCHEMICAL FUEL CELLS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
FUEL CELLS
BIOCHEMICAL FUEL CELLS
ELECTROCHEMICAL CELLS
FUEL CELLS
BIOCHEMICAL FUEL CELLS
RT ∞ BIOLOGY
PHOSPHORIC ACID FUEL CELLS
REGENERATIVE FUEL CELLS

BIOCHEMICAL OXYGEN DEMAND

UF BOD
RT ALGAE
∞ BIOLOGY
ECOLOGY
OXIMETRY
OXYGEN CONSUMPTION
PLANTS (BOTANY)
POLLUTION CONTROL
WATER POLLUTION
WATER TREATMENT

BIOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY

BIOCHEMISTRY-(CONT)

BIOCHEMISTRY
BIOGEOCHEMISTRY
ENZYMOLGY
PHYSIOCHEMISTRY
RT BIOASSAY
BIODEGRADATION
BIOENGINEERING
∞ BIOLOGY
CHEMICAL WARFARE
∞ CHEMISTRY
CYTOLOGY
GENETIC ENGINEERING
HISTOCHEMICAL ANALYSIS
IMMUNOASSAY
INTERFERON
MARINE CHEMISTRY
METABOLITES
MOLECULAR BIOLOGY
MUTAGENS
NITROGEN METABOLISM
NUTRITION
OPTICAL ACTIVITY
ORGANIC CHEMISTRY
RADIOIMMUNOASSAY
VEGETATION GROWTH

BIOCLIMATOLOGY

USE BIOMETEOROLOGY

BIOCOMPATIBILITY

GS COMPATIBILITY
BIOCOMPATIBILITY
RT ANTIBODIES
ANTIGENS
∞ BIOLOGY
BLOOD
IMMUNOLOGY
LEUKOCYTES
PHYSIOLOGICAL DEFENSES
VACCINES

BIOCONTROL SYSTEMS

RT BIOFEEDBACK
∞ BIOLOGY
BIONICS
PSYCHOMOTOR PERFORMANCE
∞ SYSTEMS
TOLERANCES (PHYSIOLOGY)

BIOCONVERSION

RT ALGAE
∞ BIOLOGY
BIOMASS ENERGY PRODUCTION
BIOPROCESSING
∞ CONVERSION
ENZYME ACTIVITY
FERMENTATION
FUELS
HYDROCARBON FUEL PRODUCTION
METHANE
SOLAR HEATING
VEGETATION

BIODEGRADABILITY

GS DISSOCIATION
BIODEGRADABILITY
RT ∞ BIOLOGY
DECAY
DECOMPOSITION
DETERIORATION
ORGANIC MATERIALS
∞ PROPERTIES

BIODEGRADATION

GS DEGRADATION
BIODEGRADATION
RT ACTIVATED SLUDGE
BIOCHEMISTRY
∞ BIOLOGY
DECAY
DECOMPOSITION
DETERIORATION

BIODYNAMICS

UF BIOMECHANICS
RT ANATOMY
BIOENGINEERING
BIOLOGICAL MODELS (MATHEMATICS)
∞ BIOLOGY
BIOPHYSICS
∞ DYNAMICS
∞ SCIENCE
STRESS (PHYSIOLOGY)

BIOELECTRIC POTENTIAL

- GS POTENTIAL ENERGY
ELECTRIC POTENTIAL
BIOELECTRIC POTENTIAL
RT BIOELECTRICITY
∞ BIOLOGY

BIOELECTRICITY

- UF NEURON TRANSMISSION
RT BIOELECTRIC POTENTIAL
∞ BIOLOGY
BIOMAGNETISM
NEUROMUSCULAR TRANSMISSION
SPIKE POTENTIALS

BIOENGINEERING

- GS **BIOENGINEERING**
BIOINSTRUMENTATION
BIOTELEMETRY
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)
ANTHROPOMETRY
ELECTROPLETHYSMOGRAPHY
CARDIOGRAPHY
BALLISTOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
MAGNETOCARDIOGRAPHY
PHONOCARDIOGRAPHY
ECHOCARDIOGRAPHY
SEISMOCARDIOGRAPHY
VECTORCARDIOGRAPHY
ECHOENCEPHALOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROMYOGRAPHY
ELECTRORETINOGRAPHY
PLETHYSMOGRAPHY
ELECTROPLETHYSMOGRAPHY
RADIOCARDIOGRAPHY
RT BIOACOUSTICS
BIOASTRONAUTICS
BIOCHEMISTRY
BIODYNAMICS
∞ BIOLOGY
BIONICS
BIOPAKS
BIOPHYSICS
BONE MINERAL CONTENT
∞ ENGINEERING
GENETIC ENGINEERING
HUMAN FACTORS ENGINEERING
UNDERWATER BREATHING APPARATUS
VOICE CONTROL

BIOFEEDBACK

- GS FEEDBACK
BIOFEEDBACK
SENSORY FEEDBACK
RT AEROSPACE MEDICINE
BIOCONTROL SYSTEMS
BLOOD PRESSURE
CONDITIONING (LEARNING)
FEEDBACK CONTROL
HEART RATE
HUMAN FACTORS ENGINEERING
PSYCHOLOGY
SENSORY FEEDBACK

BIOFLAVONOIDS

- UF VITAMIN P
GS HETEROCYCLIC COMPOUNDS
BIOFLAVONOIDS
VITAMINS
BIOFLAVONOIDS
RT DRUGS

BIOGENESIS

- USE BIOLOGICAL EVOLUTION

BIOGENY

- RT ∞ BIOLOGY
∞ EVOLUTION
ONTOGENY

BIOGEOCHEMISTRY

- GS ENVIRONMENTAL CHEMISTRY
BIOCHEMISTRY
BIOGEOCHEMISTRY
GEOCHEMISTRY
BIOGEOCHEMISTRY
RT ∞ BIOLOGY
BOTANY
∞ CHEMISTRY
INTERNATIONAL
GEOSPHERE BIOSPHERE PROGRAM
MINERALS

BIOGEOCHEMISTRY-(CONT)

PLANTS (BOTANY)

BIOGRAPHY

- GS LITERATURE
BIOGRAPHY
RT AWARDS
BIBLIOGRAPHIES
CASE HISTORIES
DOCUMENTATION

BIOINSTRUMENTATION

- UF BIOSENSORS
GS BIOENGINEERING
BIOINSTRUMENTATION
BIOTELEMETRY
RT ∞ BIOLOGY
BIOMETRICS
BIONICS
ECHOENCEPHALOGRAPHY
∞ ENGINEERING
IMBLMS
∞ INSTRUMENTS
MAGNETOCARDIOGRAPHY
MEASURING INSTRUMENTS
RESPIROMETERS
∞ SENSORS
SPHYGMOGRAPHY
WILDLIFE RADIOLOCATION

BIOLOGICAL ACTIVITY

- USE ACTIVITY (BIOLOGY)

BIOLOGICAL ANALYSIS

- USE BIOASSAY

BIOLOGICAL CELLS

- USE CELLS (BIOLOGY)

BIOLOGICAL CLOCKS

- USE RHYTHM (BIOLOGY)

BIOLOGICAL EFFECTS

- GS **BIOLOGICAL EFFECTS**
DESYNCHRONIZATION (BIOLOGY)
JET LAG
RELATIVE BIOLOGICAL
EFFECTIVENESS (RBE)
RT ACTIVITY (BIOLOGY)
ATROPHY
BIOASSAY
∞ BIOLOGY
BIOMEDICAL DATA
BONE DEMINERALIZATION
BRAGG CURVE
CHEMICAL EFFECTS
DISORIENTATION
DOSAGE
∞ EFFECTS
FLIGHT STRESS (BIOLOGY)
HUMAN REACTIONS
ORBITING FROG OTOLITH
PATHOLOGICAL EFFECTS
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
RADIATION DOSAGE
RADIATION EFFECTS
SPACE ADAPTATION SYNDROME
TEMPERATURE
THERMAL POLLUTION

BIOLOGICAL EVOLUTION

- UF BIOGENESIS
GS EVOLUTION (DEVELOPMENT)
BIOLOGICAL EVOLUTION
ABIOTIC EVOLUTION
RT ∞ BIOLOGY
CHEMICAL EVOLUTION
GENETICS
LIFE SCIENCES
MUTAGENS
MUTATIONS
PANSPERMIA
PROTEIN SYNTHESIS

BIOLOGICAL MODELS

- USE BIONICS

BIOLOGICAL MODELS (MATHEMATICS)

- GS MODELS
MATHEMATICAL MODELS
BIOLOGICAL MODELS
(MATHEMATICS)
RT BIODYNAMICS

BIOLOGICAL MODELS (MATHEMATICS)-(CONT)

- ∞ BIOLOGY
BIONICS
DIGITAL SIMULATION
DYNAMIC MODELS

BIOLOGICAL RHYTHM

- USE RHYTHM (BIOLOGY)

∞ BIOLOGY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT ACTIVATION (BIOLOGY)
ACTIVITY (BIOLOGY)
ACTIVITY CYCLES (BIOLOGY)
AEROBIOLOGY
AEROSPACE MEDICINE
AGING (BIOLOGY)
AGRICULTURE
ANATOMY
ANIMALS
BACTERIOLOGY
BIFURCATION (BIOLOGY)
BIOACOUSTICS
BIOASSAY
BIOASTRONAUTICS
BIOCHEMICAL FUEL CELLS
BIOCHEMICAL OXYGEN DEMAND
BIOCHEMISTRY
BIOCOMPATIBILITY
BIOCONTROL SYSTEMS
BIOCONVERSION
BIODEGRADABILITY
BIODEGRADATION
BIODYNAMICS
BIOELECTRIC POTENTIAL
BIOELECTRICITY
BIOENGINEERING
BIOGENY
BIOGEOCHEMISTRY
BIOINSTRUMENTATION
BIOLOGICAL EFFECTS
BIOLOGICAL EVOLUTION
BIOLOGICAL MODELS (MATHEMATICS)
BIOLUMINESCENCE
BIOMAGNETISM
BIOMASS
BIOMASS ENERGY PRODUCTION
BIOMEDICAL DATA
BIOMETEOROLOGY
BIOMETRICS
BIONICS
BIOPHYSICS
BIOREACTORS
BIOSATELLITES
BIOSPHERE
BIOSYNTHESIS
BIOTECHNOLOGY
BIOTELEMETRY
BODY COMPOSITION (BIOLOGY)
BODY MEASUREMENT (BIOLOGY)
BODY SIZE (BIOLOGY)
BODY VOLUME (BIOLOGY)
BONE DEMINERALIZATION
BONE MINERAL CONTENT
BOTANY
CARBON CYCLE
CELLS (BIOLOGY)
COMPLEMENT (BIOLOGY)
CYTOGENESIS
CYTOLOGY
DIFFERENTIATION (BIOLOGY)
ECOLOGY
EMBRYOLOGY
EVOLUTION (DEVELOPMENT)
EXOBIOLGY
FATIGUE (BIOLOGY)
FLIGHT STRESS (BIOLOGY)
GENETIC ENGINEERING
GENETICS
HABITATS
IMMUNOLOGY
IMPLANTED ELECTRODES (BIOLOGY)
INTERFERON
LIFE SCIENCES
MARINE BIOLOGY
MEDICAL SCIENCE
MICROBIOLOGY
MOLECULAR BIOLOGY
MORPHOLOGY
NITROGEN METABOLISM
PALEOBIOLOGY
PROTOBIOLOGY
RADIOBIOLOGY

BIOLUMINESCENCE

BIOLOGY-(CONT)

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
REPRODUCTION (BIOLOGY)
RHYTHM (BIOLOGY)
∞ SCIENCE
SKIN TEMPERATURE (BIOLOGY)
∞ STRESS (BIOLOGY)
TISSUES (BIOLOGY)
VETERINARY MEDICINE

BIOLUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
BIOLUMINESCENCE
RT ∞ BIOLOGY
PHOSPHORESCENCE

BIOMAGNETISM

GS MAGNETIC FIELDS
BIOMAGNETISM
MAGNETIC PROPERTIES
BIOMAGNETISM
RT BIOELECTRICITY
∞ BIOLOGY
BIOPHYSICS
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC INTERACTIONS
RADIOBIOLOGY

BIOMASS

GS WEIGHT (MASS)
BIOMASS
RT ANIMALS
∞ BIOLOGY
CARBON CYCLE
∞ DENSITY
ORGANISMS
PLANTS (BOTANY)
POPULATIONS
SILVICULTURE
∞ WEIGHT

BIOMASS ENERGY PRODUCTION

GS ENERGY CONVERSION
BIOMASS ENERGY PRODUCTION
RT BIOCONVERSION
∞ BIOLOGY
BIOREACTORS
∞ CROPS
∞ ENERGY SOURCES
ENERGY TECHNOLOGY
HYDROCARBON FUEL PRODUCTION
MANURES
METHANATION
VEGETATION
WASTE UTILIZATION

BIOMECHANICS

USE BIODYNAMICS

BIOMEDICAL DATA

RT AEROSPACE MEDICINE
BIOLOGICAL EFFECTS
∞ BIOLOGY
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)
CARDIOGRAMS
∞ DATA
HEART RATE
IMBLMS

BIOMEDICAL EXPERIMENT SCIENTIFIC SATELLITE

USE BESS (SATELLITE)

BIOMETEOROLOGY

UF BIOCLIMATOLOGY
GS METEOROLOGY
BIOMETEOROLOGY
RT ∞ BIOLOGY
COASTAL ECOLOGY
COASTAL PLAINS
ECOLOGY
MICROCLIMATOLOGY
NIGHTGLOW
PHENOLOGY

BIOMETRICS

GS BIOENGINEERING
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)

BIOMETRICS-(CONT)

ANTHROPOMETRY
ELECTROPLETHYSMOGRAPHY
CARDIOGRAPHY
BALLISTOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
MAGNETOCARDIOGRAPHY
PHONOCARDIOGRAPHY
ECHOCARDIOGRAPHY
SEISMOCARDIOGRAPHY
VECTOCARDIOGRAPHY
ECHOENCEPHALOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROMYOGRAPHY
ELECTRORETINOGRAPHY
PLETHYSMOGRAPHY
ELECTROPLETHYSMOGRAPHY
RADIOCARDIOGRAPHY

RT BIOINSTRUMENTATION
∞ BIOLOGY
BIOMEDICAL DATA
BONE MINERAL CONTENT
∞ ENGINEERING
ORBITING FROG OTOLITH
PUPILLOMETRY
STATISTICAL ANALYSIS
∞ STATISTICS

BIONICS

UF BIOLOGICAL MODELS
BIOSIMULATION
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
BIOCONTROL SYSTEMS
BIOENGINEERING
BIOINSTRUMENTATION
BIOLOGICAL MODELS (MATHEMATICS)
∞ BIOLOGY
CONTROL SYSTEMS DESIGN
CYBERNETICS
HUMAN FACTORS ENGINEERING
MAN MACHINE SYSTEMS
NEURISTORS
RHEOELECTRICAL SIMULATION
ROBOTS
SIMULATION
SYNCDERS
SYSTEMS ENGINEERING

BIOPAKS

GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
BIOPAKS
RT BIOENGINEERING
BIOSATELLITES
∞ CONTAINERS
ENCLOSURES
PORTABLE LIFE SUPPORT SYSTEMS
PRESERVING

BIOPHYSICS

GS **BIOPHYSICS**
HEALTH PHYSICS
PUBLIC HEALTH
RT BIODYNAMICS
BIOENGINEERING
∞ BIOLOGY
BIOMAGNETISM
∞ PHYSICS
∞ SCIENCE

BIOPROCESSING

RT AEROSPACE ENVIRONMENTS
BIOCONVERSION
BIOTECHNOLOGY
ELECTROPHORESIS
∞ MICROGRAVITY APPLICATIONS
PHARMACOLOGY
REDUCED GRAVITY
SPACE PROCESSING
SPACEBORNE EXPERIMENTS
WEIGHTLESSNESS

BIOREACTORS

RT ∞ BIOLOGY
BIOMASS ENERGY PRODUCTION
BIOTECHNOLOGY

BIOREGENERATION

USE REGENERATION (PHYSIOLOGY)

BIOREGENERATIVE LIFE SUPPORT SYSTEMS

USE CLOSED ECOLOGICAL SYSTEMS

NASA THESAURUS (VOLUME 1)

BIOS PROJECT

GS PROGRAMS
PROJECTS
BIOS PROJECT

BIOSATELLITE 1

GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
BIOSATELLITE 1
UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 1
RT BIOASTRONAUTICS

BIOSATELLITE 2

GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
BIOSATELLITE 2
UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 2
RT BIOASTRONAUTICS

BIOSATELLITE 3

GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
BIOSATELLITE 3
UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 3
RT ∞ ASTRONAUTICS
BIOASTRONAUTICS

BIOSATELLITES

SN (EXCLUDES MANNED SPACECRAFT)
GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
ORBITING FROG OTOLITH
SPUTNIK 2 SATELLITE
UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
SPUTNIK 2 SATELLITE
RT AEROSPACE ENVIRONMENTS
∞ BIOLOGY
BIOPAKS
ENVIRONMENTAL CONTROL
EXTRATERRESTRIAL LIFE
LIFE DETECTORS
LIFE SUPPORT SYSTEMS
MANNED SPACECRAFT
SPACE CAPSULES
∞ SPACECRAFT

BIOSENSORS

USE BIOINSTRUMENTATION

BIOSIMULATION

USE BIONICS

BIOSPHERE

GS EARTH ATMOSPHERE
LOWER ATMOSPHERE
BIOSPHERE
RT ∞ BIOLOGY
CHEMOSPHERE
EARTH HYDROSPHERE
FREE ATMOSPHERE
HOMOSPHERE
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM

BIOSYNTHESIS

RT ∞ BIOLOGY
CHEMICAL REACTIONS
GENETIC ENGINEERING
METABOLITES
PROSTAGLANDINS
∞ SYNTHESIS
SYNTHETIC FOOD

BIOT METHOD

RT CALCULUS OF VARIATIONS
∞ METHODOLOGY

BIOT NUMBER

GS RATIOS
 DIMENSIONLESS NUMBERS
BIOT NUMBER
 RT HEAT TRANSFER
 ∞ NUMBERS

BIOTECHNOLOGY

GS TECHNOLOGIES
BIOTECHNOLOGY
 RT ARTIFICIAL CARDIAC PACEMAKER
 ARTIFICIAL HEART VALVES
 ∞ BIOLOGY
 BIOPROCESSING
 BIOREACTORS
 BLOOD PUMPS
 HEART IMPLANTATION
 MAN MACHINE SYSTEMS

BIOTELEMETRY

UF PHYSIOLOGICAL TELEMETRY
 GS BIOENGINEERING
 BIOINSTRUMENTATION
BIOTELEMETRY
 TELECOMMUNICATION
 TELEMETRY
BIOTELEMETRY
 RT ∞ BIOLOGY
 COMMUNICATION EQUIPMENT
 ∞ ENGINEERING
 ORBITING FROG OTOLITH
 PNEUMOGRAPHY
 WILDLIFE RADIOLOCATION

BIOTIN

UF VITAMIN B COMPLEX
 GS HETEROCYCLIC COMPOUNDS
BIOTIN
 VITAMINS
BIOTIN
 RT DRUGS

BIOTITE

UF KIMBERLITE
 GS MINERALS
 MICA
BIOTITE

BIPLANES

RT ∞ AIRCRAFT
 DUAL WING CONFIGURATIONS
 LIGHT AIRCRAFT
 MONOPLANES
 TANDEM WING AIRCRAFT
 UTILITY AIRCRAFT

BIPOLAR TRANSISTORS

GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 TRANSISTORS
BIPOLAR TRANSISTORS
 RT BIPOLARITY
 CARRIER INJECTION
 EPITAXY
 MAJORITY CARRIERS
 MINORITY CARRIERS
 N-P-N JUNCTIONS
 SEMICONDUCTORS (MATERIALS)

BIPOLARITY

RT BIPOLAR TRANSISTORS
 ∞ POLARIZATION

BIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

BIRD-AIRCRAFT COLLISIONS

GS ACCIDENTS
BIRD-AIRCRAFT COLLISIONS
 AIRCRAFT ACCIDENTS
BIRD-AIRCRAFT COLLISIONS
 COLLISIONS
 MIDAIR COLLISIONS
BIRD-AIRCRAFT COLLISIONS
 RT ∞ AIRCRAFT
 AIRCRAFT HAZARDS
 BIRDS
 FLIGHT HAZARDS

BIRDS

GS ANIMALS
 VERTEBRATES
BIRDS

BIRDS-(CONT)

CHICKENS
 PIGEONS
 TURKEYS
 WATERFOWL
 WILDLIFE
BIRDS
 RT AIRCRAFT HAZARDS
 BIRD-AIRCRAFT COLLISIONS
 EARTH RESOURCES
 ENDANGERED SPECIES
 FLIGHT HAZARDS
 HOMEOTHERMS
 PLUMAGE

BIREFRINGENCE

UF POCKELS EFFECT
 GS ELECTROMAGNETIC PROPERTIES
 OPTICAL PROPERTIES
BIREFRINGENCE
 REFRACTION
BIREFRINGENCE
 RT ANISOTROPIC MEDIA
 ANISOTROPY
 BIREFRINGENT COATINGS
 BIREFRINGENT FILTERS
 CALCITE
 ELECTRO-OPTICS
 MOIRE EFFECTS
 NONLINEAR OPTICS
 PHOTOELASTICITY
 POLARIZATION (WAVES)
 REFLECTANCE
 REFRACTIVITY
 TEMPERATURE INVERSIONS
 VOIGT EFFECT

BIREFRINGENT COATINGS

GS COATINGS
BIREFRINGENT COATINGS
 RT ANISOTROPIC MEDIA
 BIREFRINGENCE
 BIREFRINGENT FILTERS
 REFRACTIVITY

BIREFRINGENT FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 OPTICAL FILTERS
BIREFRINGENT FILTERS
 RT BIREFRINGENCE
 BIREFRINGENT COATINGS
 ∞ FILTERS
 OPTICAL PROPERTIES
 REFRACTIVITY

BIRTH

RT FERTILIZATION
 FETUSES
 PREGNANCY
 ∞ REPRODUCTION
 REPRODUCTIVE SYSTEMS

BISMUTH

GS CHEMICAL ELEMENTS
BISMUTH
 BISMUTH ISOTOPES
 METALS
BISMUTH
 BISMUTH ISOTOPES

BISMUTH ALLOYS

GS ALLOYS
BISMUTH ALLOYS

BISMUTH COMPOUNDS

GS **BISMUTH COMPOUNDS**
 BISMUTH OXIDES
 BISMUTH SULFIDES
 BISMUTH TELLURIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 5A COMPOUNDS
 ∞ METAL COMPOUNDS

BISMUTH ISOTOPES

UF BISMUTH 205
 GS CHEMICAL ELEMENTS
 BISMUTH
BISMUTH ISOTOPES
 NUCLIDES
 ISOTOPES
BISMUTH ISOTOPES
 METALS
 BISMUTH
BISMUTH ISOTOPES

BISMUTH OXIDES

GS BISMUTH COMPOUNDS
BISMUTH OXIDES
 CHALCOGENIDES
 OXIDES
 METAL OXIDES
BISMUTH OXIDES

BISMUTH SULFIDES

GS BISMUTH COMPOUNDS
BISMUTH SULFIDES
 CHALCOGENIDES
 SULFIDES
 INORGANIC SULFIDES
BISMUTH SULFIDES
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
BISMUTH SULFIDES

BISMUTH TELLURIDES

GS BISMUTH COMPOUNDS
BISMUTH TELLURIDES
 CHALCOGENIDES
 TELLURIDES
BISMUTH TELLURIDES
 TELLURIUM COMPOUNDS
 TELLURIDES
BISMUTH TELLURIDES

BISMUTH 205

USE BISMUTH ISOTOPES

BISPHENOLS

GS HYDROXYL COMPOUNDS
 ALCOHOLS
 PHENOLS
BISPHENOLS

BISTABLE AMPLIFIERS

USE FLIP-FLOPS

BISTABLE CIRCUITS

GS CIRCUITS
BISTABLE CIRCUITS
 RT DIGITAL TECHNIQUES
 FLIP-FLOPS
 MULTIVIBRATORS
 TRIGGER CIRCUITS

BISTATIC RADAR

USE MULTISTATIC RADAR

BISTATIC REFLECTIVITY

RT BRIGHTNESS
 INCIDENT RADIATION
 REFLECTANCE
 SCATTERING

BIT ERROR RATE

GS RATES (PER TIME)
BIT ERROR RATE
 RT BINARY CODES
 BINARY DATA
 BINARY DIGITS
 BIT SYNCHRONIZATION
 BITS
 ERROR ANALYSIS
 ERROR CORRECTING CODES
 ERROR DETECTION CODES
 ERROR SIGNALS
 PULSE COMMUNICATION
 SIGNAL TO NOISE RATIOS
 TRANSMISSION EFFICIENCY

BIT SYNCHRONIZATION

GS SYNCHRONISM
BIT SYNCHRONIZATION
 RT BIT ERROR RATE
 FREQUENCY SYNCHRONIZATION

BITERNARY CODE

RT ∞ CODES
 DIFFERENTIAL PULSE CODE
 MODULATION
 DIGITAL SYSTEMS
 PULSE CODE MODULATION

BITS

RT BINARY DIGITS
 BIT ERROR RATE
 DRILL BITS

BITUMENS

BITUMENS

- RT CARBON
- COAL
- COKE
- ∞ CONSTRUCTION MATERIALS
- LIGNITE
- ∞ MATERIALS
- SOLVENT REFINED COAL

BIVARIATE ANALYSIS

- GS STATISTICAL ANALYSIS
- VARIANCE (STATISTICS)
- MULTIVARIATE STATISTICAL ANALYSIS
- RT BIVARIATE ANALYSIS
- CORRELATION

BL LACERTAE OBJECTS

- GS CELESTIAL BODIES
- BL LACERTAE OBJECTS
- RT EXTRAGALACTIC RADIO SOURCES
- GALAXIES
- LUMINOUS INTENSITY
- POLARIZATION (WAVES)
- RADIANT FLUX DENSITY
- RADIO SOURCES (ASTRONOMY)

BLACK AND WHITE PHOTOGRAPHY

- GS IMAGERY
- BLACK AND WHITE PHOTOGRAPHY
- PHOTOGRAPHY
- RT ALL SKY PHOTOGRAPHY
- ASTRONOMICAL PHOTOGRAPHY
- AUTORADIOGRAPHY
- CHRONOPHOTOGRAPHY
- CINEMATOGRAPHY
- CLOUD PHOTOGRAPHY
- COLOR PHOTOGRAPHY
- ELECTRO-OPTICAL PHOTOGRAPHY
- ELECTRON PHOTOGRAPHY
- FRAME PHOTOGRAPHY
- INFRARED PHOTOGRAPHY
- LUNAR PHOTOGRAPHY
- PHOTOMICROGRAPHY
- PHOTORECONNAISSANCE
- RADAR PHOTOGRAPHY
- ROCKET-BORNE PHOTOGRAPHY
- SATELLITE-BORNE PHOTOGRAPHY
- SCHLIEREN PHOTOGRAPHY
- SHADOWGRAPH PHOTOGRAPHY
- SPACEBORNE PHOTOGRAPHY
- SPECTROHELIOGRAPHS
- SPECTROPHOTOGRAPHY
- STEREOPHOTOGRAPHY
- ULTRAVIOLET PHOTOMETRY
- UROGRAPHY

BLACK ARROW LAUNCH VEHICLE

- USE BLACK KNIGHT ROCKET VEHICLE

BLACK BODY RADIATION

- GS ELECTROMAGNETIC RADIATION
- BLACK BODY RADIATION
- RT BRIGHTNESS DISTRIBUTION
- BRIGHTNESS TEMPERATURE
- EMISSIVITY
- HEAT RADIATORS
- HOHLRAUMS
- INFRARED RADIATION
- KIRCHHOFF LAW OF RADIATION
- LIGHT (VISIBLE RADIATION)
- NONGRAY ATMOSPHERES
- NONGRAY GAS
- PLANCKS CONSTANT
- RADIANCE
- ∞ RADIATION
- SUNLIGHT
- THERMAL RADIATION
- ULTRAVIOLET RADIATION

BLACK BRANT SOUNDING ROCKETS

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- ROCKET
- BLACK BRANT 1 SOUNDING
- ROCKET
- BLACK BRANT 2 SOUNDING
- ROCKET
- BLACK BRANT 3 SOUNDING
- ROCKET
- BLACK BRANT 4 SOUNDING
- ROCKET
- BLACK BRANT 5 SOUNDING
- ROCKET

BLACK BRANT SOUNDING ROCKETS-(CONT)

- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 1 SOUNDING
- ROCKET
- BLACK BRANT 2 SOUNDING
- ROCKET
- BLACK BRANT 3 SOUNDING
- ROCKET
- BLACK BRANT 4 SOUNDING
- ROCKET
- BLACK BRANT 5 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 1 SOUNDING ROCKET

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 1 SOUNDING
- ROCKET
- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 1 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 2 SOUNDING ROCKET

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 2 SOUNDING
- ROCKET
- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 2 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 3 SOUNDING ROCKET

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 3 SOUNDING
- ROCKET
- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 3 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 4 SOUNDING ROCKET

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 4 SOUNDING
- ROCKET
- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 4 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 5 SOUNDING ROCKET

- GS ROCKET VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 5 SOUNDING
- ROCKET
- SOUNDING ROCKETS
- BLACK BRANT SOUNDING ROCKETS
- BLACK BRANT 5 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK HAWK ASSAULT HELICOPTER

- USE H-60 HELICOPTER

BLACK HILLS (SD-WY)

- GS LANDFORMS
- MOUNTAINS
- BLACK HILLS (SD-WY)
- RT SOUTH DAKOTA
- WYOMING

BLACK HOLES (ASTRONOMY)

- GS GRAVITATIONAL COLLAPSE
- BLACK HOLES (ASTRONOMY)
- RT ACCRETION DISKS
- GRAVITATIONAL LENSES
- NAKED SINGULARITIES
- REISSNER-NORDSTROM SOLUTION
- SUPERNOVA REMNANTS
- WHITE HOLES (ASTRONOMY)
- X RAY BINARIES

NASA THESAURUS (VOLUME 1)

BLACK KNIGHT ROCKET VEHICLE

- UF BLACK ARROW LAUNCH VEHICLE
- GS ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- BLACK KNIGHT ROCKET VEHICLE
- SINGLE STAGE ROCKET VEHICLES
- BLACK KNIGHT ROCKET VEHICLE
- RT LIQUID PROPELLANT ROCKET ENGINES

BLACK SEA

- GS SEAS
- BLACK SEA
- RT BULGARIA
- ROMANIA
- TURKEY
- U S S R

BLACKBURN B-103 AIRCRAFT

- USE BUCCANEER AIRCRAFT

∞ BLACKOUT

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT BLACKOUT (PHYSIOLOGY)
- BLACKOUT (PROPAGATION)

BLACKOUT (PHYSIOLOGY)

- GS SYNCOPE
- BLACKOUT (PHYSIOLOGY)
- BLACKOUT PREVENTION
- UNCONSCIOUSNESS
- BLACKOUT (PHYSIOLOGY)
- BLACKOUT PREVENTION
- RT ACCELERATION TOLERANCE
- ∞ BLACKOUT
- ∞ COMA

BLACKOUT (PROPAGATION)

- UF IONOSPHERIC BLACKOUT
- GS ELECTROMAGNETIC INTERFERENCE
- RADIO FREQUENCY INTERFERENCE
- BLACKOUT (PROPAGATION)
- ELECTROMAGNETIC NOISE
- ATMOSPHERICS
- IONOSPHERICS
- DAWN CHORUS
- HISS
- SUDDEN ENHANCEMENT OF
- ATMOSPHERICS
- WHISTLERS
- COSMIC NOISE
- IONOSPHERIC NOISE
- WHISTLERS
- SHOT NOISE
- WHITE NOISE
- THERMAL NOISE
- IONOSPHERIC CROSS MODULATION
- POLAR RADIO BLACKOUT
- RT ∞ BLACKOUT
- ELECTROMAGNETIC FIELDS
- IONOSPHERIC DISTURBANCES
- PLASMA SHEATHS
- PLASMAS (PHYSICS)
- RADIATION EFFECTS
- RADIO COMMUNICATION
- REENTRY COMMUNICATION
- REENTRY EFFECTS
- SOLAR ACTIVITY EFFECTS
- X RAYS

BLACKOUT PREVENTION

- GS HUMAN PERFORMANCE
- ASTRONAUT PERFORMANCE
- BLACKOUT PREVENTION
- SYNCOPE
- BLACKOUT (PHYSIOLOGY)
- BLACKOUT PREVENTION
- UNCONSCIOUSNESS
- BLACKOUT (PHYSIOLOGY)
- BLACKOUT PREVENTION
- RT ACCELERATION TOLERANCE
- ∞ COMA
- WEIGHTLESSNESS

BLADDER

- GS ANATOMY
- GENITOURINARY SYSTEM
- BLADDER
- ORGANS
- BLADDER
- VISCERA
- ORGANS
- BLADDER
- RT PROSTATE GLAND

BLADDER-(CONT)
UROLOGY**BLADDERS (MECHANICS)**
USE DIAPHRAGMS (MECHANICS)**BLADE SLAP NOISE**
RT AERODYNAMIC NOISE
AIRCRAFT NOISE
BLADE TIPS
HELICOPTERS**BLADE TIPS**
GS TIPS
RT **BLADE TIPS**
AIRFOIL PROFILES
BLADE SLAP NOISE
PROPELLER BLADES
ROTARY WINGS
ROTOR BLADES (TURBOMACHINERY)
WING TIPS**BLADES**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRFOILS
BLADES (CUTTERS)
COMPRESSOR BLADES
FINS
HYDROFOILS
PROPELLER BLADES
RIMS
ROTARY WINGS
ROTOR BLADES (TURBOMACHINERY)
STATOR BLADES
TURBINE BLADES
TURBOMACHINE BLADES
VANES**BLADES (CUTTERS)**
GS CUTTERS
RT **BLADES (CUTTERS)**
RAZOR BLADES
∞ BLADES**BLANKETS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BEDDING EQUIPMENT
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CLOUD COVER
CONTROLLED ATMOSPHERES
SOLAR BLANKETS**BLANKETS (FISSION REACTORS)**
RT ∞ BLANKETS
∞ DAMPERS
FISSION
REACTOR DESIGN
REACTOR MATERIALS**BLANKETS (FUSION REACTORS)**
RT ∞ BLANKETS
FUSION REACTORS
LIMITERS (FUSION REACTORS)
MODERATORS
REACTOR DESIGN
REACTOR MATERIALS**BLANKING**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BLANKING (CUTTING)
FORMING TECHNIQUES
STAMPING**BLANKING (CUTTING)**
GS CUTTING
RT **BLANKING (CUTTING)**
FORMING TECHNIQUES
PRESSING (FORMING)
BLANKING (CUTTING)
∞ BLANKING
LASER CUTTING
SHEARING
STAMPING**BLANKS**
RT AMMUNITION
BRIQUETS**BLANKS-(CONT)**
FORMS (PAPER)
PREFORMS**BLASIUS EQUATION**
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
RT **BLASIUS EQUATION**
BOUNDARY LAYER FLOW
∞ EQUATIONS
FALKNER-SKAN EQUATION
FLAT PLATES
PRANDTL MEYER EXPANSION**BLASIUS FLOW**
GS FLUID FLOW
LAMINAR FLOW
RT **BLASIUS FLOW**
UNIFORM FLOW
FLAT PLATES
HEAD FLOW
TOLLMEIN-SCHLICHTING WAVES
TURBULENT FLOW
TWO DIMENSIONAL FLOW
WEDGE FLOW**BLAST DEFLECTORS**
GS DEFLECTORS
RT **BLAST DEFLECTORS**
BAFFLES
DIVERTERS
FLAME DEFLECTORS
SHIELDING**BLAST LOADS**
GS AERODYNAMIC FORCES
AERODYNAMIC LOADS
LOADS (FORCES)
DYNAMIC LOADS
AERODYNAMIC LOADS
TRANSIENT LOADS
SHOCK LOADS
RT **BLAST LOADS**
AERIAL EXPLOSIONS
DYNAMIC PRESSURE
EXPLOSIONS
GUST LOADS
IMPACT LOADS
OVERPRESSURE
PRESSURE
PRESSURE PULSES
RIEMANN WAVES
SHOCK WAVES
WAVE RESISTANCE**BLASTOFF**
USE ROCKET LAUNCHING**BLASTS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT EXHAUST GASES
EXPLOSIONS
JET BLAST EFFECTS
SHOCK WAVES
SOUND WAVES**BLATTIDAE**
USE COCKROACHES**BLEACHING**
RT CHLORINATION
CLEANING
FADING**BLEED-OFF**
USE PRESSURE REDUCTION**BLEEDING**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BOUNDARY LAYER CONTROL
FLUID MECHANICS
HEMORRHAGES
PRESSURE REDUCTION**BLENDS**
USE MIXTURES**BLIGHT**
UF DISEASED VEGETATION
GS DISEASES
PARASITIC DISEASES
RT **BLIGHT**
ALFALFA
BACTERIA
BAP'LEY
BOTANY
CITRUS TREES
CORN
CROP GROWTH
CROP VIGOR
FUNGI
ORCHARDS
PARASITES
PLANTS (BOTANY)
RHIZOPUS
RUST FUNGI
VINEYARDS**BLIND LANDING**
GS LANDING
RT **BLIND LANDING**
AIRCRAFT LANDING
APPROACH INDICATORS
AUTOMATIC LANDING CONTROL
INSTRUMENT APPROACH
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
LANDING INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)**BLINDNESS**
GS **BLINDNESS**
FLASH BLINDNESS
RT BRAILLE
EYE DISEASES
OPTOMETRY
VISION**BLINDS**
RT SHIELDING
∞ SHUTTERS**BLINKING**
RT ASTRONOMICAL PHOTOMETRY
DISPLAY DEVICES
EYE MOVEMENTS
VISUAL PERCEPTION**BLISTERS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT INFECTIOUS DISEASES
INJURIES
MUCOCELES
PROTUBERANCES
RUPTURING
SKIN (ANATOMY)
VIRUSES**BLOCH BAND**
GS ENERGY BANDS
RT **BLOCH BAND**
∞ BANDS
SUPERCONDUCTIVITY**BLOCK DIAGRAMS**
GS DIAGRAMS
RT **BLOCK DIAGRAMS**
CHARTS
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
FLOW CHARTS
RESEARCH MANAGEMENT
SYSTEMS ANALYSIS**BLOCK ISLAND SOUND (RI)**
GS SOUNDS (TOPOGRAPHIC FEATURES)
RT **BLOCK ISLAND SOUND (RI)**
ATLANTIC OCEAN
RHODE ISLAND**BLOCKING**
UF OBSTRUCTING
RT ∞ ARRESTERS
CLOSING
CLOSURES
CONSTRAINTS
CONSTRICTIONS
CONTAINMENT
PLUGGING

BLOCKS

BLOCKING-(CONT)

PLUGS
PREVENTION
RETARDERS (DEVICES)
RETARDING
SEALING
SEALS (STOPPERS)
STOPPING

BLOCKS

RT CUBES (MATHEMATICS)
PULLEYS
SLABS

BLOEDITE

GS MINERALS
BLOEDITE
RT MAGNESIUM SULFATES
SODIUM COMPOUNDS
SULFUR COMPOUNDS

BLOOD

GS BODY FLUIDS
BLOOD
ERYTHROCYTES
RETICULOCYTES
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
THROMBIN
THROMBOPLASTIN
WHITE BLOOD CELLS
RT ANEMIAS
BIOCOMPATIBILITY
BLOOD CIRCULATION
BLOOD COAGULATION
BLOOD FLOW
BLOOD GROUPS
BLOOD PLASMA
BLOOD PRESSURE
BLOOD PUMPS
BLOOD VESSELS
BLOOD VOLUME
BLOOD-BRAIN BARRIER
CAPILLARIES (ANATOMY)
CARBOXYHEMOGLOBIN TEST
CARDIOVASCULAR SYSTEM
CIRCULATION
COAGULATION
FIBRIN
HEART
HEMATOCRIT
HEMATOPOIESIS
HEMOGLOBIN
HEMORRHAGES
HYPERCAPNIA
HYPOCAPNIA
OXIMETRY
RHESUS FACTOR
TRANSFUSION

BLOOD CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
BRAIN CIRCULATION
CORONARY CIRCULATION
INTERCRANIAL CIRCULATION
INTRAVASCULAR SYSTEM
ISCHEMIA
OCULAR CIRCULATION
PERIPHERAL CIRCULATION
PULMONARY CIRCULATION
RT ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD
BLOOD-BRAIN BARRIER
CARBOXYHEMOGLOBIN
CIRCULATORY SYSTEM
CYANOSIS
DIASTOLE
ELECTROPLETHYSMOGRAPHY
HEART IMPLANTATION
HEMODYNAMIC RESPONSES
HEMODYNAMICS
HYPERVOLEMIA
HYPOVOLEMIA
PHONOARTERIOGRAPHY
RHEOENCEPHALOGRAPHY
RHEOMETERS
TOURNIQUETS
VASCULAR SYSTEM

BLOOD COAGULATION

GS COAGULATION
BLOOD COAGULATION

BLOOD COAGULATION-(CONT)

RT BLOOD
CLOTTING
HEMOSTATICS
MYOCARDIAL INFARCTION
PLATELETS
THROMBOCYTES
THROMBOSIS

BLOOD FLOW

GS FLUID FLOW
BLOOD FLOW
RT BLOOD
CAPILLARY FLOW
DIASTOLE
HEMOPERFUSION
SYSTOLE
TOURNIQUETS

BLOOD GROUPS

RT BLOOD
PLATELETS

BLOOD PLASMA

RT BLOOD
BODY FLUIDS
CORPUSCLES

BLOOD PRESSURE

GS PRESSURE
BLOOD PRESSURE
DIASTOLIC PRESSURE
HYPERTENSION
HYPOTENSION
SYSTOLIC PRESSURE
RT BIOFEEDBACK
BLOOD
DIASTOLE
HEMODYNAMIC RESPONSES
HEMOPERFUSION
MANOMETERS
OPHTHALMODYNAMOMETRY
ORTHOSTATIC TOLERANCE
SPHYGMOGRAPHY
SYSTOLE
TENSION

BLOOD PUMPS

GS MEDICAL EQUIPMENT
BLOOD PUMPS
PUMPS
BLOOD PUMPS
RT ARTIFICIAL HEART VALVES
BIOTECHNOLOGY
BLOOD
CIRCULATION
CIRCULATORY SYSTEM
HEART
PULMONARY CIRCULATION

BLOOD VESSELS

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CAPILLARIES (ANATOMY)
GLOMERULUS
VEINS
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CAPILLARIES (ANATOMY)
GLOMERULUS
VEINS
RT BIFURCATION (BIOLOGY)
BLOOD
CAROTID SINUS BODY
CAROTID SINUS REFLEX
CATHETERIZATION
EMBOLISMS
ENDOTHELIUM
FAT EMBOLISMS
VASOCONSTRICTION
VASODILATION
VESSELS

BLOOD VOLUME

RT BLOOD
CARDIOVASCULAR SYSTEM
CHRONIC CONDITIONS
CLINICAL MEDICINE
HEMATOPOIETIC SYSTEM

NASA THESAURUS (VOLUME 1)

BLOOD VOLUME-(CONT)

HEMODYNAMICS
HYPERVOLEMIA
HYPOVOLEMIA

BLOOD-BRAIN BARRIER

RT BARRIERS
BLOOD
BLOOD CIRCULATION
CENTRAL NERVOUS SYSTEM
NEURONS

BLOWDOWN WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
BLOWDOWN WIND TUNNELS
RT HOTSHOT WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY RESEARCH
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

BLOWERS

RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR DUCTS
BLOWING
CENTRIFUGAL COMPRESSORS
COMPRESSORS
COOLING SYSTEMS
DUCTED FANS
EXHAUST SYSTEMS
FANS
IMPELLERS
INJECTORS
MATERIALS HANDLING
MIXERS
NOZZLES
REFRIGERATING MACHINERY
SEALING
SPRAYS
SUPERCHARGERS
TURBOMACHINERY
VENTILATION
VENTILATION FANS
VENTILATORS

BLOWING

GS SPANWISE BLOWING
BLOWING
RT AERATION
AGITATION
BLOWERS
BOUNDARY LAYER CONTROL
CIRCULATION
CIRCULATION CONTROL AIRFOILS
COMPRESSING
ENTRAINMENT
EXHAUSTING
FORCED CONVECTION
INJECTION
MIXING
PUMPING
SPRAYING
WIND (METEOROLOGY)

BLOWN FLAPS

USE EXTERNALLY BLOWN FLAPS

BLOWOUTS

RT FATIGUE LIFE
TIRES

BLUE GOOSE MISSILE

GS DECOYS
BLUE GOOSE MISSILE
MISSILES
SURFACE TO AIR MISSILES
BLUE GOOSE MISSILE
RT BOOSTER ROCKET ENGINES
COUNTERMEASURES
J-85 ENGINE
SOLID PROPELLANT ROCKET ENGINES

BLUE GREEN ALGAE

UF CYANOPHYTA
GS ALGAE
BLUE GREEN ALGAE
NOSTOC

BLUE SCOUT ROCKET VEHICLE
 GS LAUNCH VEHICLES
 BLUE SCOUT ROCKET VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 BLUE SCOUT ROCKET VEHICLE
 RT ALGOL ENGINE
 SOLID PROPELLANT ROCKET ENGINES
 X-248 ENGINE
 X-254 ENGINE
 XM 33 ENGINE

BLUE STARS
 GS CELESTIAL BODIES
 STARS
 HOT STARS
 BLUE STARS
 SYMBIOTIC STARS
 RT A STARS
 B STARS
 O STARS

BLUE STEEL MISSILE
 GS MISSILES
 BLUE STEEL MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 BLUE STREAK LAUNCH VEHICLE
 ROCKET VEHICLES
 BLUE STREAK LAUNCH VEHICLE
 RT ELDO LAUNCH VEHICLE
 LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK MISSILE
 GS MISSILES
 BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC MISSILES
 BLUE STREAK MISSILE
 SURFACE TO SURFACE MISSILES
 INTERMEDIATE RANGE BALLISTIC MISSILES
 BLUE STREAK MISSILE
 ROCKET VEHICLES
 BLUE STREAK MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES

BLUEPRINTS
 GS DOCUMENTS
 ENGINEERING DRAWINGS
 BLUEPRINTS
 DRAWINGS
 ENGINEERING DRAWINGS
 BLUEPRINTS
 RT LAYOUTS
 REPRODUCTION (COPYING)

BLUFF BODIES
 RT BLUNT BODIES
 ∞ BODIES
 DUCTED BODIES
 FOREBODIES
 LIFTING BODIES
 REENTRY VEHICLES
 ROSHKO PREDICTION

BLUFFS (LANDFORMS)
 USE CLIFFS

BLUNT BODIES
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMICS
 AXISYMMETRIC BODIES
 BLUFF BODIES
 ∞ BODIES
 DUCTED BODIES
 FOREBODIES
 MISSILE BODIES
 NOSE CONES
 SYMMETRICAL BODIES

BLUNT LEADING EDGES
 GS EDGES
 BLUNT LEADING EDGES
 RT AIRFOILS
 FOREBODIES
 TRAILING EDGES

BLUNT TRAILING EDGES
 GS EDGES
 TRAILING EDGES
 BLUNT TRAILING EDGES

BLUNT TRAILING EDGES-(CONT)
 RT AIRFOILS
 CONTROL SURFACES
 WINGS

BLURRING
 RT ABERRATION
 RESOLUTION
 SPATIAL FILTERING

BMC
 USE BONE MINERAL CONTENT

BMEWS
 USE BALLISTIC MISSILE EARLY WARNING SYSTEM

BO-105 HELICOPTER
 GS BOLKOW AIRCRAFT
 BO-105 HELICOPTER
 PASSENGER AIRCRAFT
 BO-105 HELICOPTER
 UTILITY AIRCRAFT
 BO-105 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 BO-105 HELICOPTER

BOARDS (PAPER)
 UF FIBERBOARD
 RT ∞ CONSTRUCTION MATERIALS
 PAPER (MATERIAL)
 PAPERS

BOATS
 GS SURFACE VEHICLES
 BOATS
 LIFEBOATS
 WATER VEHICLES
 BOATS
 LIFEBOATS
 RT AMPHIBIOUS VEHICLES
 HARBORS
 INFLATABLE STRUCTURES
 KEELS
 ∞ MILITARY VEHICLES
 RESEARCH VEHICLES
 SHIPS
 UNDERWATER VEHICLES

BOATTAILS
 RT AFTERBODIES
 SKIRTS
 TAIL ASSEMBLIES

BOD
 USE BIOCHEMICAL OXYGEN DEMAND

∞ BODIES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT AFTERBODIES
 AXISYMMETRIC BODIES
 BLUFF BODIES
 BLUNT BODIES
 BODIES OF REVOLUTION
 CELESTIAL BODIES
 CENTERBODIES
 DUCTED BODIES
 ELASTIC BODIES
 FINNED BODIES
 FLEXIBLE BODIES
 FOREIGN BODIES
 HERBIG-HARO OBJECTS
 HUMAN BODY
 LENTICULAR BODIES
 LIFTING BODIES
 MANEUVERABLE REENTRY BODIES
 MISSILE BODIES
 PLANFORMS
 PYRAMIDAL BODIES
 REENTRY VEHICLES
 ROTATING BODIES
 SLENDER BODIES
 SOLIDS
 STREAMLINED BODIES
 SYMMETRICAL BODIES
 THREE DIMENSIONAL BODIES
 TOWED BODIES
 TWO DIMENSIONAL BODIES

BODIES OF REVOLUTION
 GS SYMMETRICAL BODIES
 BODIES OF REVOLUTION
 CONICAL BODIES
 SLENDER CONES
 CYLINDRICAL BODIES
 ROTATING CYLINDERS
 PARABOLIC BODIES
 SPHERES
 CELESTIAL SPHERE
 CONCENTRIC SPHERES
 FALLING SPHERES
 POINCARÉ SPHERES
 ROTATING SPHERES
 TORUSES
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMICS
 AXES OF ROTATION
 AXISYMMETRIC BODIES
 ∞ BODIES
 CONES
 DISKS (SHAPES)
 ELLIPSOIDS
 FINNED BODIES
 GEOMETRY
 ∞ HEMISPHERES
 HEMISPHERICAL SHELLS
 OGIVES
 ∞ RINGS
 SPHERICAL SHELLS
 STREAMLINED BODIES

BODY CENTERED CUBIC LATTICES
 UF BCC LATTICES
 GS CRYSTAL LATTICES
 BODY CENTERED CUBIC LATTICES
 RT CLOSE PACKED LATTICES
 CRYSTALS
 FACE CENTERED CUBIC LATTICES

BODY COMPOSITION (BIOLOGY)
 GS COMPOSITION (PROPERTY)
 BODY COMPOSITION (BIOLOGY)
 PHYSIOLOGY
 BODY COMPOSITION (BIOLOGY)
 RT ∞ BIOLOGY
 CHEMICAL COMPOSITION
 EXOSKELETONS

BODY FLUIDS
 GS **BODY FLUIDS**
 BLOOD
 ERYTHROCYTES
 RETICULOCYTES
 LEUKOCYTES
 EOSINOPHILS
 LYMPHOCYTES
 THROMBIN
 THROMBOPLASTIN
 WHITE BLOOD CELLS
 CEREBROSPINAL FLUID
 ENDOLYMPH
 LYMPH
 LYMPHOCYTES
 MUCUS
 SALIVA
 SWEAT
 URINE
 RT BLOOD PLASMA
 DIURESIS
 EDEMA
 ∞ FLUIDS
 ISOTONICITY
 LYSOZYME
 MINERAL METABOLISM
 OBESITY
 PERSPIRATION
 SECRECTIONS
 WATER
 WATER BALANCE

BODY KINEMATICS
 GS KINEMATICS
 BODY KINEMATICS
 RT ACCELERATION (PHYSICS)
 ACCELERATION STRESSES
 (PHYSIOLOGY)
 KINETICS
 PARTICLE THEORY
 VELOCITY

BODY MEASUREMENT (BIOLOGY)

BODY MEASUREMENT (BIOLOGY)

SN (LIMITED TO BIOLOGICAL APPLICATIONS
--FOR MEASUREMENT OF
NON-BIOLOGICAL BODIES USE SIZE
DETERMINATION)
GS BIOENGINEERING
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)
ANTHROPOMETRY
ELECTROPLETHYSMOGRAPHY
RT ∞ BIOLOGY
BIOMEDICAL DATA
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROPHYSIOLOGY
∞ ENGINEERING
HUMAN BODY
HUMAN FACTORS ENGINEERING
OBESITY
SIZE DETERMINATION
∞ SIZING

BODY SIZE (BIOLOGY)

RT ANTHROPOMETRY
∞ BIOLOGY
OBESITY

BODY SWAY TEST

GS PHYSIOLOGICAL TESTS
BODY SWAY TEST
RT ∞ EQUILIBRIUM
VERTICAL PERCEPTION
VESTIBULAR TESTS

BODY TEMPERATURE

SN (LIMITED TO TEMPERATURE OF
BIOLOGICAL BODIES)
GS TEMPERATURE
BODY TEMPERATURE
RT COLD TOLERANCE
FEVER
HEAT ACCLIMATIZATION
HEAT STROKE
HEAT TOLERANCE
HOMEOSTASIS
HOMEOTHERMS
HUMIDITY
HYPERTHERMIA
HYPOTHERMIA
PERSPIRATION
POIKILOthermia
SHIVERING
THERMORECEPTORS
THERMOREGULATION
VASOCONSTRICTION
VASODILATION

BODY TEMPERATURE (NON-BIOLOGICAL)

USE TEMPERATURE

BODY TEMPERATURE REGULATION

USE THERMOREGULATION

BODY VOLUME (BIOLOGY)

GS VOLUME
BODY VOLUME (BIOLOGY)
RT ∞ BIOLOGY
OBESITY

BODY WEIGHT

GS WEIGHT (MASS)
BODY WEIGHT
RT OBESITY
WEIGHTLESSNESS

BODY-WING AND TAIL CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
∞ CONFIGURATIONS
FUSELAGES
TAIL ASSEMBLIES
WINGS

BODY-WING CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
DROOPED AIRFOILS
GAW-2 AIRFOIL
WINGS

BOEING AIRCRAFT

UF VERTOL MILITARY HELICOPTERS
GS BOEING AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT

BOEING AIRCRAFT-(CONT)

B-52 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 2707 AIRCRAFT
C-135 AIRCRAFT
CH-21 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-62 HELICOPTER
E-3A AIRCRAFT
E-4A AIRCRAFT
H-25 HELICOPTER
RB-50 AIRCRAFT
VZ-2 AIRCRAFT
X-20 AIRCRAFT
RT ∞ AIRCRAFT
AWACS AIRCRAFT
YC-14 AIRCRAFT

BOEING MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

BOEING 707 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 707 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 707 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 707 AIRCRAFT
MONOPLANES
BOEING 707 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 707 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 707 AIRCRAFT
RT ∞ AIRCRAFT

BOEING 720 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 720 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 720 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 720 AIRCRAFT
MONOPLANES
BOEING 720 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 720 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 720 AIRCRAFT
RT ∞ AIRCRAFT

BOEING 727 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 727 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 727 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 727 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 727 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 727 AIRCRAFT
RT ∞ AIRCRAFT
CARGO AIRCRAFT

BOEING 733 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 733 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 733 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 733 AIRCRAFT
MONOPLANES
BOEING 733 AIRCRAFT
SUPERSONIC AIRCRAFT
BOEING 733 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 733 AIRCRAFT
RT ∞ AIRCRAFT
VARIABLE SWEEP WINGS

BOEING 737 AIRCRAFT

GS BOEING AIRCRAFT

NASA THESAURUS (VOLUME 1)

BOEING 737 AIRCRAFT-(CONT)

BOEING 737 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 737 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 737 AIRCRAFT
MONOPLANES
BOEING 737 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 737 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 737 AIRCRAFT
RT ∞ AIRCRAFT
CARGO AIRCRAFT

BOEING 747 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 747 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 747 AIRCRAFT
JET AIRCRAFT
BOEING 747 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 747 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 747 AIRCRAFT
RT ∞ AIRCRAFT
TURBOFAN ENGINES

BOEING 747B AIRCRAFT

USE E-4A AIRCRAFT

BOEING 757 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 757 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 757 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 757 AIRCRAFT
MONOPLANES
BOEING 757 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 757 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 757 AIRCRAFT
RT ∞ AIRCRAFT

BOEING 767 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 767 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 767 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 767 AIRCRAFT
MONOPLANES
BOEING 767 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 767 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 767 AIRCRAFT
RT ∞ AIRCRAFT
CARGO AIRCRAFT
TURBOFAN ENGINES

BOEING 2707 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 2707 AIRCRAFT
COMMERCIAL AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT
JET AIRCRAFT
BOEING 2707 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 2707 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 2707 AIRCRAFT
RT ∞ AIRCRAFT

BOGOLIUBOV THEORY

RT BBGKY HIERARCHY
∞ THEORIES

BOGS

USE MARSHLANDS

BOHR MAGNETON
GS CONSTANTS
RT **BOHR MAGNETON**
ELECTRONS
MAGNETIC MOMENTS

BOHR THEORY
GS THEORETICAL PHYSICS
QUANTUM THEORY
BOHR THEORY
RT ELECTRON TRANSITIONS
LINE SPECTRA
∞ THEORIES

BOILER PLATE
GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
METAL PLATES
BOILER PLATE
RT THICK WALLS

BOILERS
UF STEAM GENERATORS
GS HEATING EQUIPMENT
BOILERS
RT EXTERNAL COMBUSTION ENGINES
FURNACES
∞ GENERATORS
HEAT BALANCE
PRESSURE VESSELS
STEAM
VAPORIZERS
WASTE ENERGY UTILIZATION

BOILING
UF EBULLITION
GS PHASE TRANSFORMATIONS
VAPORIZING
BOILING
FILM BOILING
NUCLEATE BOILING
LEIDENFROST PHENOMENON
RT EFFERESCENCE
EVAPORATION
EVOLUTION (LIBERATION)
HEAT TRANSFER
HEATING

BOILING WATER REACTORS
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
HALDEN BOILING WATER
REACTOR
LOS ALAMOS WATER BOILER
REACTOR
PATHFINDER NUCLEAR REACTOR
SPERT REACTORS
RT NUCLEAR POWER REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS

BOLIDES
GS CELESTIAL BODIES
METEORIODS
BOLIDES
CYRILLID METEORIODS
RT ATMOSPHERIC ENTRY
ATMOSPHERIC HEATING
∞ FIREBALLS
METEOR TRAILS
METEORITES
METEOROID SHOWERS
PRIBRAM METEORITE

BOLIVIA
GS NATIONS
BOLIVIA
RT SOUTH AMERICA

BOLKOW AIRCRAFT
GS **BOLKOW AIRCRAFT**
BO-105 HELICOPTER
RT ∞ AIRCRAFT

BOLL WEEVILS
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
BOLL WEEVILS

BOLL WEEVILS-(CONT.)
RT BOLLWORMS
COTTON
INFESTATION

BOLLWORMS
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
LARVAE
BOLLWORMS
RT BOLL WEEVILS
CORN
COTTON
FRUITS
INFESTATION
MOTHS

BOLOGRAMS
USE BOLOMETERS

BOLOMETERS
UF BOLOGRAMS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
BOLOMETERS
RT DICKE RADIOMETERS
ELECTRICAL MEASUREMENT
HEAT MEASUREMENT
INFRARED DETECTORS
PHOTOMETERS
POTENTIOMETERS (INSTRUMENTS)
RADIATION PYROMETERS
RADIOMETERS
RESISTANCE THERMOMETERS
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING
INSTRUMENTS

BOLTS
GS FASTENERS
BOLTS
ROCK BOLTS
TIEBOLTS
RT ANCHORS (FASTENERS)
COUPLINGS
HOLDERS
NUTS (FASTENERS)
SCREWS
STUDS (STRUCTURAL MEMBERS)
THREADS

BOLTZMANN DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
BOLTZMANN DISTRIBUTION
RT ATMOSPHERIC DENSITY
ATMOSPHERIC DIFFUSION
KINETIC THEORY
STATISTICAL MECHANICS
TWO FLUID MODELS

BOLTZMANN TRANSPORT EQUATION
RT BBGKY HIERARCHY
CHAPMAN-ENSKOG THEORY
∞ EQUATIONS
FOKKER-PLANCK EQUATION
HYDRODYNAMIC EQUATIONS
KINETIC THEORY
PARTICLE DIFFUSION
STATISTICAL MECHANICS
TRANSPORT PROPERTIES
TRANSPORT THEORY

BOLTZMANN-VLASOV EQUATION
RT ∞ EQUATIONS
HIGH TEMPERATURE PLASMAS
MAXWELL EQUATION
PARTIAL DIFFERENTIAL EQUATIONS
WAVE EQUATIONS

BOLZA PROBLEMS
RT OPTIMIZATION
∞ PROBLEMS

BOMARC A MISSILE
GS MISSILES
SURFACE TO AIR MISSILES
BOMARC MISSILES
BOMARC A MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

BOMARC B MISSILE
GS MISSILES
SURFACE TO AIR MISSILES
BOMARC MISSILES
BOMARC B MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

BOMARC MISSILES
GS MISSILES
ANTIAIRCRAFT MISSILES
BOMARC MISSILES
SURFACE TO AIR MISSILES
BOMARC MISSILES
BOMARC A MISSILE
BOMARC B MISSILE

BOMB CALORIMETERS
GS MEASURING INSTRUMENTS
CALORIMETERS
BOMB CALORIMETERS
RT DROP CALORIMETERS
FLAME CALORIMETERS
HEAT MEASUREMENT
HIGH TEMPERATURE TESTS
TEMPERATURE MEASURING
INSTRUMENTS

∞ **BOMBARDMENT**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT HYPERVELOCITY PROJECTILES
IRRADIATION
METEORITIC DAMAGE
SPUTTERING

BOMBER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
A-2 AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
A-5 AIRCRAFT
A-6 AIRCRAFT
B-1 AIRCRAFT
B-26 AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
B-57 AIRCRAFT
B-58 AIRCRAFT
B-66 AIRCRAFT
B-70 AIRCRAFT
F-100 AIRCRAFT
SHACKLETON BOMBER
VALIANT AIRCRAFT
VICTOR MK-1 AIRCRAFT
VULCAN AIRCRAFT
RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
BOMBING EQUIPMENT
JET AIRCRAFT
∞ MILITARY AIRCRAFT
∞ MILITARY AVIATION
RB-50 AIRCRAFT
TANKER AIRCRAFT
TRAINING AIRCRAFT
VAMPIRE MK 35 AIRCRAFT

BOMBING EQUIPMENT
GS ONBOARD EQUIPMENT
AIRCRAFT EQUIPMENT
BOMBING EQUIPMENT
RT B-1 AIRCRAFT
BOMBER AIRCRAFT
BOMBS (ORDNANCE)
∞ EQUIPMENT
FIRE CONTROL

∞ **BOMBS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BOMBS (ORDNANCE)
PRECISION GUIDED PROJECTILES
PRESSURE GAGES
SAMPLERS

BOMBS (ORDNANCE)
GS EXPLOSIVE DEVICES
BOMBS (ORDNANCE)
RT AMMUNITION
B-1 AIRCRAFT
BOMBING EQUIPMENT

BOMBS (PRESSURE GAGES)

BOMBS (ORDNANCE)-(CONT)

∞ BOMBS
EXPLOSIVES
INCENDIARY AMMUNITION
MISSILES
NUCLEAR WEAPONS
PROJECTILES
PYROTECHNICS
SHAPED CHARGES
TORPEDOES
WARHEADS

BOMBS (PRESSURE GAGES)

USE PRESSURE GAGES

BOMBS (SAMPLERS)

USE SAMPLERS

BONANZA AIRCRAFT

USE C-35 AIRCRAFT

BOND GRAPHS

GS CHARTS
GRAPHS (CHARTS)
BOND GRAPHS
RT CONTROL SYSTEMS DESIGN
DIFFERENTIAL EQUATIONS
DYNAMIC MODELS
MATHEMATICAL MODELS
∞ MATHEMATICS
∞ NETWORKS
SIMULATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING

BONDING

GS **BONDING**
ADHESIVE BONDING
AGGLUTINATION
CERAMIC BONDING
EXPLOSIVE WELDING
INERTIA BONDING
METAL BONDING
METAL-METAL BONDING
REACTION BONDING
RESIN BONDING
RT ADHESION
ADHESION TESTS
BEAM LEADS
BINDING
CEMENTATION
CHEMICAL BONDS
COHESION
COLD WELDING
DIFFUSION WELDING
∞ JOINING
JOINTS (JUNCTIONS)
LAMINATES
LASER WELDING
SEALING
SOLDERING
WELDING

BONDOC METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
BONDOC METEORITE

BONE DEMINERALIZATION

GS DEMINERALIZING
BONE DEMINERALIZATION
DISEASES
BONE DEMINERALIZATION
RT BIOLOGICAL EFFECTS
∞ BIOLOGY
BONES
OSTEOPOROSIS
PHYSIOLOGICAL EFFECTS
WEIGHTLESSNESS

BONE MARROW

RT CANCER
ERYTHROCYTES
LEUKEMIAS

BONE MINERAL CONTENT

UF BMC
GS CONTENT
BONE MINERAL CONTENT
RT BIOENGINEERING
∞ BIOLOGY
BIOMETRICS

BONE MINERAL CONTENT-(CONT)

BONES
CALCIUM CARBONATES
CALCIUM PHOSPHATES
COLLAGENS
MINERALS
OSTEOPOROSIS

BONES

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
CARTILAGE
CEREBRUM
FEMUR
MARROW
MASTOIDS
PELVIS
SCAPULA
SCIATIC REGION
SKULL
CRANIUM
INTRACRANIAL CAVITY
STERNUM
TIBIA
ULNA
VERTEBRAE
RT ARTHRITIS
BONE DEMINERALIZATION
BONE MINERAL CONTENT
CALCIFICATION
CHIN
CONNECTIVE TISSUE
EXOSKELETONS
JOINTS (ANATOMY)
LAMELLA
OSTEOPOROSIS
SPINAL CORD
SPLINTS
VERTEBRAL COLUMN

BONNE PROJECTION

RT MAPPING
MAPS
∞ PROJECTION

BOOLEAN ALGEBRA

GS MATHEMATICAL LOGIC
LATTICES (MATHEMATICS)
BOOLEAN ALGEBRA
BOOLEAN FUNCTIONS
RT ALGEBRA
∞ CONJUNCTION
INSTRUCTION SETS (COMPUTERS)
∞ LOGIC
SET THEORY
SWITCHING THEORY
TRANSISTOR LOGIC
∞ UNIONS

BOOLEAN FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
BOOLEAN FUNCTIONS
MATHEMATICAL LOGIC
LATTICES (MATHEMATICS)
BOOLEAN ALGEBRA
BOOLEAN FUNCTIONS

∞ BOOM

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOOMS (EQUIPMENT)
SONIC BOOMS
TAIL ASSEMBLIES

BOOMS (EQUIPMENT)

GS POSITIONING DEVICES (MACHINERY)
BOOMS (EQUIPMENT)
RT ∞ BOOM
CRANES

BOOST

USE ACCELERATION (PHYSICS)

BOOSTER RECOVERY

RT EXPENDABLE STAGES (SPACECRAFT)
RECOVERABLE LAUNCH VEHICLES
∞ RECOVERY
RECOVERY PARACHUTES
SPACECRAFT RECOVERY

BOOSTER ROCKET ENGINES

UF ROCKET BOOSTERS

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BOOSTER ROCKET ENGINES-(CONT)

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
AJ-10 ENGINE
ALGOL ENGINE
APOGEE BOOST MOTORS
H-1 ENGINE
LR-87-AJ-5 ENGINE
M-1 ENGINE
M-55 ENGINE
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE
ROCKET ENGINE 9KS-11000
X-405 ENGINE
RT AIR BREATHING BOOSTERS
BLUE GOOSE MISSILE
∞ BOOSTERS
BURNOUT
DUCTED ROCKET ENGINES
EXPENDABLE STAGES (SPACECRAFT)
F-1 ROCKET ENGINE
HYBRID PROPELLANT ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
MACE MISSILES
NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR ROCKET ENGINES
RECOVERABLE SPACECRAFT
SOLID PROPELLANT ROCKET ENGINES
SPINNING SOLID UPPER STAGE
STAGE SEPARATION
SUSTAINER ROCKET ENGINES
TURBOROCKET ENGINES
TX-354 ENGINE

∞ BOOSTER ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT LAUNCH VEHICLES

∞ BOOSTERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIR BREATHING BOOSTERS
AMPLIFIERS
APOGEE BOOST MOTORS
BOOSTER ROCKET ENGINES
BOOSTERS (EXPLOSIVES)
LAUNCH VEHICLES
SCOUT PROJECT
SPACE SHUTTLE BOOSTERS
TITAN PROJECT

BOOSTERS (EXPLOSIVES)

GS EXPLOSIVE DEVICES
INITIATORS (EXPLOSIVES)
BOOSTERS (EXPLOSIVES)
IGNITERS
INITIATORS (EXPLOSIVES)
BOOSTERS (EXPLOSIVES)
RT ∞ BOOSTERS
EXPLODING WIRES

BOOSTGLIDE VEHICLES

GS GLIDERS
BOOSTGLIDE VEHICLES
X-20 AIRCRAFT
REENTRY VEHICLES
BOOSTGLIDE VEHICLES
X-20 AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASTRO VEHICLE
ASTROPLANE
GLIDING
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
LIFTING REENTRY VEHICLES
MANNED SPACECRAFT
RECOVERABLE SPACECRAFT
ROCKET PLANES
∞ VEHICLES

BOOTS (FOOTWEAR)

GS CLOTHING
BOOTS (FOOTWEAR)
RT SHOES

BORAL
 GS COMPOSITE MATERIALS
 LAMINATES
BORAL
 COMPOSITE STRUCTURES
 LAMINATES
BORAL
 RT ALUMINUM
 BORON CARBIDES
 RADIATION SHIELDING

BORANES
 GS BORON COMPOUNDS
 BORON HYDRIDES
BORANES
 CARBORANE
 HYDRAZINE BORANE
 PENTABORANES
 HYDROGEN COMPOUNDS
 HYDRIDES
 BORON HYDRIDES
BORANES
 CARBORANE
 HYDRAZINE BORANE
 PENTABORANES
 RT BOROHYDRIDES

BORATES
 GS BORON COMPOUNDS
BORATES
 LITHIUM BORATES
 RT BORIC ACIDS
 ∞ OXYGEN COMPOUNDS

BORAZON (TRADEMARK)
 USE BORON NITRIDES

BORDERS
 RT BOUNDARIES
 MARGINS
 RIMS

BORDONI PEAKS
 RT ELASTIC DEFORMATION
 PLASTIC DEFORMATION
 RESONANT FREQUENCIES
 STRESS RELAXATION

BOREDOM
 RT DETACHMENT
 HUMAN BEHAVIOR
 HUMAN REACTIONS
 LETHARGY
 MONOTONY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY
 SPACE FLIGHT STRESS

BOREHOLES
 RT CAVITIES
 CLAYS
 DRILLING
 EXCAVATION
 EXPLORATION
 GEOLOGY
 GRAVELS
 ∞ HOLES
 MINERALS
 PITS (EXCAVATIONS)
 ROCKS
 SHALES
 SOILS

BOREL SETS
 GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 MEASURE AND INTEGRATION
BOREL SETS
 MATHEMATICAL LOGIC
 SET THEORY
BOREL SETS
 RT PROBABILITY THEORY

BORES
 USE CAVITIES

BORESCOPIES
 USE ENDOSCOPES

BORESIGHT ERROR
 GS ERRORS
BORESIGHT ERROR
 RT AIR NAVIGATION
 BORESIGHTS

BORESIGHT ERROR-(CONT)
 DIRECTIONAL ANTENNAS
 DISPLACEMENT
 DISPLACEMENT MEASUREMENT
 ERROR ANALYSIS
 INSTRUMENT ERRORS
 LINE OF SIGHT COMMUNICATION
 NAVIGATION INSTRUMENTS
 OPTICAL TRACKING
 RANGE ERRORS

BORESIGHTS
 RT BORESIGHT ERROR
 DIRECTIONAL ANTENNAS
 OPTICAL TRACKING

BORIC ACIDS
 GS ACIDS
BORIC ACIDS
 BORON COMPOUNDS
BORIC ACIDS
 RT BORATES

BORIDES
 GS BORON COMPOUNDS
BORIDES
 CHROMIUM BORIDES
 TITANIUM BORIDES
 RT INTERMETALLICS

BORING MACHINES
 GS TOOLS
BORING MACHINES
 RT DRILLS
 ∞ MACHINERY

BORN APPROXIMATION
 UF BORN-MAYER EQUATION
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
BORN APPROXIMATION
 RT ∞ EQUATIONS
 QUANTUM MECHANICS
 SCATTERING CROSS SECTIONS

BORN-INFELD THEORY
 RT ELECTRODYNAMICS
 ELECTROSTATICS
 MAXWELL EQUATION
 NONLINEAR EQUATIONS
 ∞ THEORIES

BORN-MAYER EQUATION
 USE BORN APPROXIMATION

BORN-OPPENHEIMER APPROXIMATION
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
BORN-OPPENHEIMER APPROXIMATION
 RT FRANCK-CONDON PRINCIPLE

BOROHYDRIDES
 GS BORON COMPOUNDS
BOROHYDRIDES
 BERYLLIUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 HYDRIDES
BOROHYDRIDES
 ALUMINUM BOROHYDRIDES
 BERYLLIUM BOROHYDRIDES
 RT BORANES
 BORON HYDRIDES

BORON
 GS CHEMICAL ELEMENTS
 METALLOIDS
BORON
 BORON ISOTOPES
 BORON 10
 RT BORON REINFORCED MATERIALS
 BORSIC (TRADENAME)

BORON ALLOYS
 GS ALLOYS
BORON ALLOYS
 RT METALLOIDS

BORON CARBIDES
 GS BORON COMPOUNDS
BORON CARBIDES
 CARBON COMPOUNDS

BORON CARBIDES-(CONT)
 CARBIDES
 RT BORAL

BORON CHLORIDES
 GS BORON COMPOUNDS
BORON CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
BORON CHLORIDES
 HALIDES
 CHLORIDES
BORON CHLORIDES

BORON COMPOUNDS
 GS BORON COMPOUNDS
 ALUMINUM BOROHYDRIDES
 BORATES
 LITHIUM BORATES
 BORIC ACIDS
 BORIDES
 CHROMIUM BORIDES
 TITANIUM BORIDES
 BOROHYDRIDES
 BERYLLIUM BOROHYDRIDES
 BORON CARBIDES
 BORON CHLORIDES
 BORON FLUORIDES
 BORON HYDRIDES
 BERYLLIUM BOROHYDRIDES
 BORANES
 CARBORANE
 HYDRAZINE BORANE
 PENTABORANES
 BORON NITRIDES
 BORON OXIDES
 BORON PHOSPHIDES
 BORON-EPOXY COMPOUNDS
 DIBORANE
 ORGANIC BORON COMPOUNDS
 TOURMALINE
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 HIGH ENERGY FUELS
 METAL FUELS
 METAL PROPELLANTS

BORON FIBERS
 GS FIBERS
 REINFORCING FIBERS
BORON FIBERS
 RT ALUMINUM BORON COMPOSITES
 BORSIC (TRADENAME)
 CARBON FIBERS
 COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER ORIENTATION
 FIBER STRENGTH
 ∞ FILAMENTS
 GLASS FIBERS
 METAL MATRIX COMPOSITES
 POLYMER MATRIX COMPOSITES
 REINFORCED PLASTICS

BORON FLUORIDES
 UF BORON TRIFLUORIDE
 GS BORON COMPOUNDS
BORON FLUORIDES
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
BORON FLUORIDES
 HALIDES
 FLUORIDES
BORON FLUORIDES

BORON HYDRIDES
 GS BORON COMPOUNDS
BORON HYDRIDES
 BERYLLIUM BOROHYDRIDES
 BORANES
 CARBORANE
 HYDRAZINE BORANE
 PENTABORANES
 HYDROGEN COMPOUNDS
 HYDRIDES
BORON HYDRIDES
 ALUMINUM BOROHYDRIDES
 BERYLLIUM BOROHYDRIDES
 BORANES
 CARBORANE
 HYDRAZINE BORANE
 PENTABORANES

BORON ISOTOPES

BORON HYDRIDES-(CONT)
RT BOROHYDRIDES

BORON ISOTOPES
GS CHEMICAL ELEMENTS
METALLOIDS
BORON
BORON ISOTOPES
BORON 10
NUCLIDES
ISOTOPES
BORON ISOTOPES
BORON 10

BORON NITRIDES
UF BORAZON (TRADEMARK)
GS BORON COMPOUNDS
BORON NITRIDES
NITROGEN COMPOUNDS
NITRIDES
BORON NITRIDES

BORON OXIDES
GS BORON COMPOUNDS
BORON OXIDES
CHALCOGENIDES
OXIDES
BORON OXIDES

BORON PHOSPHIDES
GS BORON COMPOUNDS
BORON PHOSPHIDES
PHOSPHORUS COMPOUNDS
PHOSPHIDES
BORON PHOSPHIDES

BORON REINFORCED MATERIALS
GS COMPOSITE MATERIALS
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
RT BORON
CERAMIC MATRIX COMPOSITES
EPOXY RESINS
FIBER COMPOSITES
FIBERS
∞ MATERIALS
PLASTICS
REINFORCED PLASTICS
REINFORCING FIBERS

BORON TRIFLUORIDE
USE BORON FLUORIDES

BORON 10
GS CHEMICAL ELEMENTS
METALLOIDS
BORON
BORON ISOTOPES
BORON 10
NUCLIDES
ISOTOPES
BORON ISOTOPES
BORON 10

BORON-EPOXY COMPOUNDS
GS BORON COMPOUNDS
BORON-EPOXY COMPOUNDS
COMPOSITE MATERIALS
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
EPOXY COMPOUNDS
BORON-EPOXY COMPOUNDS
RT AIRCRAFT STRUCTURES
∞ CHEMICAL COMPOUNDS
COMPOSITE STRUCTURES
EPOXY RESINS
FIBER COMPOSITES
LAMINATES
PLASTIC AIRCRAFT STRUCTURES
SPACECRAFT COMPONENTS
SUPERHYBRID MATERIALS

BOROSILICATE GLASS
UF PYREX (TRADEMARK)
GS GLASS
BOROSILICATE GLASS
RT GLASSWARE
SILICON DIOXIDE

BORSIC (TRADENAME)
GS COMPOSITE MATERIALS
METAL MATRIX COMPOSITES
BORSIC (TRADENAME)
MIXTURES

BORSIC (TRADENAME)-(CONT)
METAL MATRIX COMPOSITES

BORSIC (TRADENAME)
RT ALUMINUM
BORON
BORON FIBERS
FIBER COMPOSITES
∞ MATERIALS
METAL FIBERS
METALS

BOSE GEOMETRY
GS GEOMETRY
BOSE GEOMETRY
RT EQUATIONS OF STATE

BOSE-CHAUDHURI-HOCQUENGHEM CODES
USE BCH CODES

BOSE-EINSTEIN STATISTICS
USE QUANTUM STATISTICS

BOSON FIELDS
RT FIELD THEORY (PHYSICS)
∞ FIELDS
MESONS

BOSONS
GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
LIGHT BEAMS
XI HYPERONS
NUCLEAR PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
XI HYPERONS
RT CHARGED PARTICLES
FERMI-DIRAC STATISTICS
QUANTUM STATISTICS

BOTANY
GS **BOTANY**
GEOBOTANY
RT AGRICULTURE
ALFALFA
BARLEY
BIOGEOCHEMISTRY
∞ BIOLOGY
BLIGHT
BROWN WAVE EFFECT
BRUSH (BOTANY)
CHAPARRAL
CITRUS TREES
CORN
FARM CROPS
FRUITS
GREEN WAVE EFFECT
HABITATS
HAY
LEGUMINOUS PLANTS
NIGELLA
OATS
PLANTS (BOTANY)
∞ SCIENCE
SILVICULTURE
SUGAR BEETS
SUGAR CANE
VEGETATION GROWTH
VINEYARDS
∞ ZOOLOGY

NASA THESAURUS (VOLUME 1)

BOTSWANA
GS NATIONS
BOTSWANA
RT AFRICA
REPUBLIC OF SOUTH AFRICA

BOTTLES
RT ∞ CONTAINERS
FLASKS
GLASSWARE
TANKS (CONTAINERS)

BOUGUER LAW
UF LAMBERT LAW
RT ABSORPTIVITY
BEER LAW
ELECTROMAGNETIC ABSORPTION
LAMBERT SURFACE
THERMOPLASTICITY

BOULES
GS CRYSTALS
BOULES
RT SINGLE CRYSTALS

BOUNDARIES
UF PERIPHERIES
GS **BOUNDARIES**
FLUID BOUNDARIES
GAS-SOLID INTERFACES
JET BOUNDARIES
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
FREE BOUNDARIES
GRAIN BOUNDARIES
RT AIRSPACE
BORDERS
CIRCUMFERENCES
CONTOUR SENSORS
DELINEATION
FENCES (BARRIERS)
INTERFACES
REGIONS

BOUNDARY ELEMENT METHOD
GS STRESS ANALYSIS
BOUNDARY ELEMENT METHOD
RT APERTURES

BOUNDARY INTEGRAL METHOD
GS PROCEDURES
BOUNDARY INTEGRAL METHOD
RT BOUNDARY VALUE PROBLEMS
∞ METHODOLOGY

BOUNDARY LAYER COMBUSTION
GS COMBUSTION
BOUNDARY LAYER COMBUSTION
RT BOUNDARY LAYERS
COMBUSTIBLE FLOW
CONVECTIVE HEAT TRANSFER
DIFFUSION FLAMES
FLAME PROPAGATION
LAMINAR BOUNDARY LAYER

BOUNDARY LAYER CONTROL
UF LAMINAR FLOW CONTROL
GS **BOUNDARY LAYER CONTROL**
POROUS BOUNDARY LAYER CONTROL
RT AERODYNAMICS
AIRFOIL FENCES
∞ BLEEDING
BLOWING
BOUNDARY LAYERS
BUFFETING
CIRCULATION CONTROL AIRFOILS
∞ CONTROL
CONTROL SURFACES
DRAG DEVICES
FLUID AMPLIFIERS
FLUTTER
JET CONTROL
LEADING EDGE SLATS
LIFT AUGMENTATION
LIFT DEVICES
SPOILERS
TURBULENCE
UPPER SURFACE BLOWN FLAPS
VACUUM
VORTEX GENERATORS
WING SLOTS
X-21 AIRCRAFT

BOUNDARY LAYER EQUATIONS

RT BOUNDARY LAYERS
DIFFERENTIAL EQUATIONS
∞ EQUATIONS
FLOW EQUATIONS
FLOW THEORY

BOUNDARY LAYER FLOW

GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
REATTACHED FLOW
SECONDARY FLOW
SEPARATED FLOW
BOUNDARY LAYER SEPARATION
RT ATMOSPHERIC BOUNDARY LAYER
BACKWARD FACING STEPS
BLASIUS EQUATION
CONVECTIVE HEAT TRANSFER
FLOW DISTRIBUTION
LIGHTHILL GAS MODEL
MAGNUS EFFECT
RECIRCULATIVE FLUID FLOW
REYNOLDS NUMBER
STAGNATION FLOW
TOLLMEIN-SCHLICHTING WAVES
WALL FLOW

BOUNDARY LAYER NOISE

USE AERODYNAMIC NOISE
BOUNDARY LAYERS

BOUNDARY LAYER PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
BOUNDARY LAYER PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
BOUNDARY LAYER PLASMAS
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS
BOUNDARY LAYERS
HYPERSONIC REENTRY
PLASMA PHYSICS
PLASMA SHEATHS

BOUNDARY LAYER SEPARATION

UF BREAKAWAY
FLOW SEPARATION
GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
SEPARATED FLOW
BOUNDARY LAYER SEPARATION
RT AERODYNAMIC STALLING
AIRSPEED
ANGLE OF ATTACK
BOUNDARY LAYERS
CROCCO-LEE THEORY
∞ DIFFUSERS
FALKNER SKAN EQUATION
FLOW DISTRIBUTION
INJECTION
KUTTA-JOUKOWSKI CONDITION
LIFT DRAG RATIO
REATTACHED FLOW
RECIRCULATIVE FLUID FLOW
REVERSED FLOW
ROTATING STALLS
∞ SEPARATION
STAGNATION FLOW
∞ STALLING
SWEEP ANGLE
VORTEX GENERATORS
ZERO LIFT

BOUNDARY LAYER STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLOW CHARACTERISTICS
FLOW STABILITY
BOUNDARY LAYER STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
RT AERODYNAMIC STABILITY
BACKWASH

BOUNDARY LAYER STABILITY-(CONT)

BOUNDARY LAYERS
GOERTLER INSTABILITY
REYNOLDS NUMBER

BOUNDARY LAYER TRANSITION

RT AIR CURRENTS
BOUNDARY LAYERS
EKMAN LAYER
GOERTLER INSTABILITY
KNUDSEN FLOW
LAMINAR BOUNDARY LAYER
LAMINAR FLOW
MOLECULAR FLOW
REYNOLDS NUMBER
THREE DIMENSIONAL BOUNDARY LAYER
TOLLMEIN-SCHLICHTING WAVES
∞ TRANSITION
TRANSITION FLOW
∞ TRANSITION LAYERS
TRANSITION POINTS
TURBULENCE
TURBULENT BOUNDARY LAYER
TURBULENT FLOW

BOUNDARY LAYERS

UF BOUNDARY LAYER NOISE
GS BOUNDARY LAYERS
ATMOSPHERIC BOUNDARY LAYER
COMPRESSIBLE BOUNDARY LAYER
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
PLANETARY BOUNDARY LAYER
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER
RT BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER CONTROL
BOUNDARY LAYER EQUATIONS
BOUNDARY LAYER PLASMAS
BOUNDARY LAYER SEPARATION
BOUNDARY LAYER STABILITY
BOUNDARY LAYER TRANSITION
CROCCO METHOD
∞ DRAFT
DRAG
FLUID BOUNDARIES
FLUID FLOW
GAS-SOLID INTERFACES
∞ LAYERS
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
PANEL METHOD (FLUID DYNAMICS)
SHEAR LAYERS
SURFACE LAYERS
WALL PRESSURE

BOUNDARY LUBRICATION

GS LUBRICATION
BOUNDARY LUBRICATION
RT BEARINGS
LUBRICANTS
SQUEEZE FILMS

BOUNDARY VALUE PROBLEMS

UF INITIAL VALUE PROBLEMS
POINT MATCHING METHOD
(MATHEMATICS)
GS BOUNDARY VALUE PROBLEMS
CAUCHY PROBLEM
DIRICHLET PROBLEM
NEUMANN PROBLEM
RT BESSEL FUNCTIONS
BOUNDARY INTEGRAL METHOD
COUNTER ROTATION
CRANK-NICHOLSON METHOD
DIFFERENTIAL EQUATIONS
FINITE ELEMENT METHOD
FINITE VOLUME METHOD
HALF PLANES
HALF SPACES
HANKEL FUNCTIONS
LAME FUNCTIONS
MATHIEU FUNCTION
MINIMAL SURFACES
MONGE-AMPERE EQUATION
OBSERVABILITY (SYSTEMS)
∞ PROBLEMS
SOBOLEV SPACE
THREE DIMENSIONAL BODIES

BOURDON TUBES

GS TRANSDUCERS
PRESSURE SENSORS
BOURDON TUBES
RT PRESSURE GAGES
PRESSURE MEASUREMENT
∞ TUBES

BOUSSINESQ APPROXIMATION

RT CONVECTION
HEAT TRANSFER
INCOMPRESSIBLE FLUIDS
PERTURBATION THEORY
THERMAL EXPANSION

BOW SHOCK WAVES

USE BOW WAVES
SHOCK WAVES

BOW WAVES

UF BOW SHOCK WAVES
RT HYPERSONIC WAVES
MACH CONES
SHOCK WAVES
SURFACE WAVES

BOXES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BENDING
CAMBER
FOREBODIES
HEAVING

BOX BEAMS

GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
BOX BEAMS
RT ∞ BOXES
CANTILEVER BEAMS
GIRDERS
RECTANGULAR BEAMS

BOXES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOX BEAMS
BOXES (CONTAINERS)

BOXES (CONTAINERS)

RT ∞ BOXES
∞ BUCKETS
CASES (CONTAINERS)
∞ CONTAINERS
PACKAGES

BRACKETS

RT ANCHORS (FASTENERS)
FASTENERS
FIXTURES
HOLDERS
MOUNTING

BRADYCARDIA

GS RATES (PER TIME)
HEART RATE
BRADYCARDIA
SIGNS AND SYMPTOMS
BRADYCARDIA
RT HEART DISEASES

BRAGG ANGLE

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
BRAGG ANGLE
RT CRYSTALLOGRAPHY
DIFFRACTION
DIFFRACTION PATHS
ELECTRON DIFFRACTION
ISOTROPY
∞ ORIENTATION
∞ PHYSICAL PROPERTIES
RADIOGRAPHY

BRAGG CURVE

RT BIOLOGICAL EFFECTS
NUCLEAR REACTIONS
PARTICLE INTERACTIONS
RADIATION EFFECTS

BRAILLE

BRAILLE

RT BLINDNESS
EMBOSSING

BRAIN

GS ANATOMY
BRAIN
BRAIN STEM
CEREBELLUM
CEREBRAL CORTEX
CEREBRAL VENTRICLES
CEREBRUM
HIPPOCAMPUS
NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM

BRAIN
BRAIN STEM
CEREBELLUM
CEREBRAL CORTEX
CEREBRAL VENTRICLES
CEREBRUM
HIPPOCAMPUS

RT ANGIOGRAPHY
BRAIN CIRCULATION
BRAIN DAMAGE
CEREBROSPINAL FLUID
DIENTEPHALON
ECHOENCEPHALOGRAPHY
ELECTROENCEPHALOGRAPHY
ENCEPHALITIS
HEAD (ANATOMY)
HYPOTHALAMUS
INTRACRANIAL PRESSURE
NEUROLOGY
PINEAL GLAND
PSYCHIATRY
PSYCHOLOGY
RHEOENCEPHALOGRAPHY
SPINAL CORD
THALAMUS

BRAIN CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
BRAIN CIRCULATION
RT BRAIN
RHEOENCEPHALOGRAPHY

BRAIN DAMAGE

GS INJURIES
BRAIN DAMAGE
RT BRAIN

BRAIN STEM

GS ANATOMY
BRAIN
BRAIN STEM
NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
BRAIN
BRAIN STEM

BRAKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BRAKES (FOR ARRESTING MOTION)
BRAKES (FORMING OR BENDING)

BRAKES (FOR ARRESTING MOTION)

UF DECELERATORS
DRAGULATORS
GS **BRAKES (FOR ARRESTING MOTION)**
AERODYNAMIC BRAKES
BALLUTES
DRAG CHUTES
PARAVULCOONS
SPLIT FLAPS
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
AIRCRAFT BRAKES
SPLIT FLAPS
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
WHEEL BRAKES
RT ABORT APPARATUS
ANTISKID DEVICES
∞ ARRESTERS
ARRESTING GEAR
∞ BRAKES
BRAKING
CYLINDRICAL CHAMBERS
DRAG DEVICES

BRAKES (FOR ARRESTING MOTION)-(CONT)

FLAPS (CONTROL SURFACES)
LANDING GEAR
NOSE WHEELS
PARACHUTES
RETARDERS (DEVICES)
THRUST REVERSAL
TOWED BODIES
VEHICLE WHEELS
WHEELS

BRAKES (FORMING OR BENDING)

RT ∞ BRAKES
METAL WORKING

BRAKING

RT BRAKES (FOR ARRESTING MOTION)
DECELERATION
EDDY CURRENTS
RETARDERS (DEVICES)
RETARDING
THRUST REVERSAL

BRANCHING (MATHEMATICS)

UF BIFURCATION (MATHEMATICS)
RT CHAOS
FUNCTIONS (MATHEMATICS)
∞ LOGIC
MATHEMATICAL LOGIC
SET THEORY
SWITCHING THEORY

BRANCHING (PHYSICS)

RT BIFURCATION (BIOLOGY)
∞ PHYSICS

BRASSES

GS ALLOYS
COPPER ALLOYS
BRASSES

BRAVAIS CRYSTALS

GS CRYSTALS
BRAVAIS CRYSTALS
RT CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTAL STRUCTURE
PACKING DENSITY
SINGLE CRYSTALS

BRAYTON CYCLE

GS CYCLES
THERMODYNAMIC CYCLES
BRAYTON CYCLE
RT GAS TURBINE ENGINES
GAS TURBINES
RANKINE CYCLE

BRAZIL

GS NATIONS
BRAZIL
RT AMAZON REGION (SOUTH AMERICA)
BRAZILIAN SPACE PROGRAM
SOUTH AMERICA

BRAZILIAN SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
BRAZILIAN SPACE PROGRAM
RT BRAZIL

BRAZING

GS WELDING
LASER WELDING
FUSION WELDING
GAS WELDING
BRAZING
LOW TEMPERATURE BRAZING
RT FLUXES
∞ JOINING
METAL BONDING
SEALING
SOLDERING

BRAZZAVILLE

USE CONGO (BRAZZAVILLE)

BREADBOARD MODELS

GS MODELS
BREADBOARD MODELS
RT CIRCUITS
PRINTED CIRCUITS
PRODUCT DEVELOPMENT
PROTOTYPES

NASA THESAURUS (VOLUME 1)

BREAKAWAY

USE BOUNDARY LAYER SEPARATION

BREAKDOWN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CLASSIFICATIONS
ELECTRICAL FAULTS
FAILURE
GAPS
METAL WORKING
SYSTEM FAILURES

BREAKERS (ELECTRIC)

USE CIRCUIT BREAKERS

BREAKING

RT DESTRUCTION
FRAGMENTATION
∞ SEPARATION

BREAKWATERS

UF JETTIES
SEA WALLS
RT CONCRETE STRUCTURES
HARBORS
LITTORAL DRIFT
LITTORAL TRANSPORT
OCEANOGRAPHY
STRUCTURAL DESIGN
∞ STRUCTURES
UNDERWATER ENGINEERING
UNDERWATER STRUCTURES
WATER WAVES
∞ WAVES

BREATHING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARGON-OXYGEN ATMOSPHERES
BREATHING APPARATUS
BREATHING VIBRATION
EMERGENCY BREATHING TECHNIQUES
EXPIRATION
HELIUM-OXYGEN ATMOSPHERES
HIGH ALTITUDE BREATHING
HYPERCAPNIA
HYPERPNEA
OXYGEN BREATHING
RESPIRATION
RESPIRATORY REFLEXES

BREATHING APPARATUS

GS **BREATHING APPARATUS**
OXYGEN MASKS
UNDERWATER BREATHING
APPARATUS
RT ∞ BREATHING
∞ EQUIPMENT
LIFE SUPPORT SYSTEMS
OXYGEN SUPPLY EQUIPMENT
PORTABLE LIFE SUPPORT SYSTEMS
RESPIRATORS

BREATHING VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
BREATHING VIBRATION
RT BENDING VIBRATION
∞ BREATHING
EXHAUSTING
MISSILE VIBRATION
VENTING

BRECCIA

GS ROCKS
BRECCIA
RT ATAXITE
IGNEOUS ROCKS
REGOLITH
SEDIMENTARY ROCKS
SOILS

BREEDER REACTORS

GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
LIGHT WATER BREEDER REACTORS

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BREEDER REACTORS-(CONT)

LIQUID METAL FAST BREEDER
REACTORS
RT ENRICO FERMI ATOMIC POWER PLANT
NUCLEAR POWER REACTORS

BREEDING (REPRODUCTION)

RT FERTILITY
GENETICS
HEREDITY
∞ REPRODUCTION
REPRODUCTION (BIOLOGY)

BREGUET AIRCRAFT

GS **BREGUET AIRCRAFT**
BREGUET 940 AIRCRAFT
BREGUET 941 AIRCRAFT
BREGUET 1150 AIRCRAFT
RT ∞ AIRCRAFT
JAGUAR AIRCRAFT

BREGUET 940 AIRCRAFT

GS BREGUET AIRCRAFT
BREGUET 940 AIRCRAFT
MONOPLANES
BREGUET 940 AIRCRAFT
RESEARCH AIRCRAFT
BREGUET 940 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 940 AIRCRAFT
RT ∞ AIRCRAFT

BREGUET 941 AIRCRAFT

GS BREGUET AIRCRAFT
BREGUET 941 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
BREGUET 941 AIRCRAFT
MONOPLANES
BREGUET 941 AIRCRAFT
PASSENGER AIRCRAFT
BREGUET 941 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
BREGUET 941 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 941 AIRCRAFT
RT ∞ AIRCRAFT

BREGUET 1150 AIRCRAFT

UF ATLANTIC AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
BREGUET 1150 AIRCRAFT
ATTACK AIRCRAFT
BREGUET 1150 AIRCRAFT
BREGUET AIRCRAFT
BREGUET 1150 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
BREGUET 1150 AIRCRAFT
MONOPLANES
BREGUET 1150 AIRCRAFT
OBSERVATION AIRCRAFT
BREGUET 1150 AIRCRAFT
RECONNAISSANCE AIRCRAFT
BREGUET 1150 AIRCRAFT
RT ∞ AIRCRAFT

BREMSSTRAHLUNG

GS ELECTROMAGNETIC RADIATION
BREMSSTRAHLUNG
RT CERENKOV RADIATION
ELECTRON PHOTON CASCADES
ELECTRON RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAY BURSTS
GAMMA RAYS
NUCLEAR RADIATION
RELATIVISTIC PLASMAS
SYNCHROTRON RADIATION
X RAYS

BREWSTER ANGLE

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
BREWSTER ANGLE
RT POLARIZATION CHARACTERISTICS
REFLECTION
REFRACTIVITY

BRICKS

GS MASONRY

BRICKS-(CONT)

BRICKS
RT CEMENTS
CERAMICS
CLAYS
∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)

∞ BRIDGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BRIDGES (LANDFORMS)
BRIDGES (STRUCTURES)
ELECTRIC BRIDGES

BRIDGES (LANDFORMS)

GS LANDFORMS
BRIDGES (LANDFORMS)
RT ∞ BRIDGES
GEOLOGY
∞ RIDGES

BRIDGES (STRUCTURES)

RT ∞ BRIDGES
CONSTRUCTION
CONSTRUCTION INDUSTRY
CROSSINGS
CROSSOVERS
HIGHWAYS
RAMPS (STRUCTURES)
∞ STRUCTURES
TOWERS

BRIDGMAN METHOD

RT CRYSTAL GROWTH
∞ METHODOLOGY
SINGLE CRYSTALS

BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS
SOLAR GRANULATION
RT BISTATIC REFLECTIVITY
BRIGHTNESS DISTRIBUTION
COLOR
DIMMING
EMISSION
FLUX (RATE)
GLARE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
ILLUMINATING
INCANDESCENCE
∞ INTENSITY
LIGHT (VISIBLE RADIATION)
LIMB BRIGHTENING
LUMINANCE
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
LUSTER
RADIANCE
RADIANT FLUX DENSITY
REFLECTANCE
SKY BRIGHTNESS
STELLAR LUMINOSITY
VISIBILITY
VISION

BRIGHTNESS DISCRIMINATION

GS DISCRIMINATION
BRIGHTNESS DISCRIMINATION
RT ∞ ILLUMINATION
VISUAL PERCEPTION

BRIGHTNESS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
BRIGHTNESS DISTRIBUTION
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS DISTRIBUTION
STATISTICAL DISTRIBUTIONS
BRIGHTNESS DISTRIBUTION
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS
BRIGHTNESS TEMPERATURE
∞ DISTRIBUTION
GALACTIC RADIATION
PHOTOGRAPHY
RADIANT FLUX DENSITY
RADIO ASTRONOMY
SOLAR GRANULATION

BRISTOL-SIDDELEY OLYMPUS 593 ENGINE

BRIGHTNESS DISTRIBUTION-(CONT)

STELLAR LUMINOSITY

BRIGHTNESS TEMPERATURE

GS TEMPERATURE
BRIGHTNESS TEMPERATURE
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS DISTRIBUTION
LIMB BRIGHTENING
METEOROLOGY
PHOTOGRAPHY
RADIO ASTRONOMY
TEMPERATURE MEASUREMENT

BRILLOUIN EFFECT

RT ∞ EFFECTS
FREQUENCY SHIFT
LIGHT SCATTERING
MONOCHROMATIC RADIATION

BRILLOUIN FLOW

GS ELECTRIC CURRENT
BRILLOUIN FLOW
RT BEAM CURRENTS
ELECTRON BEAMS
ELECTRON OPTICS
∞ FLOW
TRAVELING WAVE TUBES

BRILLOUIN ZONES

GS REGIONS
BRILLOUIN ZONES
RT BAND STRUCTURE OF SOLIDS
CONDUCTION BANDS
CRYSTAL LATTICES
FERMI SURFACES
FREE ELECTRONS

BRILLOUIN-WIGNER EQUATION

RT ∞ EQUATIONS

BRINES

RT COOLANTS
REFRIGERANTS
SALINITY
SALT BATHS
SALT BEDS
SEA WATER

BRIQUETS

RT BLANKS
PELLETS
TABLETS

BRISTOL-SIDDELEY BS 53 ENGINE

UF PEGASUS ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
**BRISTOL-SIDDELEY BS 53
ENGINE**
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
**BRISTOL-SIDDELEY BS 53
ENGINE**
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
**BRISTOL-SIDDELEY BS 53
ENGINE**
RT P-1127 AIRCRAFT

BRISTOL-SIDDELEY OLYMPUS 593 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
**BRISTOL-SIDDELEY OLYMPUS
593 ENGINE**
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES

BRISTOL-SIDDELEY VIPER ENGINE

BRISTOL-SIDDELEY OLYMPUS 593-(CONT)
BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE

BRISTOL-SIDDELEY VIPER ENGINE
 GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
BRISTOL-SIDDELEY VIPER
ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
BRISTOL-SIDDELEY VIPER
ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
BRISTOL-SIDDELEY VIPER
ENGINE

BRITISH AIRCRAFT CORP AIRCRAFT
 USE BAC AIRCRAFT

BRITISH COLUMBIA
 GS NATIONS
 CANADA
BRITISH COLUMBIA

BRITISH GUINEA
 USE GUYANA

BRITISH HONDURAS
 USE BELIZE

BRITTLE MATERIALS
 RT CLEAVAGE
 CRACKING (FRACTURING)
 EMBRITTLEMENT
 FRACTURE STRENGTH
 GRANULAR MATERIALS
 HARDNESS
 IMPACT STRENGTH
 ∞ MATERIALS
 POROUS MATERIALS

BRITTLENESS
 GS MECHANICAL PROPERTIES
BRITTLENESS
 RT CHARPY IMPACT TEST
 CLEAVAGE
 COLD HARDENING
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 DUCTILITY
 EMBRITTLEMENT
 FRACTOGRAPHY
 FRACTURE STRENGTH
 FRACTURING
 HARDNESS
 IMPACT STRENGTH
 IMPACT TESTS
 NOTCH STRENGTH
 NOTCH TESTS
 TOUGHNESS
 WELDABILITY

BROADBAND
 UF WIDEBAND
 GS BANDWIDTH
BROADBAND
 FREQUENCIES
BROADBAND
 RT ∞ BANDS
 ∞ FREQUENCY RESPONSE
 LOG PERIODIC ANTENNAS
 NARROWBAND
 SPIRAL ANTENNAS

BROADBAND AMPLIFIERS
 GS AMPLIFIERS
BROADBAND AMPLIFIERS

BROADBAND AMPLIFIERS-(CONT)
 RT BANDWIDTH
 FREQUENCIES
 WIDEBAND COMMUNICATION

BROADCASTING
 UF RADIO BROADCASTING
 GS TELECOMMUNICATION
BROADCASTING
 RT COMMUNICATION NETWORKS
 RADIO COMMUNICATION
 RADIO EQUIPMENT
 RADIO SIGNALS
 RADIO TRANSMISSION
 SYMPHONIE SATELLITES
 TRANSMISSION
 VOICE OF AMERICA

BROKEN SYMMETRY
 UF SYMMETRY BREAKING
 GS SYMMETRY
BROKEN SYMMETRY
 RT MATHEMATICAL MODELS
 THEORETICAL PHYSICS

BROMATES
 GS HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
BROMATES
 RT ∞ OXYGEN COMPOUNDS

BROMIDES
 GS HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
BROMIDES
 AMMONIUM BROMIDES
 CESIUM BROMIDES
 CHROMIUM BROMIDES
 DIBROMIDES
 HYDROBROMIC ACID
 HYDROBROMIDES
 MAGNESIUM BROMIDES
 POTASSIUM BROMIDES
 SILVER BROMIDES
 SODIUM BROMIDES
 STRONTIUM BROMIDES
 HALIDES
BROMIDES
 AMMONIUM BROMIDES
 CESIUM BROMIDES
 CHROMIUM BROMIDES
 DIBROMIDES
 HYDROBROMIC ACID
 HYDROBROMIDES
 MAGNESIUM BROMIDES
 POTASSIUM BROMIDES
 SILVER BROMIDES
 SODIUM BROMIDES
 STRONTIUM BROMIDES
 RT SALT BEDS

BROMINATION
 GS CHEMICAL REACTIONS
 HALOGENATION
BROMINATION

BROMINE
 GS CHEMICAL ELEMENTS
 HALOGENS
BROMINE
 BROMINE ISOTOPES

BROMINE COMPOUNDS
 GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
 BROMATES
 BROMIDES
 AMMONIUM BROMIDES
 CESIUM BROMIDES
 CHROMIUM BROMIDES
 DIBROMIDES
 HYDROBROMIC ACID
 HYDROBROMIDES
 MAGNESIUM BROMIDES
 POTASSIUM BROMIDES
 SILVER BROMIDES
 SODIUM BROMIDES
 STRONTIUM BROMIDES
 RT ∞ CHEMICAL COMPOUNDS
 HALOCARBONS

BROMINE ISOTOPES
 UF BROMINE 82
 BROMINE 87
 GS CHEMICAL ELEMENTS

NASA THESAURUS (VOLUME 1)

BROMINE ISOTOPES-(CONT)
 HALOGENS
 BROMINE
BROMINE ISOTOPES
 NUCLIDES
 ISOTOPES
BROMINE ISOTOPES

BROMINE 82
 USE BROMINE ISOTOPES

BROMINE 87
 USE BROMINE ISOTOPES

BRONCHI
 GS ANATOMY
 RESPIRATORY SYSTEM
BRONCHI
 RT LUNGS
 TRACHEA

BRONCHIAL TUBE
 GS ANATOMY
 RESPIRATORY SYSTEM
BRONCHIAL TUBE
 PHARYNX
 TRACHEA
 RT ∞ TUBES

BRONZES
 GS ALLOYS
 COPPER ALLOYS
BRONZES

BROTHS
 RT ∞ FOOD
 NUTRITION

BROWN WAVE EFFECT
 RT ANNUAL VARIATIONS
 BOTANY
 CHLOROPHYLLS
 ∞ EFFECTS
 FOLIAGE
 LEAVES

BROWNIAN MOVEMENTS
 RT COLLOIDS
 DISPERSIONS
 EINSTEIN EQUATIONS
 EMULSIONS
 FOKKER-PLANCK EQUATION
 ∞ MOTION
 ∞ SUSPENSIONS

BRUCETON TEST
 USE STATISTICAL TESTS

BRUCITE
 GS CHALCOGENIDES
 OXIDES
BRUCITE
 MAGNESIUM COMPOUNDS
BRUCITE
 MINERALS
BRUCITE

BRUDERHEIM METEORITE
 GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
BRUDERHEIM METEORITE

BRUNEI
 GS NATIONS
BRUNEI
 RT ASIA

BRUNT-VAISALA FREQUENCY
 GS CONSTRAINTS
 METEOROLOGICAL PARAMETERS
BRUNT-VAISALA FREQUENCY
 FREQUENCIES
BRUNT-VAISALA FREQUENCY
 RT AIR CURRENTS
 AIR FLOW
 AIR MASSES
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC PHYSICS
 ATMOSPHERIC STRATIFICATION
 OSCILLATIONS

NASA THESAURUS (VOLUME 1)

BRUSH (BOTANY)

UF SCRUBS (BOTANY)
GS PLANTS (BOTANY)
BRUSH (BOTANY)
CHAPARRAL
RT BOTANY
DEFOLIATION
EARTH RESOURCES
GUAYULE
HERBICIDES

BRUSHES

GS BRUSHES
BRUSHES (ELECTRICAL CONTACTS)
RT ELECTRIC CONTACTS
ELECTRIC GENERATORS
ELECTRIC MOTORS

BRUSHES (ELECTRICAL CONTACTS)

GS BRUSHES
BRUSHES (ELECTRICAL CONTACTS)
RT ELECTRIC CONTACTS
ELECTRIC GENERATORS
ELECTRIC MOTORS

BRYOPHYTES

GS PLANTS (BOTANY)
BRYOPHYTES

BSX

GS EXPLOSIVES
BSX
RT NITROMETHANE

BUBBLE CHAMBERS

GS IONIZATION CHAMBERS
BUBBLE CHAMBERS
RT CHAMBERS
CLOUD CHAMBERS
ELEMENTARY PARTICLES
PARTICLE TRAJECTORIES
RADIATION COUNTERS
SPARK CHAMBERS

BUBBLE MEMORY DEVICES

GS MAGNETIC STORAGE
BUBBLE MEMORY DEVICES
RT BINARY DATA
COMPUTER COMPONENTS
CORE STORAGE
DATA PROCESSING
DATA RECORDERS
DATA RECORDING
DATA STORAGE
MAGNETIC CORES
MAGNETIC DOMAINS
MAGNETIC RECORDING
MAGNETIC SWITCHING

BUBBLE TECHNIQUE

GS TECHNOLOGIES
BUBBLE TECHNIQUE
RT DATA RECORDERS
ELECTRONIC EQUIPMENT
FLIGHT INSTRUMENTS
INSTRUMENTS
MAGNETIC DOMAINS
ONBOARD EQUIPMENT
RECORDING INSTRUMENTS
SEMICONDUCTOR DEVICES
SOLID STATE DEVICES
SPACECRAFT INSTRUMENTS

BUBBLES

RT AERATION
CAVITATION FLOW
COANDA EFFECT
EFFERVESCENCE
FOAMS
METAL FOAMS
WAKES

BUCCANEER AIRCRAFT

UF B-103 AIRCRAFT
BLACKBURN B-103 AIRCRAFT
GS ATTACK AIRCRAFT
BUCCANEER AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
BUCCANEER AIRCRAFT
JET AIRCRAFT
BUCCANEER AIRCRAFT
MONOPLANES
BUCCANEER AIRCRAFT
RT AIRCRAFT

BUCCANEER AIRCRAFT-(CONT)

HARRIER AIRCRAFT

BUCKET BRIGADE DEVICES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
RT CHARGE COUPLED DEVICES
SEMICONDUCTORS (MATERIALS)

BUCKETS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BOXES (CONTAINERS)
CAPSULES
DRUMS (CONTAINERS)
TRAYS
TURBOMACHINE BLADES

BUCKEYE AIRCRAFT

USE T-2 AIRCRAFT

BUCKLING

GS BUCKLING
CREEP BUCKLING
ELASTIC BUCKLING
EULER BUCKLING
THERMAL BUCKLING
RT BENDING
COLLAPSE
COMPRESSION LOADS
DEFORMATION
DISTORTION
DONNELL EQUATIONS
FAILURE
FAILURE MODES
FLANGE WRINKLING
HEAVING
RIDGES
SHELL STABILITY
STRESSES
STRUCTURAL FAILURE
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TORSION
TWISTING
WARPAGE
WRINKLING

BUDGETING

RT ACCOUNTING
ALLOCATIONS
APPROPRIATIONS
BUDGETS
COST ANALYSIS
COST EFFECTIVENESS
COST ESTIMATES
ECONOMIC FACTORS
ESTIMATING
FINANCIAL MANAGEMENT
FORECASTING
GRANTS
INCOME
MISSION PLANNING
PLANNING
PROCUREMENT MANAGEMENT
PROJECT PLANNING
REVENUE

BUDGETS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BUDGETING
ENERGY BUDGETS
ENGINEERING MANAGEMENT
FEDERAL BUDGETS
FOREIGN POLICY
HEAT BUDGET
PROCUREMENT MANAGEMENT
RESEARCH MANAGEMENT

BUFFALO AIRCRAFT

USE DHC 5 AIRCRAFT

BUFFER STORAGE

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
BUFFER STORAGE
RT BUFFERS
CORE STORAGE

BULK ACOUSTIC WAVE DEVICES

BUFFER STORAGE-(CONT)

DATA STORAGE
STORAGE

BUFFERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BUFFER STORAGE
BUFFERS (CHEMISTRY)

BUFFERS (CHEMISTRY)

RT BUFFERS
CHEMICAL EQUILIBRIUM
NEUTRALIZERS
PH

BUFFETING

RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
BOUNDARY LAYER CONTROL
COMPRESSIBILITY EFFECTS
FLIGHT CHARACTERISTICS
FLUTTER
OSCILLATING FLOW
SHAKING
SPACECRAFT MOTION
SPACECRAFT STABILITY
STROUHAL NUMBER
TURBULENCE EFFECTS
VORTEX AVOIDANCE

BUILDING MATERIALS

USE CONSTRUCTION MATERIALS

BUILDING STRUCTURES

USE BUILDINGS

BUILDINGS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
UF BUILDING STRUCTURES
RT ARCHITECTURE
BASEMENTS
CEILINGS (ARCHITECTURE)
CHIMNEYS
CONSTRUCTION
CONSTRUCTION INDUSTRY
FLOORS
GREENHOUSES
HANGARS
INDOOR AIR POLLUTION
INFLATABLE STRUCTURES
MISSILE SILOS
MUSEUMS
ROOFS
SHELTERS
SOLAR HOUSES
STAIRWAYS
STARSITE PROGRAM
WALLS

BULBS

RT LUMINAIRES
PLANT ROOTS
PRESSURE VESSELS
SYRINGES

BULGARIA

GS NATIONS
BULGARIA
RT BLACK SEA
EUROPE

BULGING

GS METAL WORKING
BULGING
RT DEEP DRAWING
DIMPLING
EXPLOSIVE FORMING
FORGING
HOT WORKING
MAGNETIC FORMING
METAL DRAWING
STRETCH FORMING

BULK ACOUSTIC WAVE DEVICES

UF B-A-W DEVICES
RT DEVICES
SURFACE ACOUSTIC WAVE DEVICES
TRANSDUCERS

BULK MODULUS**BULK MODULUS**

GS MECHANICAL PROPERTIES
BULK MODULUS
RT COMPRESSIBILITY
DENSITY (MASS/VOLUME)

BULKHEADS

GS WALLS
BULKHEADS
RT ∞ BARRIERS
END PLATES
HULLS (STRUCTURES)
PARTITIONS (STRUCTURES)
REINFORCEMENT (STRUCTURES)
THICK WALLS
THIN WALLS

BULLPUP B MISSILE

RT LR-62-RM-2 ENGINE

BULLPUP MISSILES

GS MISSILES
AIR TO SURFACE MISSILES
BULLPUP MISSILES
RT LR-62-RM-2 ENGINE

BUMBLEBEE PROJECT

GS MISSILES
BUMBLEBEE PROJECT
PROGRAMS
PROJECTS
BUMBLEBEE PROJECT
RT TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
TYPHON WEAPON SYSTEM

BUMPERS

RT CUSHIONS
METEOROID PROTECTION
METEOROID
PROTECTORS

BUMPY TORUSES

RT FUSION REACTORS
PLASMA CONTROL
PLASMA HEATING
TOKAMAK DEVICES
TOROIDAL PLASMAS

BUNA (TRADEMARK)

GS RUBBER
SYNTHETIC RUBBERS
BUNA (TRADEMARK)
RT BUTADIENE
STYRENES

BUNCHING

GS **BUNCHING**
ELECTRON BUNCHING
RT QUEUEING THEORY
SPACE CHARGE
VELOCITY MODULATION

BUNDLE DRAWING

RT ∞ DRAWING
METAL DRAWING

BUNDLES

RT ∞ CONTAINERS
PACKAGES
UMBILICAL CONNECTORS
WIRING

BUNKERS (FUEL)

GS TANKS (CONTAINERS)
BUNKERS (FUEL)
RT FUEL SYSTEMS

BUOYANCY

RT ACOUSTIC LEVITATION
AEROSTATICS
BALLAST (MASS)
DENSITY (MASS/VOLUME)
FLOATING
GAS DENSITY
LEVITATION
MECHANICAL PROPERTIES
∞ PHYSICAL PROPERTIES
POROSITY
RAYLEIGH NUMBER
VOIDS

BUOYS

RT BEACONS
COMPASSES
FLOATS
∞ MARKERS
NAVIGATION AIDS
OCEAN DATA ACQUISITIONS SYSTEMS

BUREAUS (ORGANIZATIONS)

GS INSTITUTIONS
BUREAUS (ORGANIZATIONS)
ORGANIZATIONS
FEDERATIONS
BUREAUS (ORGANIZATIONS)
RT PROGRAMS
PROJECTS
TEAMS
UNIVERSITY PROGRAM

BURETTES

GS MEASURING INSTRUMENTS
BURETTES
RT GLASSWARE
PIPETTES
∞ TUBES

BURGER EQUATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
BURGER EQUATION
RT CONTINUUM MECHANICS
∞ EQUATIONS
NAVIER-STOKES EQUATION
SHOCK WAVE PROPAGATION

BURKINA

UF UPPER VOLTA
GS NATIONS
BURKINA
RT AFRICA

BURMA

GS NATIONS
BURMA
RT ASIA

BURN-IN

RT FAILURE
FAILURE ANALYSIS
INTEGRATED CIRCUITS
QUALITY CONTROL

BURNERS

RT AFTERBURNING
CHEMICAL REACTORS
COMBUSTION CHAMBERS
DIFFUSION WELDING
FUEL INJECTION
FURNACES
INCINERATORS
WASTE ENERGY UTILIZATION

BURNING

USE COMBUSTION

BURNING PROCESS

USE COMBUSTION

BURNING RATE

GS RATES (PER TIME)
BURNING RATE
RT BURNOUT
COMBUSTION
COMBUSTION CONTROL
COMBUSTION EFFICIENCY
COMBUSTION STABILITY
EXPLOSIVES
FLAME PROPAGATION
FLAMMABILITY
FUEL CONSUMPTION
FUEL-AIR RATIO
FUELS
PRESSURE DEPENDENCE
PROPELLANT GRAINS
PROPELLANTS
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT ROCKET ENGINES
SOLID ROCKET PROPELLANTS
VELOCITY COUPLING

BURNING TIME

UF FIRING TIME

NASA THESAURUS (VOLUME 1)**BURNING TIME-(CONT)**

GS TIME
BURNING TIME
RT COMBUSTION
COMBUSTION EFFICIENCY
FIRING (IGNITING)
FLIGHT OPTIMIZATION
FLIGHT TIME
ROCKET ENGINES
ROCKET FIRING
TESTING TIME
THRUST
WINDOWS (INTERVALS)

BURNOUT

SN (TERMINATION OF COMBUSTION IN A
ROCKET ENGINE BECAUSE OF
EXHAUSTION OF THE PROPELLANT)
RT BOOSTER ROCKET ENGINES
BURNING RATE
COMBUSTION
∞ CUT-OFF
EROSIVE BURNING
EXTINGUISHING
SOLID PROPELLANT ROCKET ENGINES
THRUST TERMINATION

BURNS (INJURIES)

GS INJURIES
BURNS (INJURIES)
RT CRASH INJURIES
FIRES
LASER DAMAGE
LESIONS
RADIATION INJURIES

BURNTHROUGH (FAILURE)

GS FAILURE
BURNTHROUGH (FAILURE)
RT ABLATION
DAMAGE
MELTING
PERFORATING

BURST TESTS

GS DESTRUCTIVE TESTS
BURST TESTS
RT CONTAINMENT
FAILURE ANALYSIS
FRACTURE MECHANICS
FRACTURE STRENGTH
∞ MATERIALS TESTS
PRESSURE VESSELS

BURSTS

GS **BURSTS**
GAMMA RAY BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT ∞ DISTURBANCES
EMISSION
EXPLOSIONS
FRAGMENTATION
IMPLOSIONS
RUPTURING

BURUNDI

UF RUANDA-URUNDI
GS NATIONS
BURUNDI
RT AFRICA
RWANDA

BUS CONDUCTORS

GS CONDUCTORS
BUS CONDUCTORS
RT ELECTRIC WIRE
FLAT CONDUCTORS
POWER LINES
∞ POWER TRANSMISSION

BUSHINGS

RT BEARINGS
INSERTS
LININGS
SHAFTS (MACHINE ELEMENTS)
SPACERS

BUSINESS MANAGEMENT

USE INDUSTRIAL MANAGEMENT

C

- BUTADIENE**
 UF VINYL ETHYLENE
 GS ALIPHATIC COMPOUNDS
 ALKENES
BUTADIENE
 HYDROCARBONS
 ALKENES
BUTADIENE
 DIENES
BUTADIENE
 RT BUNA (TRADEMARK)
 HYDROCARBON FUELS
 POLYBUTADIENE
- BUTANES**
 UF ISOBUTANE
 GS ALIPHATIC COMPOUNDS
 ALKANES
BUTANES
 HYDROCARBONS
 ALKANES
BUTANES
- BUTENES**
 UF BUTYLENE
 ISOBUTYLENE
 GS ALIPHATIC COMPOUNDS
 ALKENES
BUTENES
 HYDROCARBONS
 ALKENES
BUTENES
- BUTT JOINTS**
 GS JOINTS (JUNCTIONS)
BUTT JOINTS
 RT LAP JOINTS
 METAL JOINTS
 RIVETED JOINTS
 SOLDERED JOINTS
 WELDED JOINTS
- BUTTERFLY VALVES**
 GS VALVES
BUTTERFLY VALVES
 DAMPERS (VALVES)
- BUTTES**
 GS LANDFORMS
 TERRACES (LANDFORMS)
 PLATEAUS
 MESAS
BUTTES
- BUTTONS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT MANUAL CONTROL
- BUTYLENE**
 USE BUTENES
- BUTYLENE OXIDES**
 USE TETRAHYDROFURAN
- BUTYRIC ACID**
 GS ACIDS
BUTYRIC ACID
 RT FERMENTATION
- BY-PRODUCTS**
 RT MATERIALS RECOVERY
 PRODUCTS
 REACTION PRODUCTS
 WASTES
- BYPASS RATIO**
 RT AIR INTAKES
 ENGINE INLETS
 FLOW GEOMETRY
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 INLET FLOW
 INLET NOZZLES
 INTAKE SYSTEMS
 NOSE INLETS
 SIDE INLETS
 SUPERSONIC INLETS
- BYPASSES**
 UF SHUNTS
 RT DIVERTERS
 RELIEF VALVES
- C BAND**
 GS FREQUENCIES
 RADIO FREQUENCIES
 MICROWAVE FREQUENCIES
C BAND
 RT MILLIMETER WAVES
 SUPERHIGH FREQUENCIES
- C-M DIAGRAM**
 USE COLOR-MAGNITUDE DIAGRAM
- C-1A AIRCRAFT**
 UF TRADER AIRCRAFT
 GRUMMAN AIRCRAFT
C-1A AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-1A AIRCRAFT
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT
- C-2 AIRCRAFT**
 UF COD AIRCRAFT
 GRUMMAN AIRCRAFT
C-2 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
C-2 AIRCRAFT
 MONOPLANES
C-2 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-2 AIRCRAFT
 RT ∞ AIRCRAFT
- C-5 AIRCRAFT**
 UF GALAXY AIRCRAFT
 LOCKHEED C-5 AIRCRAFT
 JET AIRCRAFT
C-5 AIRCRAFT
 LOCKHEED AIRCRAFT
C-5 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-5 AIRCRAFT
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES
- C-8A AUGMENTOR WING AIRCRAFT**
 GS JET AIRCRAFT
C-8A AUGMENTOR WING AIRCRAFT
 RESEARCH AIRCRAFT
C-8A AUGMENTOR WING AIRCRAFT
 RT ∞ AIRCRAFT
- C-9 AIRCRAFT**
 GS JET AIRCRAFT
C-9 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-9 AIRCRAFT
 MCDONNELL AIRCRAFT
C-9 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-9 AIRCRAFT
 RT ∞ AIRCRAFT
 EVACUATING (TRANSPORTATION)
- C-15 AIRCRAFT**
 UF YC-15 AIRCRAFT
 GS V/STOL AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
C-15 AIRCRAFT
 RT ∞ AIRCRAFT
- C-33 AIRCRAFT**
 UF BEECH C-33 AIRCRAFT
 DEBONAIR AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 BEECH 99 AIRCRAFT
C-33 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
C-33 AIRCRAFT
 LIGHT AIRCRAFT
 BEECH 99 AIRCRAFT
C-33 AIRCRAFT
 MONOPLANES
C-33 AIRCRAFT
 PASSENGER AIRCRAFT
C-33 AIRCRAFT
 RT ∞ AIRCRAFT
- C-35 AIRCRAFT**
 UF BEECH S-35 AIRCRAFT
 BONANZA AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 BEECH 99 AIRCRAFT
C-35 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
C-35 AIRCRAFT
 LIGHT AIRCRAFT
 BEECH 99 AIRCRAFT
C-35 AIRCRAFT
 MONOPLANES
C-35 AIRCRAFT
 PASSENGER AIRCRAFT
C-35 AIRCRAFT
 RT ∞ AIRCRAFT
- C-46 AIRCRAFT**
 UF COMMANDO AIRCRAFT
 CURTISS C-46 AIRCRAFT
 GS CURTISS-WRIGHT AIRCRAFT
C-46 AIRCRAFT
 MONOPLANES
C-46 AIRCRAFT
 PASSENGER AIRCRAFT
C-46 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-46 AIRCRAFT
 RT ∞ AIRCRAFT
- C-47 AIRCRAFT**
 UF DAKOTA AIRCRAFT
 GS MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-47 AIRCRAFT
 MONOPLANES
C-47 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-47 AIRCRAFT
 RT ∞ AIRCRAFT
- C-54 AIRCRAFT**
 UF R5D AIRCRAFT
 SKYMASTER AIRCRAFT
 GS MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-54 AIRCRAFT
 MONOPLANES
C-54 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-54 AIRCRAFT
 RT ∞ AIRCRAFT
- C-118 AIRCRAFT**
 GS MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-118 AIRCRAFT
 MONOPLANES
C-118 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-118 AIRCRAFT
 RT ∞ AIRCRAFT
- C-119 AIRCRAFT**
 GS FAIRCHILD-HILLER AIRCRAFT
C-119 AIRCRAFT
 JET AIRCRAFT
C-119 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-119 AIRCRAFT
 RT ∞ AIRCRAFT
- C-121 AIRCRAFT**
 UF LOCKHEED CONSTELLATION AIRCRAFT
 R7V AIRCRAFT
 GS LOCKHEED AIRCRAFT
C-121 AIRCRAFT
 MONOPLANES
C-121 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-121 AIRCRAFT
 RT ∞ AIRCRAFT
 EC-121 AIRCRAFT
- C-123 AIRCRAFT**
 UF PROVIDER AIRCRAFT
 YC-123 AIRCRAFT
 GS FAIRCHILD-HILLER AIRCRAFT
C-123 AIRCRAFT

C-124 AIRCRAFT

C-123 AIRCRAFT-(CONT)

MONOPLANES
C-123 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-123 AIRCRAFT
 V/STOL AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
C-123 AIRCRAFT
 RT ∞ AIRCRAFT

C-124 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-124 AIRCRAFT
 MONOPLANES
C-124 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-124 AIRCRAFT
 RT ∞ AIRCRAFT

C-130 AIRCRAFT

UF GC-130 AIRCRAFT
 HERCULES AIRCRAFT
 JC-130 AIRCRAFT
 KC-130 AIRCRAFT
 NC-130 AIRCRAFT
 GS LOCKHEED AIRCRAFT
C-130 AIRCRAFT
 MONOPLANES
C-130 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-130 AIRCRAFT
 RT ∞ AIRCRAFT
 T-56 ENGINE

C-131 AIRCRAFT

UF SAMARITAN AIRCRAFT
 GS GENERAL DYNAMICS AIRCRAFT
C-131 AIRCRAFT
 MONOPLANES
C-131 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-131 AIRCRAFT
 RT ∞ AIRCRAFT

C-133 AIRCRAFT

UF CARGOMASTER AIRCRAFT
 GS JET AIRCRAFT
 TURBOPROP AIRCRAFT
C-133 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 DOUGLAS AIRCRAFT
C-133 AIRCRAFT
 MONOPLANES
C-133 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-133 AIRCRAFT
 RT ∞ AIRCRAFT
 T-34 ENGINE

C-135 AIRCRAFT

UF KC-135 AIRCRAFT
 STRATOTANKER AIRCRAFT
 GS BOEING AIRCRAFT
C-135 AIRCRAFT
 JET AIRCRAFT
C-135 AIRCRAFT
 MONOPLANES
C-135 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-135 AIRCRAFT
 RT ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 ∞ AIRCRAFT
 TURBOFAN AIRCRAFT

C-140 AIRCRAFT

UF JET STAR AIRCRAFT
 GS JET AIRCRAFT
C-140 AIRCRAFT
 LOCKHEED AIRCRAFT
C-140 AIRCRAFT
 MONOPLANES
C-140 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-140 AIRCRAFT
 UTILITY AIRCRAFT
C-140 AIRCRAFT

C-140 AIRCRAFT-(CONT)

RT ∞ AIRCRAFT

C-141 AIRCRAFT

UF KUIPER AIRBORNE OBSERVATORY
 STARLIFTER AIRCRAFT
 GS JET AIRCRAFT
 TURBOFAN AIRCRAFT
C-141 AIRCRAFT
 LOCKHEED AIRCRAFT
C-141 AIRCRAFT
 MONOPLANES
C-141 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-141 AIRCRAFT
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES

C-142 AIRCRAFT

USE XC-142 AIRCRAFT

C-160 AIRCRAFT

UF TRANSALL C-160 AIRCRAFT
 GS HAMBURGER AIRCRAFT
C-160 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
C-160 AIRCRAFT
 MONOPLANES
C-160 AIRCRAFT
 NORD AIRCRAFT
C-160 AIRCRAFT
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
C-160 AIRCRAFT
 RT ∞ AIRCRAFT
 TURBOPROP ENGINES

CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
CABIN ATMOSPHERES
 SPACECRAFT CABIN ATMOSPHERES
 RT AIRCRAFT COMPARTMENTS
 ∞ ATMOSPHERES
 COCKPITS
 ENVIRONMENTAL CONTROL
 OXYGEN SUPPLY EQUIPMENT
 PRESSURIZED CABINS
 SPACE CAPSULES

∞ CABINS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRCRAFT COMPARTMENTS
 COCKPITS
 PRESSURIZED CABINS
 SPACECRAFT CABINS

CABLE FORCE RECORDERS

GS RECORDING INSTRUMENTS
CABLE FORCE RECORDERS
 RT ∞ RECORDERS
 STRAIN GAGES
 TENSIO METERS

∞ CABLES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CABLES (ROPES)
 COAXIAL CABLES
 COMMUNICATION CABLES
 POWER LINES
 SUBMARINE CABLES
 TETHERLINES
 TRANSMISSION LINES

CABLES (ROPES)

RT ∞ BELTS
 ∞ CABLES
 CHAINS
 CORDAGE
 FASTENERS
 REELS
 STRANDS
 TOWING
 WIRE

CAD (DESIGN)

USE COMPUTER AIDED DESIGN

NASA THESAURUS (VOLUME 1)

CADAstral MAPPING

GS MAPPING
CADAstral MAPPING
 RT GEOGRAPHY
 MAPS
 THEMATIC MAPPING

CADMIUM

GS CHEMICAL ELEMENTS
CADMIUM
 CADMIUM ISOTOPES
 METALS
 TRANSITION METALS
CADMIUM
 CADMIUM ISOTOPES

CADMIUM ALLOYS

GS ALLOYS
CADMIUM ALLOYS
 RT BEARING ALLOYS

CADMIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 ANTIMONIDES
CADMIUM ANTIMONIDES
 CADMIUM COMPOUNDS
CADMIUM ANTIMONIDES

CADMIUM CHLORIDES

GS CADMIUM COMPOUNDS
CADMIUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
CADMIUM CHLORIDES
 HALIDES
 CHLORIDES
CADMIUM CHLORIDES
 METAL HALIDES
CADMIUM CHLORIDES

CADMIUM COMPOUNDS

GS **CADMIUM COMPOUNDS**
 CADMIUM ANTIMONIDES
 CADMIUM CHLORIDES
 CADMIUM FLUORIDES
 CADMIUM SELENIDES
 CADMIUM SULFIDES
 CADMIUM TELLURIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 2B COMPOUNDS
 ∞ METAL COMPOUNDS

CADMIUM FLUORIDES

GS CADMIUM COMPOUNDS
CADMIUM FLUORIDES
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
CADMIUM FLUORIDES
 HALIDES
 METAL HALIDES
CADMIUM FLUORIDES

CADMIUM ISOTOPES

UF CADMIUM 114
 GS CHEMICAL ELEMENTS
 CADMIUM
CADMIUM ISOTOPES
 NUCLIDES
 ISOTOPES
CADMIUM ISOTOPES
 METALS
 TRANSITION METALS
 CADMIUM
CADMIUM ISOTOPES

CADMIUM MERCURY TELLURIDES

USE MERCURY CADMIUM TELLURIDES

CADMIUM NICKEL BATTERIES

USE NICKEL CADMIUM BATTERIES

CADMIUM SELENIDES

GS CADMIUM COMPOUNDS
CADMIUM SELENIDES
 CHALCOGENIDES
 SELENIDES
CADMIUM SELENIDES
 SELENIUM COMPOUNDS
 SELENIDES
CADMIUM SELENIDES

CADMIUM SILVER BATTERIES
USE SILVER CADMIUM BATTERIES

CADMIUM SULFIDES
GS CADMIUM COMPOUNDS
CADMIUM SULFIDES
CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
CADMIUM SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
CADMIUM SULFIDES

CADMIUM TELLURIDES
GS CADMIUM COMPOUNDS
CADMIUM TELLURIDES
CHALCOGENIDES
TELLURIDES
CADMIUM TELLURIDES
TELLURIDE COMPOUNDS
TELLURIDES
CADMIUM TELLURIDES

CADMIUM 114
USE CADMIUM ISOTOPES

CAFFEINE
GS DRUGS
STIMULANTS
CAFFEINE
FUNGICIDES
CAFFEINE
HETEROCYCLIC COMPOUNDS
XANTHINES
CAFFEINE
NITROGEN COMPOUNDS
XANTHINES
CAFFEINE
PURINES
XANTHINES
CAFFEINE

CAI
USE COMPUTER ASSISTED INSTRUCTION

CAISSONS
RT CONSTRUCTION
FOUNDATIONS

CAJUN ROCKET VEHICLE
GS ROCKET VEHICLES
SOUNDING ROCKETS
CAJUN ROCKET VEHICLE
RT NIKE-CAJUN ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES
SONDES

CALCIFEROL
UF VITAMIN D
GS VITAMINS
CALCIFEROL

CALCIFICATION
RT ARTHRITIS
BONES

CALCINATION
USE ROASTING

CALCITE
GS CALCIUM COMPOUNDS
CALCIUM CARBONATES
CALCITE
CARBON COMPOUNDS
CARBONATES
CALCIUM CARBONATES
CALCITE
MINERALS
CALCITE
RT ARAGONITE
BIREFRINGENCE

CALCIUM
GS CHEMICAL ELEMENTS
CALCIUM
CALCIUM ISOTOPES
METALS
CALCIUM
RT CALCIUM ISOTOPES
GYPSUM

CALCIUM CARBONATES
GS CALCIUM COMPOUNDS
CALCIUM CARBONATES
AKERMANITE
ARAGONITE
CALCITE
CHALK
CARBON COMPOUNDS
CARBONATES
CALCIUM CARBONATES
AKERMANITE
ARAGONITE
CALCITE
CHALK
RT BONE MINERAL CONTENT
LIMESTONE

CALCIUM CHLORIDES
GS CALCIUM COMPOUNDS
CALCIUM CHLORIDES
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
CALCIUM CHLORIDES
HALIDES
CHLORIDES
CALCIUM CHLORIDES
METAL HALIDES
CALCIUM CHLORIDES

CALCIUM COMPOUNDS
GS **CALCIUM COMPOUNDS**
CALCIUM CARBONATES
AKERMANITE
ARAGONITE
CALCITE
CHALK
CALCIUM CHLORIDES
CALCIUM FLUORIDES
FLUORSPAR
CALCIUM OXIDES
AKERMANITE
CALCIUM PHOSPHATES
CALCIUM SILICATES
GEHLENITE
CALCIUM SULFIDES
CALCIUM TUNGSTATES
CALCIUM VANADATES
FLUORITE
MERWINITE
MONTICELLITE
PEROVSKITES
SCHEELITE
RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

CALCIUM FLUORIDES
GS CALCIUM COMPOUNDS
CALCIUM FLUORIDES
FLUORSPAR
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
METAL FLUORIDES
CALCIUM FLUORIDES
HALIDES
FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
METAL HALIDES
CALCIUM FLUORIDES
FLUORSPAR

CALCIUM ISOTOPES
UF CALCIUM 45
GS CHEMICAL ELEMENTS
CALCIUM
CALCIUM ISOTOPES
NUCLIDES
ISOTOPES
CALCIUM ISOTOPES
METALS
CALCIUM
CALCIUM ISOTOPES

CALCIUM METABOLISM
GS METABOLISM
CALCIUM METABOLISM
RT BED REST
OSTEOPOROSIS

CALCIUM METABOLISM-(CONT)
PARATHYROID GLAND
THYROID GLAND

CALCIUM OXIDES
UF LIME
GS CALCIUM COMPOUNDS
CALCIUM OXIDES
AKERMANITE
CHALCOGENIDES
OXIDES
METAL OXIDES
ALKALINE EARTH OXIDES
CALCIUM OXIDES

CALCIUM PHOSPHATES
UF APATITES
GS CALCIUM COMPOUNDS
CALCIUM PHOSPHATES
PHOSPHORUS COMPOUNDS
PHOSPHATES
CALCIUM PHOSPHATES
RT BONE MINERAL CONTENT

CALCIUM SILICATES
GS CALCIUM COMPOUNDS
CALCIUM SILICATES
GEHLENITE
SILICON COMPOUNDS
SILICATES
CALCIUM SILICATES
GEHLENITE
RT AMPHIBOLES
MINERALS

CALCIUM SULFIDES
GS CALCIUM COMPOUNDS
CALCIUM SULFIDES
CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
CALCIUM SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
CALCIUM SULFIDES

CALCIUM TUNGSTATES
GS CALCIUM COMPOUNDS
CALCIUM TUNGSTATES
TUNGSTEN COMPOUNDS
CALCIUM TUNGSTATES

CALCIUM VANADATES
GS CALCIUM COMPOUNDS
CALCIUM VANADATES
VANADIUM COMPOUNDS
CALCIUM VANADATES

CALCIUM 45
USE CALCIUM ISOTOPES

CALCULATION
USE COMPUTATION

CALCULATORS
RT ARITHMETIC
COMPUTATION
COMPUTERS

CALCULI
UF RENAL CALCULI
GS DEPOSITS
CALCULI
DENTAL CALCULI
RT LITHIASIS
UROLITHIASIS

CALCULUS
SN (MATHEMATICS CONCERNED WITH
LIMITS AND REAL FUNCTIONS)
GS ANALYSIS (MATHEMATICS)
CALCULUS
CONTINUITY (MATHEMATICS)
DIFFERENTIAL CALCULUS
FOURIER-BESSEL TRANSFORMATIONS
GRAEFF CALCULUS
INTEGRAL CALCULUS
LIMITS (MATHEMATICS)
SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
CAMPBELL-HAUSDORFF SERIES
COSINE SERIES
FOURIER SERIES

CALCULUS OF VARIATIONS

CALCULUS-(CONT)

PADE APPROXIMATION
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
PROGRESSIONS
PRONY SERIES
SINE SERIES
VECTOR ANALYSIS
COLLINEARITY
COPLANARITY
CURL (VECTORS)
VORTICITY
RT ANALYTIC GEOMETRY
ASYMPTOTES
DIFFERENTIAL EQUATIONS
FUNCTIONS (MATHEMATICS)
∞ MATHEMATICS
MONOTONE FUNCTIONS
OPERATIONAL CALCULUS
REAL VARIABLES

CALCULUS OF VARIATIONS

UF VARIATION METHOD
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
CALCULUS OF VARIATIONS
RT BIOT METHOD
CASTIGLIANO VARIATIONAL THEOREM
DIFFERENTIAL EQUATIONS
EULER-LAGRANGE EQUATION
INTEGRAL EQUATIONS
INVARIANT IMBEDDINGS
JACOBI MATRIX METHOD
MAXIMA
OPERATIONAL CALCULUS
PONTYAGIN PRINCIPLE
STEEPEST DESCENT METHOD
VARIATIONAL PRINCIPLES

CALDERAS

GS LANDFORMS
CALDERAS
RT CONES (VOLCANOES)
CRATERS
LAVA
MARS VOLCANOES
VOLCANOES
VOLCANOLOGY

CALENDARS

GS CALENDARS
CROP CALENDARS
RT MONTH
SCHEDULING
TIME

CALIBRATING

UF GRADUATION
GS CALIBRATING
WIND TUNNEL CALIBRATION
RT ACCURACY
INSTRUMENT COMPENSATION
INSTRUMENT ERRORS
MEASURING INSTRUMENTS
∞ SCALING
SOLAR CELL CALIBRATION FACILITY
STANDARDIZATION
STANDARDS
TEMPERATURE SCALES

CALIFORNIA

GS NATIONS
UNITED STATES
CALIFORNIA
RT CASCADE RANGE (CA-OR-WA)
COACHELLA VALLEY (CA)
COASTAL RANGES (CA)
DEATH VALLEY (CA)
FEATHER RIVER BASIN (CA)
GREAT BASIN (US)
IMPERIAL VALLEY (CA)
LAKE TAHOE (CA-NV)
MOJAVE DESERT (CA)
MONTEREY BAY (CA)
PALO VERDE VALLEY (CA)
PENINSULAR RANGES (CA)
SACRAMENTO VALLEY (CA)
SALTON SEA (CA)
SAN ANDREAS FAULT
SAN FRANCISCO (CA)
SAN FRANCISCO BAY (CA)
SAN JOAQUIN VALLEY (CA)
SAN PABLO BAY (CA)
SIERRA NEVADA MOUNTAINS (CA)

CALIFORNIA-(CONT)

SOUTHERN CALIFORNIA

CALIFORNIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES

CALIFORNIUM ISOTOPES

UF CALIFORNIUM 252
GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CALIFORNIUM
CALIFORNIUM ISOTOPES

CALIFORNIUM 252

USE CALIFORNIUM ISOTOPES

CALLISTO

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
RT CHARON
GANYMEDE
IO
JUPITER (PLANET)

CALORIC REQUIREMENTS

GS NUTRITIONAL REQUIREMENTS
CALORIC REQUIREMENTS
RT DIETS
∞ FOOD
METABOLISM
MINERAL METABOLISM
∞ NUTRIENTS
NUTRITION

CALORIC STIMULI

RT ∞ STIMULI

CALORIMETERS

UF MICROCALORIMETERS
GS MEASURING INSTRUMENTS
CALORIMETERS
BOMB CALORIMETERS
DROP CALORIMETERS
FLAME CALORIMETERS
RT HEAT MEASUREMENT
HIGH TEMPERATURE TESTS
TEMPERATURE MEASURING
INSTRUMENTS

CALORIMETRY

USE HEAT MEASUREMENT

NASA THESAURUS (VOLUME 1)

CALUTRONS

USE CYCLOTRONS

CALVES

GS ANIMALS
VERTEBRATES
MAMMALS
CATTLE
CALVES
RT LIVESTOCK

CAM (MANUFACTURING)

USE COMPUTER AIDED MANUFACTURING

CAMBER

GS CAMBER
CONICAL CAMBER
WING CAMBER
RT AIRFOILS
BENDING
∞ BOWS
CAMBERED WINGS
CURVATURE
CURVED BEAMS
DEFLECTION
DEFORMATION
DISTORTION
FLEXING
FUSELAGES
LIFT
WARPAGE

CAMBERED WINGS

GS AIRFOILS
WINGS
CAMBERED WINGS
RT CAMBER
FIXED WINGS
TWISTED WINGS
UNCAMBERED WINGS
WING CAMBER

CAMBODIA

UF KAMPUCHEA
GS NATIONS
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RT ASIA

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USE TU-104 AIRCRAFT

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RT CAMERAS
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KERR CELLS
PANORAMIC CAMERAS
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CAMERA TUBES

GS ELECTRON TUBES
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IMAGE DISSECTOR TUBES
ORTHICONS
IMAGE ORTHICONS
VIDICONS
RETURN BEAM VIDICONS
THERMICONS
RT CAMERAS
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IMAGE CONVERTERS
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MONOSCOPES
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TELEVISION CAMERAS
VIDEO EQUIPMENT

CAMERAS

GS OPTICAL EQUIPMENT
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DELFT CAMERA
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I2S CAMERAS
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TELEVISION CAMERAS
RT CAMERA SHUTTERS
CAMERA TUBES
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FOCUSING
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SIM
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CAMPHOR

CAMS

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RT ACTUATORS
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CANADA
ALBERTA
BRITISH COLUMBIA
MANITOBA
NEW BRUNSWICK
NEWFOUNDLAND
NORTHWEST TERRITORIES
NOVA SCOTIA
ONTARIO
PRINCE EDWARD ISLAND
QUEBEC
SASKATCHEWAN
YUKON TERRITORY
RT ANIK 1
ANIK 2
ANIK 3
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CANADIAN SPACE PROGRAM
CANADIAN SPACECRAFT
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INTERNATIONAL HYDROLOGICAL DECADE

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PACIFIC NORTHWEST (US)
ROCKY MOUNTAINS (NORTH AMERICA)
ST LAWRENCE VALLEY (NORTH AMERICA)
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UF CANADAIR CF-104 AIRCRAFT
CF-104 AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
CANADAIR AIRCRAFT
CL-41 AIRCRAFT
CL-44 AIRCRAFT
CL-84 AIRCRAFT
RT ∞ AIRCRAFT

CANADAIR CF-104 AIRCRAFT

USE CANADAIR AIRCRAFT
F-104 AIRCRAFT

CANADAIR CL-41 AIRCRAFT

USE CL-41 AIRCRAFT

CANADAIR CL-44 AIRCRAFT

USE CL-44 AIRCRAFT

CANADAIR CL-84 AIRCRAFT

USE CL-84 AIRCRAFT

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RT GEOLOGY
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CANADIAN SPACE PROGRAM

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ANIK SATELLITES
ANIK 1
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GS **CANADIAN SPACECRAFT**
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ANIK SATELLITES
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TROUGHES
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TANDEM WING AIRCRAFT

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UF ENGLISH ELECTRIC CANBERRA
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GS BAC AIRCRAFT
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JET AIRCRAFT
CANBERRA AIRCRAFT
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RT ∞ AIRCRAFT
B-57 AIRCRAFT

CANBERRA BOMBER

USE B-57 AIRCRAFT

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RT CONTRACTS
ELIMINATION
REMOVAL
STOPPING

CANCELLATION CIRCUITS

GS CIRCUITS
CANCELLATION CIRCUITS
RT DISPLAY DEVICES
MOVING TARGET INDICATORS
PULSE DOPPLER RADAR
RADAR

CANCER

UF CARCINOMA
SARCOMA
GS DISEASES
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
RT BONE MARROW
CARCINOGENS
CELLS (BIOLOGY)
RADIATION THERAPY
TISSUES (BIOLOGY)
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CANISTERS

USE CANS

CANNING

GS FOOD PROCESSING
CANNING
RT ENCAPSULATING
 ∞ FOOD

CANNONBALL 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
CANNONBALL 2 SATELLITE

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USE GUNS (ORDNANCE)

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RT ∞ TUBES

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VECTOR SPACES
MATRICES (MATHEMATICS)
CANONICAL FORMS
RT FIBERS (MATHEMATICS)

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RT AIRCRAFT STRUCTURES
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CANOPIES (VEGETATION)

GS VEGETATION
CANOPIES (VEGETATION)
RT FOLIAGE
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DRUMS (CONTAINERS)

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CANTILEVER BEAMS
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CANTILEVER BEAMS
RT BOX BEAMS
I BEAMS

CANTILEVER MEMBERS

GS **CANTILEVER MEMBERS**
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CANTILEVER PLATES
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CANTILEVER PLATES

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PLATES (STRUCTURAL MEMBERS)
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RT ANISOTROPIC PLATES

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UF COULEES
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RT ARROYOS
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WATER EROSION

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CAPACITANCE SWITCHES
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ELECTRETS
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ELECTRIC ENERGY STORAGE
ELECTRIC FILTERS
ELECTRIC REACTORS
ENERGY STORAGE
GERDIEN CONDENSERS
PARALLEL PLATES
SOLID STATE DEVICES

∞ CAPACITY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CAPACITANCE
CHANNEL CAPACITY
OUTPUT
PRODUCTION ENGINEERING
RISK
VOLUME

CAPE HATTERAS (NC)

GS LANDFORMS
CAPES (LANDFORMS)
CAPE HATTERAS (NC)
RT ATLANTIC OCEAN
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CAPE KENNEDY LAUNCH COMPLEX

GS LAUNCHING BASES
CAPE KENNEDY LAUNCH COMPLEX
RT GROUND SUPPORT EQUIPMENT

CAPE VERDE

GS NATIONS
CAPE VERDE
RT AFRICA
ATLANTIC OCEAN
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CAPES (LANDFORMS)

GS LANDFORMS
CAPES (LANDFORMS)
CAPE HATTERAS (NC)
RT LAND

∞ CAPILLARIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CAPILLARIES (ANATOMY)
CAPILLARY TUBES

CAPILLARIES (ANATOMY)

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
CAPILLARIES (ANATOMY)
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BLOOD VESSELS
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RT BLOOD
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USE CAPILLARY FLOW

CAPILLARY FLOW

UF CAPILLARY CIRCULATION
GS FLUID FLOW
CAPILLARY FLOW
RT BLOOD FLOW
LAMINAR FLOW

NASA THESAURUS (VOLUME 1)

CAPILLARY TUBES

RT ∞ CAPILLARIES
∞ TUBES

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GS ELASTIC WAVES
CAPILLARY WAVES
GRAVITY WAVES
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BAROCLINIC WAVES
RIPPLES
RT INTERFACIAL TENSION
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∞ CAPS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
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NOSE CONES
POLAR CAPS
SEALS (STOPPERS)
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INITIATORS (EXPLOSIVES)
CAPS (EXPLOSIVES)
RT ∞ CAPS
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EXPLODING WIRES
FUSES (ORDNANCE)
PRIMERS (EXPLOSIVES)

∞ CAPSULES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ∞ BUCKETS
∞ CONTAINERS
FUEL CAPSULES
SHELLS (STRUCTURAL FORMS)
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TEST VEHICLES
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USE SPACE CAPSULES

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GS **CAPTIVE TESTS**
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RT ENGINE TESTS
GROUND TESTS
MISSILE TESTS
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PRELAUNCH TESTS
∞ TESTS

CAPTURE CROSS SECTIONS

USE ABSORPTION CROSS SECTIONS

CAPTURE EFFECT

RT ABSORPTANCE
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GS SURFACE VEHICLES
CAPTURED AIR BUBBLE VEHICLES
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RT FREE RADICALS**CARBIDES**
GS CARBON COMPOUNDS
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NIOBIUM CARBIDES
SILICON CARBIDES
TANTALUM CARBIDES
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GS METABOLISM
CARBOHYDRATE METABOLISM
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RT DIABETES MELLITUS
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GS **CARBOHYDRATES**
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CITRIC ACID
FATS
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ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
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FORTISAN (TRADEMARK)
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DEXTRANS
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SOOT**CARBON ARCS**
GS ELECTRIC CURRENT
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ELECTRIC ARCS
CARBON ARCS
RT ARC LAMPS
IMAGE FURNACES**CARBON COMPOUNDS**
GS **CARBON COMPOUNDS**
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BORON CARBIDES
CEMENTITE
CHROMIUM CARBIDES
HAFNIUM CARBIDES
MOLYBDENUM CARBIDES
NIOBIUM CARBIDES
SILICON CARBIDES
TANTALUM CARBIDES
TITANIUM CARBIDES
TUNGSTEN CARBIDES
URANIUM CARBIDES
VANADIUM CARBIDES
ZIRCONIUM CARBIDES
CARBONATES
BASTNASITE
CALCIUM CARBONATES
AKERMANITE
ARAGONITE
CALCITE
CHALK
DOLOMITE (MINERAL)
POLYCARBONATES
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SIDERITES
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TETRAETHYL ORTHOCARBONATES
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∞CHEMICAL COMPOUNDS
∞GROUP 4A COMPOUNDS
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GS CYCLES
CARBON CYCLE
RT ANIMALS
∞BIOLOGY
BIOMASS
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GASES
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GS COMPOSITION (PROPERTY)
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PLASTICS
CARBON FIBER REINFORCED PLASTICS
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CARBON LASERS
RT CHEMICAL LASERS
GAS LASERS
INFRARED LASERS
LIQUID LASERS
ORGANIC LASERS
STIMULATED EMISSION

CARBON MONOXIDE

GS CHALCOGENIDES
OXIDES
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GASES
CARBON MONOXIDE
RT HOPCALITE (TRADEMARK)
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CARBON MONOXIDE LASERS

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CARBON MONOXIDE POISONING
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CARBON MONOXIDE POISONING
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LETHALITY
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S STARS
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SUBGIANT STARS
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CARBON STEELS

GS ALLOYS
IRON ALLOYS
STEELS
CARBON STEELS
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RT HIGH STRENGTH STEELS

CARBON SUBOXIDES

GS CHALCOGENIDES
OXIDES
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GASES
CARBON SUBOXIDES
RT ∞ OXYGEN COMPOUNDS

CARBON TETRACHLORIDE

UF TETRACHLOROMETHANE
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CARBON TETRACHLORIDE
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CHLORIDES
CARBON TETRACHLORIDE
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CARBON TETRACHLORIDE POISONING

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FLUOROHYDROCARBONS
CARBON TETRAFLUORIDE
ORGANIC COMPOUNDS
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CARBON 12

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GS CHEMICAL ELEMENTS
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FRACTURE STRENGTH
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THERMAL RESISTANCE

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GS CELESTIAL BODIES
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CHONDRITES
CARBONACEOUS CHONDRITES
ALLENDE METEORITE
MURCHISON METEORITE
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GS CELESTIAL BODIES
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MURRAY METEORITE
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TONK METEORITE
RT EXOBIOLOGY
METEORITIC COMPOSITION

CARBONACEOUS ROCKS

GS SEDIMENTARY ROCKS
CARBONACEOUS ROCKS

NASA THESAURUS (VOLUME 1)

CARBONACEOUS ROCKS-(CONT)

COAL
LIGNITE
RT CARBONATES
REGOLITH
ROCKS
SHATTER CONES
SOILS

CARBONATES

UF BICARBONATES
GS CARBON COMPOUNDS
CARBONATES
BASTNASITE
CALCIUM CARBONATES
AKERMANITE
ARAGONITE
CALCITE
CHALK
DOLOMITE (MINERAL)
POLYCARBONATES
LEXAN (TRADEMARK)
SIDERITES
SODIUM CARBONATES
TETRAETHYL ORTHOCARBONATES
RT ALKALIES
CARBONACEOUS ROCKS
CARBONIC ACID
∞ OXYGEN COMPOUNDS

CARBONIC ACID

GS ACIDS
CARBONIC ACID
RT CARBONATES

CARBONIC ANHYDRASE

GS ENZYMES
CARBONIC ANHYDRASE
PROTEINS
CARBONIC ANHYDRASE
RT ACETAZOLAMIDE

CARBONIZATION

GS CHEMICAL REACTIONS
CARBONIZATION
RT CHARRING
DECARBONATION

CARBONYL COMPOUNDS

RT ALIPHATIC COMPOUNDS
∞ CHEMICAL COMPOUNDS

CARBORANE

GS BORON COMPOUNDS
BORON HYDRIDES
BORANES
CARBORANE
HYDROGEN COMPOUNDS
HYDRIDES
BORON HYDRIDES
BORANES
CARBORANE

CARBORUNDUM (TRADEMARK)

RT ABRASIVES
REFRACTORY MATERIALS
SILICON CARBIDES

CARBOXYHEMOGLOBIN

GS CELLS (BIOLOGY)
HEMOGLOBIN
CARBOXYHEMOGLOBIN
CIRCULATION
CARBOXYHEMOGLOBIN
ORGANOMETALLIC COMPOUNDS
HEMOGLOBIN
CARBOXYHEMOGLOBIN
PROTEINS
CARBOXYHEMOGLOBIN
RT BLOOD CIRCULATION
CARBON MONOXIDE POISONING
ERYTHROCYTES

CARBOXYHEMOGLOBIN TEST

GS PHYSIOLOGICAL TESTS
CARBOXYHEMOGLOBIN TEST
RT BLOOD
HEMATOLOGY

CARBOXYL GROUP

RT CARBOXYLIC ACIDS

CARBOXYLATES

GS ALIPHATIC COMPOUNDS

CARBOXYLATES-(CONT)

CARBOXYLATES
ESTERS
RT CARBOXYLATES
RT CARBOXYLIC ACIDS

CARBOXYLATION

GS CHEMICAL REACTIONS
CHEMOXYLATION
RT DECARBOXYLATION

CARBOXYLIC ACIDS

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IODOACETIC ACID
ACETYSALICYLIC ACID
BENZILIC ACID
BENZOIC ACID
DICARBOXYLIC ACIDS
TEREPHTHALATE
OLEIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
RT ALIPHATIC COMPOUNDS
CARBOXYL GROUP
CARBOXYLATES

CARBURETORS

UF INJECTION CARBURETORS
RT CHOKES (FUEL SYSTEMS)
CONTACTORS
ENGINE PARTS
ENGINES
FUEL INJECTION
FUEL SYSTEMS
INJECTORS
INTERNAL COMBUSTION ENGINES
JET NOZZLES
MIXERS
PREMIXED FLAMES
THROATS

CARBURIZING

GS HARDENING (MATERIALS)
CARBURIZING
RT DECARBURIZATION

CARCINOGENS

RT CANCER
NEOPLASMS

CARCINOMA

USE CANCER

CARCINOTRONS

GS AMPLIFIERS
CARCINOTRONS
ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
TRAVELING WAVE TUBES
CARCINOTRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
TRAVELING WAVE TUBES
CARCINOTRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
RT HELITRONS

CARDIAC AURICLES

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
CARDIAC AURICLES
RT HIS BUNDLE

CARDIAC VENTRICLES

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART

CARDIAC VENTRICLES-(CONT)

CARDIAC VENTRICLES
RT DIASTOLIC PRESSURE
ECHOCARDIOGRAPHY
HIS BUNDLE
SYSTOLE

CARDIOGRAMS

RT BIOMEDICAL DATA
CARDIOGRAPHY
HEART

CARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
BALLISTOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
MAGNETOCARDIOGRAPHY
PHONOCARDIOGRAPHY
ECHOCARDIOGRAPHY
SEISMOCARDIOGRAPHY
VECTORCARDIOGRAPHY
RT CARDIOGRAMS
CARDIOVASCULAR SYSTEM
HEART
HEART DISEASES
MEDICAL EQUIPMENT
PHYSIOLOGICAL TESTS

CARDIOLOGY

GS RADIOCARDIOLOGY
ANGIOGRAPHY
RT ARTIFICIAL CARDIAC PACEMAKER
HEART
HEART DISEASES
HEART RATE
RADIOCARDIOGRAPHY

CARDIOTACHOMETERS

GS MEDICAL EQUIPMENT
CARDIOTACHOMETERS
RT HEART

CARDIOVASCULAR SYSTEM

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CAPILLARIES (ANATOMY)
GLOMERULUS
VEINS
CORPUSCLES
DIASTOLE
ERYTHROCYTES
RETICULOCYTES
HEART
CARDIAC AURICLES
CARDIAC VENTRICLES
EPICARDIUM
MYOCARDIUM
HEMATOPOIESIS
HEMATOPOIETIC SYSTEM
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
SYSTOLE
THROMBIN
THROMBOPLASTIN
RT ANGIOGRAPHY
BLOOD
BLOOD VOLUME
CARDIOGRAPHY
CAROTID SINUS BODY
CAROTID SINUS REFLEX
CEREBRAL VASCULAR ACCIDENTS
CIRCULATORY SYSTEM
FAT EMBOLISMS
HEMODYNAMICS
HEMORRHAGES
LOWER BODY NEGATIVE PRESSURE
SYSTEMS
VASCULAR SYSTEM

CARDS

GS CARDS
PUNCHED CARDS
RT COMPUTER STORAGE DEVICES
DATA STORAGE

CARET WINGS

GS AIRFOILS
WINGS

CARET WINGS-(CONT)

CARET WINGS
PLANFORMS
CARET WINGS
RT ARROW WINGS
DELTA WINGS

CARETS (TEST SITE)

USE CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE

CARGO

UF FREIGHT
GS CARGO
AIR CARGO
AIR MAIL
BAGGAGE
RT AIR DROP OPERATIONS
AIRDROPS
DELIVERY
FREIGHT COSTS
HARBORS
HAULING
MATERIALS HANDLING
RAILROAD HUMMING TESTS
RAPID TRANSIT SYSTEMS
TRANSPORTATION
TRANSPORTATION ENERGY
TRUCKS

CARGO AIRCRAFT

GS TRANSPORT AIRCRAFT
CARGO AIRCRAFT
BREGUET 941 AIRCRAFT
C-1A AIRCRAFT
C-2 AIRCRAFT
C-5 AIRCRAFT
C-8 AIRCRAFT
C-46 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-119 AIRCRAFT
C-121 AIRCRAFT
C-123 AIRCRAFT
C-124 AIRCRAFT
C-130 AIRCRAFT
C-131 AIRCRAFT
C-133 AIRCRAFT
C-135 AIRCRAFT
C-140 AIRCRAFT
C-141 AIRCRAFT
C-160 AIRCRAFT
CL 44 AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
F-27 AIRCRAFT
P-166 AIRCRAFT
SPANLOADER AIRCRAFT
YC-14 AIRCRAFT
RT AIR CARGO
AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 767 AIRCRAFT
COMMERCIAL AIRCRAFT
HEAVY LIFT HELICOPTERS
JET AIRCRAFT
MATERIALS HANDLING
MERCURE AIRCRAFT
MH-262 AIRCRAFT
MILITARY AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
SC-7 AIRCRAFT
SUPERSONIC TRANSPORTS
T-39 AIRCRAFT
TU-154 AIRCRAFT
UTILITY AIRCRAFT
VC-10 AIRCRAFT

CARGO SHIPS

UF LOTS CARGO SHIPS
GS SURFACE VEHICLES
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
WATER VEHICLES
SHIPS
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
NUCLEAR POWERED SHIPS

CARGO SPACECRAFT

CARGO SHIPS-(CONT)

OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIPYARDS
TANKER TERMINALS
WHARVES

CARGO SPACECRAFT

RT FERRY SPACECRAFT
∞ SPACECRAFT

CARGOMASTER AIRCRAFT

USE C-133 AIRCRAFT

CARIBBEAN REGION

RT BAHAMAS
BARBADOS
BELIZE
CUBA
DEVELOPING NATIONS
DOMINICAN REPUBLIC
FRENCH GUIANA
GUYANA
HAITI
JAMAICA
MARTINIQUE
SURINAM
TRINIDAD AND TOBAGO
VIRGIN ISLANDS
WEST INDIES

CARIBBEAN SEA

GS SEAS
RT BELIZE
CUBA
DOMINICAN REPUBLIC
GULF OF MEXICO
GULF STREAM
HAITI
PANAMA CANAL ZONE
VIRGIN ISLANDS

CARIBOU AIRCRAFT

USE DHC 4 AIRCRAFT

CARIBOUS

GS ANIMALS
VERTEBRATES
MAMMALS
DEER
CARIBOUS

CARNITINE

GS HETEROCYCLIC COMPOUNDS
CARNITINE
VITAMINS
CARNITINE

CARNOT CYCLE

GS CYCLES
THERMODYNAMIC CYCLES
CARNOT CYCLE
RT ADIABATIC CONDITIONS
RANKINE CYCLE
STIRLING CYCLE

CAROTENE

GS HYDROCARBONS
CAROTENE
PIGMENTS
CAROTENE
RT RETINENE
SKIN (ANATOMY)

CAROTID SINUS BODY

RT ARTERIES
BLOOD VESSELS
CARDIOVASCULAR SYSTEM
CAROTID SINUS REFLEX
CHEMORECEPTORS
CIRCULATORY SYSTEM
NERVES
SINUSES
VASCULAR SYSTEM

CAROTID SINUS REFLEX

GS REFLEXES
CAROTID SINUS REFLEX
RT ARTERIES
BLOOD VESSELS
CARDIOVASCULAR SYSTEM
CAROTID SINUS BODY
CIRCULATORY SYSTEM

CAROTID SINUS REFLEX-(CONT)

NERVES
SINUSES
VASCULAR SYSTEM

CARPATHIAN MOUNTAINS (EUROPE)

GS LANDFORMS
MOUNTAINS
CARPATHIAN MOUNTAINS (EUROPE)
RT EUROPE

CARRIAGES

RT CARTS
CHASSIS
DOLLIES
FRAMES
LANDING GEAR
SUPPORTS
UNDERCARRIAGES

CARRIER DENSITY (SOLID STATE)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)
CARRIER DENSITY (SOLID STATE)
RT ACCEPTOR MATERIALS
CARRIER LIFETIME
CARRIER TRANSPORT (SOLID STATE)
∞ CARRIERS
DONOR MATERIALS
ELECTRON-HOLE DROPS
SEMICONDUCTORS (MATERIALS)
ZENER EFFECT

CARRIER FREQUENCIES

GS FREQUENCIES
CARRIER FREQUENCIES
RT CARRIER TO NOISE RATIOS
FREQUENCY DIVISION MULTIPLEXING
HARMONIC GENERATIONS
MODULATION
MULTIPLEXING
RADIO FREQUENCIES
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SWEEP FREQUENCY
UNIFIED S BAND

CARRIER INJECTION

GS INJECTION
CARRIER INJECTION
RT ADDITIVES
BARRITT DIODES
BIPOLAR TRANSISTORS
CARRIER LIFETIME
CHARGE CARRIERS
CHARGE TRANSFER
INJECTION LOCKING
ION INJECTION
MAJORITY CARRIERS
MINORITY CARRIERS
RADIATIVE RECOMBINATION
SEMICONDUCTORS (MATERIALS)
SUHL EFFECT
TRAVELING SOLVENT METHOD

CARRIER LIFETIME

GS LIFE (DURABILITY)
CARRIER LIFETIME
RT CARRIER DENSITY (SOLID STATE)
CARRIER INJECTION
CARRIER MOBILITY
CARRIER TRANSPORT (SOLID STATE)
CHARGE CARRIERS
MINORITY CARRIERS
SOLAR CELLS

CARRIER MOBILITY

GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
MOBILITY
CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
TRANSPORT PROPERTIES
CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
RT CARRIER LIFETIME
ELECTRICAL RESISTIVITY
ELECTROMAGNETIC PROPERTIES

NASA THESAURUS (VOLUME 1)

CARRIER MOBILITY-(CONT)

EXCITONS
HALL EFFECT
ION IMPLANTATION
SUPERCONDUCTORS

CARRIER MODULATION

USE MODULATION

CARRIER ROCKETS

USE LAUNCH VEHICLES

CARRIER SYSTEMS

USE WIRELESS COMMUNICATION

CARRIER TO NOISE RATIOS

RT CARRIER FREQUENCIES
COMMUNICATION SATELLITES
DATA TRANSMISSION
DOWNLINKING
EARTH TERMINALS
FREQUENCY MODULATION
SIGNAL TO NOISE RATIOS
TRANSMISSION EFFICIENCY
UPLINKING

CARRIER TRANSPORT (SOLID STATE)

RT CARRIER DENSITY (SOLID STATE)
CARRIER LIFETIME
ENERGY CONVERSION EFFICIENCY
SOLAR CELLS

CARRIER WAVES

UF SUBCARRIER WAVES
RT MODULATION
RADIO SPECTRA

∞ CARRIERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT CARRIERS
CARRIER DENSITY (SOLID STATE)
CHARGE CARRIERS
ZENER EFFECT

CARRINGTON ROTATION

USE SOLAR ROTATION

CARTAN SPACE

RT COMPRESSIBLE FLOW
FLUID FLOW
POTENTIAL FLOW
∞ SPACE

CARTESIAN COORDINATES

UF CYLINDRICAL COORDINATES
RECTANGULAR COORDINATES
GS COORDINATES
CARTESIAN COORDINATES
GEOMETRY
EUCLIDEAN GEOMETRY
CARTESIAN COORDINATES
RT OBLIQUE COORDINATES

CARTILAGE

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
CARTILAGE
CONNECTIVE TISSUE
CARTILAGE
RT LARYNX

CARTOGRAPHY

USE MAPPING

CARTRIDGE ACTUATED DEVICES

USE ACTUATORS
EXPLOSIVE DEVICES

CARTRIDGES

RT CASES (CONTAINERS)
∞ CONTAINERS
PACKAGES
PROJECTILES
PROPELLANTS

CARTS

RT CARRIAGES
MATERIALS HANDLING
UNDERCARRIAGES

- CASCADE CONTROL**
 UF MULTILOOP SYSTEMS
 GS AUTOMATIC CONTROL
 FEEDBACK CONTROL
CASCADE CONTROL
 RT ∞ CASCADES
 ∞ CONTROL
 ELECTRONIC CONTROL
 REMOTE CONTROL
- CASCADE FLOW**
 GS FLUID FLOW
CASCADE FLOW
 RT ∞ CASCADES
 OUTLET FLOW
 TURBOMACHINE BLADES
- CASCADE RANGE (CA-OR-WA)**
 GS LAND
CASCADE RANGE (CA-OR-WA)
 LANDFORMS
 MOUNTAINS
CASCADE RANGE (CA-OR-WA)
 RT CALIFORNIA
 OREGON
 UNITED STATES
 WASHINGTON
- CASCADE WIND TUNNELS**
 GS TEST FACILITIES
 WIND TUNNELS
 HYPersonic WIND TUNNELS
CASCADE WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
CASCADE WIND TUNNELS
 RT HYPersonic FLOW
 SHOCK TUNNELS
- ∞ **CASCADES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CASCADE CONTROL
 CASCADE FLOW
 CIRCUITS
 COSMIC RAY SHOWERS
 ELECTRON PHOTON CASCADES
- CASCADES (FLUID DYNAMICS)**
 USE FLUID DYNAMICS
- CASCADE MOSFET**
 USE FIELD EFFECT TRANSISTORS
- CASE BONDED PROPELLANTS**
 GS PROPELLANTS
 SOLID PROPELLANTS
CASE BONDED PROPELLANTS
 RT AMMUNITION
 COMPOSITE PROPELLANTS
 EXPLOSIVES
 HYBRID PROPELLANTS
 INHIBITORS
 PLASTICIZERS
 SOLID ROCKET PROPELLANTS
- CASE HISTORIES**
 GS HISTORIES
CASE HISTORIES
 RT ANTHROPOLOGY
 BIOGRAPHY
 CLINICAL MEDICINE
 DOCUMENTATION
 ETIOLOGY
 PHENOMENOLOGY
 RECORDS
 SOCIOLOGY
- CASES (CONTAINERS)**
 GS **CASES (CONTAINERS)**
 ROCKET ENGINE CASES
 RT BOXES (CONTAINERS)
 CARTRIDGES
 ∞ CONTAINERS
 MISSILE BODIES
 PACKAGES
 ∞ SHELVES
- ∞ **CASING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COVERINGS
 ENCLOSURE
- CASING-(CONT)**
 JACKETS
 LININGS
 PIPES (TUBES)
 SHEATHS
- CASKS**
 USE BARRELS (CONTAINERS)
- CASPIAN SEA**
 GS SEAS
CASPIAN SEA
 RT COASTS
- CASSEGRAIN ANTENNAS**
 GS ANTENNAS
CASSEGRAIN ANTENNAS
 RT ANTENNA DESIGN
 GREGORIAN ANTENNAS
 PARABOLIC ANTENNAS
 SUBREFLECTORS
 TWO REFLECTOR ANTENNAS
- CASSEGRAIN OPTICS**
 RT FIBER OPTICS
 GEOMETRICAL OPTICS
 MIRRORS
 ∞ OPTICS
 REFLECTING TELESCOPES
- CASSIOPEIA A**
 GS CELESTIAL BODIES
 NEBULAE
CASSIOPEIA A
 RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A
 RT ORION NEBULA
- CASSIOPEIA CONSTELLATION**
 GS CONSTELLATIONS
CASSIOPEIA CONSTELLATION
- CAST ALLOYS**
 GS ALLOYS
CAST ALLOYS
 RT CASTINGS
 MECHANICAL PROPERTIES
 MICROSTRUCTURE
 RHEOCASTING
- CASTIGLIANO VARIATIONAL THEOREM**
 GS THEOREMS
CASTIGLIANO VARIATIONAL THEOREM
 RT CALCULUS OF VARIATIONS
 ENERGY METHODS
 EULER-LAGRANGE EQUATION
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS
- CASTING**
 GS FORMING TECHNIQUES
CASTING
 CENTRIFUGAL CASTING
 INVESTMENT CASTING
 PROPELLANT CASTING
 RHEOCASTING
 SAND CASTING
 SLIP CASTING
 RT BAKING
 BILLETS
 DIES
 EXTRUDING
 FORGING
 INCLUSIONS
 INGOTS
 LIQUID METALS
 MELTING
 METAL WORKING
 ∞ METALLURGY
 MICROSTRUCTURE
 MOLDING MATERIALS
 MOLDS
 MUSHY ZONES
 PINHOLES
 POLYMERIC FILMS
 POURING
 PULTRUSION
 SHRINKAGE
 SOLIDIFICATION
- CASTING SOLVENTS**
 USE PLASTICIZERS
- CASTINGS**
 GS **CASTINGS**
 INGOTS
 PROPELLANT CASTING
 RT BILLETS
 CAST ALLOYS
 DEFECTS
 DEGASSING
 FLAT PATTERNS
 INCLUSIONS
 MICROSTRUCTURE
 MOLDS
 PINHOLES
 POURING
 RISERS
 SOLIDIFICATION
- CASTOR OIL**
 GS ALIPHATIC COMPOUNDS
CASTOR OIL
 LIPIDS
CASTOR OIL
 OILS
CASTOR OIL
 ORGANIC COMPOUNDS
CASTOR OIL
 RT FATTY ACIDS
- CASTOR 2 ENGINE**
 USE TX-354 ENGINE
- CASTS**
 RT DAMAGE ASSESSMENT
 GAUZE
 PLASTERS
 SPLINTS
- CASUALTIES**
 RT DEATH
 DISASTERS
 EVACUATING (TRANSPORTATION)
- CAT SCANNER**
 USE COMPUTER AIDED TOMOGRAPHY
- CATABOLISM**
 GS METABOLISM
CATABOLISM
 RT PHYSIOLOGY
- CATACLYSMIC VARIABLES**
 GS CELESTIAL BODIES
 STARS
 VARIABLE STARS
CATACLYSMIC VARIABLES
 RT DWARF STARS
 ECLIPSING BINARY STARS
 FLARE STARS
 HOT STARS
 NOVAE
 PERIODIC VARIATIONS
 SOLAR OSCILLATIONS
 STELLAR FLARES
 STELLAR MASS EJECTION
 STELLAR OSCILLATIONS
 WHITE DWARF STARS
- CATALASE**
 GS ENZYMES
CATALASE
 RT CELLS (BIOLOGY)
 PROTEINS
- ∞ **CATALOGS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CATALOGS (PUBLICATIONS)
 HARDWARE UTILIZATION LISTS
 INDEXES (DOCUMENTATION)
 LISTS
- CATALOGS (PUBLICATIONS)**
 GS DOCUMENTS
CATALOGS (PUBLICATIONS)
 ASTRONOMICAL CATALOGS
 RT ∞ CATALOGS
 CATEGORIES
 DOCUMENTATION
 INFORMATION DISSEMINATION
 LIBRARIES
- CATALYSIS**
 GS **CATALYSIS**

CATALYSTS

CATALYSIS-(CONT)

RT ∞ ACCELERATION
ACTIVATION
CATALYTIC ACTIVITY
CRACKING (CHEMICAL ENGINEERING)
FISCHER-TROPSCH PROCESS
REACTION KINETICS

CATALYSTS

GS **CATALYSTS**
ELECTROCATALYSTS
HOPCALITE (TRADEMARK)
ZIEGLER CATALYST
RT ACCELERATING AGENTS
ADDITIVES
ADMIXTURES
COAL DERIVED GASES
COAL DERIVED LIQUIDS
ENZYMES
GRIGNARD REACTIONS
HIGH ENERGY FUELS
INHIBITORS
 ∞ INITIATORS
PLATINUM BLACK
PROPELLANT ADDITIVES
REAGENTS
RETARDANTS

CATALYTIC ACTIVITY

RT ACTIVITY (BIOLOGY)
AUTOCATALYSIS
CATALYSIS
CRACKING (CHEMICAL ENGINEERING)
FISCHER-TROPSCH PROCESS

CATAPULTS

GS LAUNCHERS
CATAPULTS
ROCKET CATAPULTS
RT AIRCRAFT LAUNCHING DEVICES
MISSILE LAUNCHERS
SEA LAUNCHING

CATARACTS

GS DISEASES
EYE DISEASES
CATARACTS
RT LENSES

CATASTROPHE THEORY

RT DISCONTINUITY
DIVERGENCE
PREDICTIONS
 ∞ THEORIES
TOPOLOGY

CATCHERS

RT ELECTRON BUNCHING
KLYSTRONS
OUTPUT

CATCHMENT AREAS

USE WATERSHEDS

CATECHOLAMINE

GS AMINES
CATECHOLAMINE

CATEGORIES

RT CATALOGS (PUBLICATIONS)
CLASSES
 ∞ GROUPS
 ∞ SECTIONS

CATENARIES

GS GEOMETRY
CURVES (GEOMETRY)
CATENARIES
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CATENARIES

CATHETERIZATION

RT BLOOD VESSELS
INTRAVENOUS PROCEDURES

CATHETOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
CATHETOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
CATHETOMETERS

CATHODE GLOW

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
CATHODE GLOW
RT CATHODOLUMINESCENCE
GLOW DISCHARGES
RAREFIED PLASMAS

CATHODE RAY TUBES

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
OSCILLATORS
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
RT DISPLAY DEVICES
ELECTRON GUNS
ELECTRON OPTICS
IMAGE TUBES
MAGNETIC LENSES
OSCILLOSCOPES
PRINTERS
TELEVISION EQUIPMENT
VIDEO EQUIPMENT

CATHODES

GS ELECTRODES
CATHODES
CELL CATHODES
HOLLOW CATHODES
TUBE CATHODES
COLD CATHODES
HOT CATHODES
PHOTOCATHODES
THERMIONIC CATHODES
TUNNEL CATHODES
RT ANODES
COLD CATHODE TUBES
ELECTRODE MATERIALS
ELECTRON EMISSION
 ∞ FILAMENTS
FREQUENCY MODULATION
PHOTOMULTIPLIERS
PHOTOMULTIPLIER TUBES
PHOTOTUBES
THERMIONICS
TUBE ANODES

CATHODIC COATINGS

GS COATINGS
CATHODIC COATINGS
RT ANODIC COATINGS
CLADDING
ELECTRODE MATERIALS
ELECTRODEPOSITION
ELECTROPLATING
METAL OXIDES
OXIDE FILMS
OXIDES
PLATING

CATHODOLUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
CATHODOLUMINESCENCE
RT CATHODE GLOW
EMISSION
LIGHT SOURCES
VISIBLE SPECTRUM

CATHOLYTES

GS CONDUCTORS
ELECTROLYTES
CATHOLYTES
RT ANOLYTES
CELL CATHODES
DIAPHRAGMS (MECHANICS)

CATIONS

GS IONS
CATIONS
METAL IONS
FERRIC IONS
MANGANESE IONS
VANADYL RADICAL
PARTICLES
CHARGED PARTICLES
CATIONS

NASA THESAURUS (VOLUME 1)

CATIONS-(CONT)

METAL IONS
FERRIC IONS
MANGANESE IONS
RT ANIONS
CELL CATHODES
IONIC MOBILITY
POSITIVE IONS

CATS

GS ANIMALS
VERTEBRATES
MAMMALS
CATS

CATT DEVICES

UF CONTROLLED AVALANCHE TRANSIT
TIME DEVICES
RT ELECTRON AVALANCHE
POWER GAIN
TRANSIT TIME
TRIODES

CATTLE

GS ANIMALS
VERTEBRATES
MAMMALS
CATTLE
CALVES
RT GRAZING
LIVESTOCK
RANGELANDS

CAUCASUS MOUNTAINS (U S S R)

GS LANDFORMS
MOUNTAINS
CAUCASUS MOUNTAINS (U S S R)
RT U S S R

CAUCHY INTEGRAL FORMULA

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
CAUCHY INTEGRAL FORMULA

CAUCHY PROBLEM

UF RIEMANN PROBLEM
GS BOUNDARY VALUE PROBLEMS
CAUCHY PROBLEM
RT DIFFERENTIAL EQUATIONS
 ∞ PROBLEMS

CAUCHY-RIEMANN EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
CAUCHY-RIEMANN EQUATIONS
RT ANALYTIC FUNCTIONS
 ∞ EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS

CAULKING

RT MOISTURE RESISTANCE
PLUGGING
SEALING
WATERPROOFING

CAUSES

RT ∞ EFFECTS
ETIOLOGY
 ∞ ORIGINS
 ∞ SOURCES

CAUSTIC LINES

RT FLIGHT PATHS
SHOCK WAVES
SONIC BOOMS
SUPERSONIC FLIGHT
WAVE FRONTS

CAUSTICS

USE ALKALIES

CAUSTICS (OPTICS)

RT DIFFRACTION
FRACTURE MECHANICS
 ∞ OPTICS
POLARIZED RADIATION
 ∞ RAYS
SURFACE DEFECTS

CAVES

RT CAVITIES
KARST
KETTLES (GEOLOGY)

NASA THESAURUS (VOLUME 1)

CDC 7000 SERIES COMPUTERS

CAVES-(CONT)

UNDERGROUND STRUCTURES

CAVITATION

USE CAVITATION FLOW

CAVITATION CORROSION

GS CORROSION
CAVITATION CORROSION

CAVITATION FLOW

UF CAVITATION
GASEOUS CAVITATION
GS FLUID FLOW
TURBULENT FLOW
CAVITATION FLOW
RT BUBBLES
EROSION
FLOW DISTRIBUTION
IMPINGEMENT
SEPARATED FLOW
SUPERCAVITATING FLOW
ULTRASONIC CLEANING
VORTICES
WAKES
WATER

CAVITIES

UF BORES
RT APERTURES
BOREHOLES
CAVES
∞ CELLS
CRACK GEOMETRY
CRACKS
DEFECTS
DUCTS
GAS POCKETS
HOLE DISTRIBUTION (MECHANICS)
∞ HOLES
∞ HOLLOW
INTERSTICES
KARST
KETTLES (GEOLOGY)
LEAKAGE
OPENINGS
ORIFICES
OUTLETS
PASSAGEWAYS
PERFORATED PLATES
PERFORATED SHELLS
∞ PERFORATION
PORTS (OPENINGS)
RECESSES
TOOTH DISEASES
VENTS
VOIDS

CAVITONS

RT ELECTRIC FIELDS
PLASMA DENSITY
PLASMA PHYSICS
PLASMA RESONANCE

CAVITY RESONATORS

UF RESONANT CAVITIES
GS RESONATORS
CAVITY RESONATORS
RT CIRCULATORS (PHASE SHIFT CIRCUITS)
CYCLOTRON RESONANCE DEVICES
ELECTRON TUBES
HELMHOLTZ RESONATORS
KLYSTRONS
MAGNETRONS
MICROWAVE RESONANCE
MULTIMODE RESONATORS
OSCILLATORS
RESONANT FREQUENCIES
TRAVELING WAVE MASERS
VELOCITY MODULATION

CAVITY VAPOR GENERATORS

RT ∞ GENERATORS
VAPORIZERS
VAPORS

CAYS

USE KEYS (ISLANDS)

CC-106 AIRCRAFT

USE CL-44 AIRCRAFT

CCD

USE CHARGE COUPLED DEVICES

CCD STAR TRACKER

UF STELLAR (STAR TRACKER)
GS TRACKING (POSITION)
STAR TRACKERS
CCD STAR TRACKER
RT CELESTIAL NAVIGATION
CHARGE COUPLED DEVICES
SPACECRAFT GUIDANCE

CDC COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
RT DIGITAL COMPUTERS

CDC CYBER 74 COMPUTER

UF CYBER 74 COMPUTER
GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 74 COMPUTER

CDC CYBER 170 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS

CDC CYBER 174 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 174 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 174 COMPUTER

CDC CYBER 175 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER

CDC CYBER 203 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 203 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 203 COMPUTER

CDC CYBER 205 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 205 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 205 COMPUTER

CDC STAR 100 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC STAR 100 COMPUTER
DIGITAL COMPUTERS
CDC STAR 100 COMPUTER

CDC 160-A COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 160-A COMPUTER
DIGITAL COMPUTERS
CDC 160-A COMPUTER

CDC 1604 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 1604 COMPUTER
DIGITAL COMPUTERS
CDC 1604 COMPUTER

CDC 3100 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3100 COMPUTER
DIGITAL COMPUTERS
CDC 3100 COMPUTER

CDC 3200 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3200 COMPUTER
DIGITAL COMPUTERS
CDC 3200 COMPUTER

CDC 3600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3600 COMPUTER
DIGITAL COMPUTERS
CDC 3600 COMPUTER

CDC 3800 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3800 COMPUTER
DIGITAL COMPUTERS
CDC 3800 COMPUTER

CDC 6000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER

CDC 6400 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER

CDC 6600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6600 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6600 COMPUTER

CDC 6700 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6700 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6700 COMPUTER

CDC 7000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT

CDC 7600 COMPUTER

CDC 7000 SERIES COMPUTERS-(CONT)

COMPUTERS
CDC COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
DIGITAL COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER

CDC 7600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
DIGITAL COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER

CDC 8090 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 8090 COMPUTER
DIGITAL COMPUTERS
CDC 8090 COMPUTER

CDMA

USE CODE DIVISION MULTIPLE ACCESS

CEDAR RAPIDS (IA)

GS CITIES
CEDAR RAPIDS (IA)
RT IOWA

CEFOAM CHECKOUT EQUIPMENT

RT CHECKOUT
∞ TEST EQUIPMENT

CEILING (AIRCRAFT CAPABILITY)

RT ∞ AIRCRAFT
AIRCRAFT SPECIFICATIONS
∞ CEILINGS
FLIGHT ALTITUDE
FLIGHT CHARACTERISTICS

∞ CEILINGS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CEILING (AIRCRAFT CAPABILITY)
CEILINGS (ARCHITECTURE)
CEILINGS (METEOROLOGY)

CEILINGS (ARCHITECTURE)

RT ∞ BUILDINGS
∞ CEILINGS
∞ DIFFUSERS
FLOORS
INSULATION
PANELS
REFLECTORS

CEILINGS (METEOROLOGY)

RT AIRCRAFT LANDING
∞ CEILINGS
CLOUD HEIGHT INDICATORS
METEOROLOGICAL PARAMETERS
METEOROLOGY
VISIBILITY

CEILOMETERS

USE CLOUD HEIGHT INDICATORS

CELESCOPES

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CELESCOPES
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
CELESCOPES
MIRRORS
CELESCOPES
OPTICAL EQUIPMENT
IMAGE CONVERTERS
CELESCOPES
TELESCOPES
CELESCOPES
RT ASTRONOMICAL TELESCOPES
SOLAR INSTRUMENTS

CELESTIAL BODIES

GS CELESTIAL BODIES
A STARS
ASTEROID BELTS
ASTEROIDS
AMOR ASTEROID
AMPHITRITE ASTEROID
APOLLO ASTEROIDS
CERES ASTEROID
CHIRON
ICARUS ASTEROID
TORO ASTEROID
VESTA ASTEROID
BL LACERTAE OBJECTS
COMETS
AREND-ROLAND COMET
COMET HEADS
COMET NUCLEI
COMET TAILS
ENCKE COMET
GIACOBINI-ZINNER COMET
GRIGG-SKJELLERUP COMET
HALLEY'S COMET
HUMASON COMET
IRAS-ARAKI-ALCOCK COMET
KOHOUTEK COMET
MOREHOUSE COMET
MRKOS COMET
SCHWASSMANN-WACHMANN COMET
TEMPEL 2 COMET
WEST COMET
GALAXIES
DISK GALAXIES
DWARF GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
ANDROMEDA GALAXIES
VIRGO GALACTIC CLUSTER
MAFFEI GALAXIES
RADIO GALAXIES
SEYFERT GALAXIES
SPIRAL GALAXIES
BARRED GALAXIES
MILKY WAY GALAXY
GLOBULAR CLUSTERS
HORIZONTAL BRANCH STARS
METEORITES
HARLETON METEORITE
IRON METEORITES
AROS METEORITE
ODESSA METEORITE
SIKHOTE-LIN METEORITE
LAZAREV METEORITE
MICROMETEORITES
OKHANSK METEORITE
STONY METEORITES
ACHONDRITES
BONDRO METEORITE
KAPOETA ACHONDRITE
NORTON COUNTY ACHONDRITE
CHONDRITES
BRUDERHEIM METEORITE
CARBONACEOUS CHONDRITES
ALLENDE METEORITE
MURCHISON METEORITE
CARBONACEOUS METEORITES
ALAI METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITIS CHONDRITE
PANTAR CHONDRITES
PRIBRAM METEORITE
TEKTITES
AUSTRALITES
BEDIASITES
TUNGUSK METEORITE
METEOROID SHOWERS
AQUARID METEORIDS
ARIETID METEORIDS
CYRILLID METEORIDS
DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
TAURID METEORIDS
METEORIDS
AQUARID METEORIDS
ARIETID METEORIDS
BOLIDES
CYRILLID METEORIDS

NASA THESAURUS (VOLUME 1)

CELESTIAL BODIES-(CONT)

DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
MICROMETEORIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
RADIO METEORS
SPORADIC METEORIDS
TAURID METEORIDS
NATURAL SATELLITES
CHARON
DEIMOS
IAPETUS
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
MOON
RHEA (ASTRONOMY)
TITAN
TRITON
URANUS SATELLITES
NEBULAE
CASSIOPEIA A
CRAB NEBULA
GUM NEBULA
ORION NEBULA
PLANETARY NEBULAE
REFLECTION NEBULAE
PHOBOS
PLANETARY RINGS
JUPITER RINGS
SATURN RINGS
URANUS RINGS
PLANETS
EXTRASOLAR PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
URANUS SATELLITES
PLUTO (PLANET)
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)
VENUS (PLANET)
PROTOPLANETS
RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A
EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
QUASARS
RADIO STARS
PULSARS
SOLAR SYSTEM
HALLEY'S COMET
STAR CLUSTERS
PRAESEPE STAR CLUSTERS
VIRGO GALACTIC CLUSTER
STARS
COOL STARS
DOUBLE STARS
BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
DWARF NOVAE
DWARF STARS
DWARF NOVAE
FLARE STARS
RED DWARF STARS
SUBDWARF STARS
WHITE DWARF STARS
EARLY STARS
PROTOSTARS
T TAURI STARS
EXTARS
HERBIG-HARO OBJECTS
HOT STARS
B STARS
BLUE STARS
SYMBIOTIC STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
INFRARED STARS
LAMBDA TAURI STARS
LATE STARS

CELESTIAL BODIES-(CONT)

M STARS
FLARE STARS
MAGNETIC STARS
MAIN SEQUENCE STARS
PRE-MAIN SEQUENCE STARS
METALLIC STARS
NEUTRON STARS
PULSARS
OMICRON CETI STAR
PECULIAR STARS
SYMBIOTIC STARS
PRAESEPE STAR CLUSTERS
RADIO STARS
PULSARS
REFERENCE STARS
S STARS
GIANT STARS
RED GIANT STARS
CARBON STARS
SIGMA ORIONIS
SUBGIANT STARS
SUN
SUPERGIANT STARS
SUPERMASSIVE STARS
VAN BIESBROECK STAR
VARIABLE STARS
CATACLYSMIC VARIABLES
CEPHEID VARIABLES
NOVAE
DWARF NOVAE
HERCULES NOVA
SUPERNOVAE
SYMBIOTIC STARS
T TAURI STARS
WHITE HOLES (ASTRONOMY)
ZETA AURIGAE STAR

RT ARIES CONSTELLATION
ASTEROID CAPTURE
ASTRODYNAMICS
ASTROLABES
ASTRONOMICAL OBSERVATORIES
ASTRONOMY
ASTROPHYSICS
∞ BODIES
CENTAURUS CONSTELLATION
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
GRAVITATIONAL WAVES
IMPACT SELTS
INTERSTELLAR MATTER
LYRA CONSTELLATION
ORBITS
SPACE FLIGHT
UNIVERSE

CELESTIAL GEODESY

SN (DETERMINATION OF THE FORM OF THE EARTH, OF THE EARTH'S GRAVITATIONAL FIELD, AND OF RELATIVE POSITIONS OF SATELLITE TRAJECTORIES)
GS GEODESY
CELESTIAL GEODESY
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEODETIC SATELLITES
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE
INTERNATIONAL SATELLITE GEODESY EXPERIMENT
TIME

CELESTIAL MECHANICS

GS CLASSICAL MECHANICS
SPACE MECHANICS
CELESTIAL MECHANICS
RT ASTRODYNAMICS
ASTRONOMY
ASTROPHYSICS
EPHEMERIDES
EQUATIONS OF MOTION
FOUR BODY PROBLEM
GRAVITATIONAL WAVES
HYPERBOLIC TRAJECTORIES
LAGRANGIAN EQUILIBRIUM POINTS
LONG TERM EFFECTS
MANY BODY PROBLEM
∞ MECHANICS (PHYSICS)
ORBITAL MECHANICS
ORBITS
PERTURBATION THEORY
PLANETS
ROCHE LIMIT

CELESTIAL MECHANICS-(CONT)

SCHACH EFFECT
SOLAR SYSTEM
STARS
STELLAR ORBITS
SUN
TERRESTRIAL PLANETS
THREE BODY PROBLEM
TRAJECTORY ANALYSIS
TROJAN ORBITS
TWO BODY PROBLEM
WOLF-RAYET STARS

CELESTIAL NAVIGATION

GS NAVIGATION
CELESTIAL NAVIGATION
ASTROGUIDE NAVIGATION SYSTEM
ASTRONAVIGATION
RT AIR NAVIGATION
AUTONOMOUS NAVIGATION
CCD STAR TRACKER
INERTIAL NAVIGATION
INJECTION GUIDANCE
INTERPLANETARY NAVIGATION
POLAR NAVIGATION
RADAR NAVIGATION
RADIO NAVIGATION
REFERENCE STARS
SOLAR POSITION
SPACE NAVIGATION
SPACECRAFT GUIDANCE
STAR TRACKERS
SURFACE NAVIGATION

CELESTIAL OBSERVATION

USE ASTRONOMY

CELESTIAL REFERENCE SYSTEMS

RT AIR NAVIGATION
ASTRONOMICAL COORDINATES
ASTRONOMICAL MAPS
AZIMUTH
COORDINATES
GEOCENTRIC COORDINATES
INERTIAL REFERENCE SYSTEMS
INTERPLANETARY NAVIGATION
INTERSTELLAR TRAVEL
PLANETOCENTRIC COORDINATES
∞ REFERENCE SYSTEMS
SOLAR LONGITUDE
SPHERICAL COORDINATES
∞ SYSTEMS

CELESTIAL SPHERE

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
RT ARIES CONSTELLATION
ASTRONOMICAL MAPS
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
HORIZON
LYRA CONSTELLATION
ORBITAL POSITION ESTIMATION
PLANISPHERES
ZENITH

CELL ANODES

GS ELECTRODES
ANODES
CELL ANODES
RT ANIONS
ANOLYTES
CELL CATHODES
ELECTRODE MATERIALS

CELL CATHODES

GS ELECTRODES
CATHODES
CELL CATHODES
RT CATHOLYTES
CATIONS
CELL ANODES
ELECTRODE MATERIALS
ELECTRODEPOSITION

CELL DIVISION

RT ∞ DIVISION
∞ REPRODUCTION

CELLOPHANE

RT CELLULOSE

CELLOPHANE-(CONT)

∞ POLYMERS

∞ CELLS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ACTIVATION (BIOLOGY)
CAVITIES
CELLS (BIOLOGY)
COMPARTMENTS
CORES
ELECTROCHEMICAL CELLS
ELECTROLYTIC CELLS
FILLERS
FUEL CELLS
GEOPHYSICAL FLUID FLOW CELLS
HEXAGONAL CELLS
HONEYCOMB STRUCTURES
KERR CELLS
LITHIUM SULFUR BATTERIES
PARTICLE IN CELL TECHNIQUE
PHOTOCONDUCTIVE CELLS
PHOTOELECTRIC CELLS
PHOTOVOLTAIC CELLS
POROUS MATERIALS
RESOLUTION CELL
SOLAR CELLS
TISSUES (BIOLOGY)
TOPOLOGY

CELLS (BIOLOGY)

UF BIOLOGICAL CELLS
GS CELLS (BIOLOGY)
AXONS
CHROMOSOMES
CORPUSCLES
ERYTHROCYTES
RETICULOCYTES
FIBROBLASTS
COLLAGENS
GAMETOCYTES
HEMATOPOIESIS
HEMOCYTES
HEMOGLOBIN
CARBOXYHEMOGLOBIN
OXYHEMOGLOBIN
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
MACROPHAGES
MITOCHONDRIA
NEUROBLASTS
NEURONS
PROTOPLASTS
RT ∞ BIOLOGY
CANCER
CATALASE
∞ CELLS
CHLOROPHYLLS
CHLOROPLASTS
CYTOGENESIS
CYTOLOGY
ENDOTHELIUM
GANGLIA
HISTOCHEMICAL ANALYSIS
KREBS CYCLE
MITOSIS
MUTAGENS
MUTATIONS
NEUROGLIA
NEUROTRANSMITTERS
∞ NUCLEI
PLASMOLYSIS
TISSUES (BIOLOGY)

CELLULAR MATERIALS (NON BIOLOGICAL)

USE FOAMS

CELLULOSE

GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
CARBOHYDRATES
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
RT CELLOPHANE
LIGNIN
MASONITE (TRADEMARK)
SYNTHETIC FOOD
TENITE
WOOD

CELLULOSE NITRATE

CELLULOSE NITRATE

UF NITROCELLULOSE
PYROXYLIN
GS ESTERS
ORGANIC NITRATES
CELLULOSE NITRATE
EXPLOSIVES
CELLULOSE NITRATE
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
CELLULOSE NITRATE
RT DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS

CEMENTATION

RT ADHESIVE BONDING
AGGLOMERATION
AGGLUTINATION
BONDING
HEATING
PRECIPITATION (CHEMISTRY)

CEMENTITE

GS CARBON COMPOUNDS
CARBIDES
CEMENTITE
RT IRON ALLOYS
MICROSTRUCTURE
PEARLITE
STEELS

CEMENTS

RT ADHESIVES
BINDERS (MATERIALS)
BRICKS
CONCRETES
∞ CONSTRUCTION MATERIALS
GROUT
MASONRY
MORTARS (MATERIAL)
SEALING

CEMS SYSTEM

USE CENTRAL ELECTRONIC MANAGEMENT
SYSTEM

CENSORED DATA (MATHEMATICS)

GS DATA PROCESSING
CENSORED DATA (MATHEMATICS)
RT APPROXIMATION
∞ DATA
ERROR ANALYSIS
PROBABILITY DENSITY FUNCTIONS
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

CENSUS

RT ANIMALS
DEMOGRAPHY
HUMAN BEINGS
∞ STATISTICS
URBAN PLANNING

CENTAUR LAUNCH VEHICLE

UF CENTAUR VEHICLE
GS LAUNCH VEHICLES
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
ROCKET VEHICLES
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES
SATURN PROJECT
TITAN CENTAUR LAUNCH VEHICLE

CENTAUR PROJECT

GS PROGRAMS
NASA PROGRAMS
CENTAUR PROJECT
NASA SPACE PROGRAMS
CENTAUR PROJECT
PROJECTS
CENTAUR PROJECT
RT ATLAS CENTAUR LAUNCH VEHICLE
LAUNCH VEHICLES
MARINER PROGRAM
RL-10 ENGINES
SURVEYOR PROJECT

CENTAUR VEHICLE

USE CENTAUR LAUNCH VEHICLE

CENTAURUS CONSTELLATION

GS CONSTELLATIONS
CENTAURUS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CENTER OF GRAVITY

UF BARYCENTER
RT CENTER OF MASS
∞ CENTERS
CENTROIDS
GRAVITATIONAL FIELDS
LUNAR ROTATION
MASS
MOMENTS OF INERTIA

CENTER OF MASS

GS MASS
CENTER OF MASS
RT CENTER OF GRAVITY
MASCONS
WEIGHT (MASS)

CENTER OF PRESSURE

RT ∞ CENTERS
HYDROSTATIC PRESSURE
MOMENTS OF INERTIA
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE HEADS

CENTERBODIES

GS AIRCRAFT STRUCTURES
CENTERBODIES
RT AFTERBODIES
∞ BODIES
CYLINDRICAL BODIES
FOREBODIES
FUSELAGES

∞ CENTERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CENTER OF GRAVITY
CENTER OF PRESSURE
COLOR CENTERS
CONCENTRICITY
FOCI
LOCI
WORLD DATA CENTERS

CENTIMETER WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
RT COSMIC NOISE
EXTRATERRESTRIAL RADIO WAVES
MICROWAVE FREQUENCIES
SUPERHIGH FREQUENCIES

CENTRAL AFRICAN REPUBLIC

GS NATIONS
CENTRAL AFRICAN REPUBLIC
RT AFRICA

CENTRAL AMERICA

RT BELIZE
COSTA RICA
EL SALVADOR
GUATEMALA
HONDURAS
NICARAGUA
NORTH AMERICA
PANAMA
PANAMA CANAL ZONE'
REGIONS
SOUTH AMERICA

CENTRAL ATLANTIC REGION (US)

GS REGIONS
CENTRAL ATLANTIC REGION (US)
RT UNITED STATES

CENTRAL ATLANTIC REGIONAL ECOL TEST SITE

SN (CENTRAL ATLANTIC REGIONAL
ECOLOGICAL TEST SITE)
UF CARETS (TEST SITE)

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CENTRAL ATLANTIC REGIONAL ECOL-(CONT)

GS SITES
**CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE**
TEST FACILITIES
**CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE**
RT ECOLOGY

CENTRAL ELECTRONIC MANAGEMENT SYSTEM

UF CEMS SYSTEM
GS DATA PROCESSING
**CENTRAL ELECTRONIC MANAGEMENT
SYSTEM**
RT MANAGEMENT
∞ SYSTEMS

CENTRAL EUROPE

RT AUSTRIA
CONTINENTS
CZECHOSLOVAKIA
EAST GERMANY
EUROPE
HUNGARY
POLAND
ROMANIA
WEST GERMANY

CENTRAL NERVOUS SYSTEM

GS NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
BRAIN
BRAIN STEM
CEREBELLUM
CEREBRAL CORTEX
CEREBRAL VENTRICLES
CEREBRUM
HIPPOCAMPUS
SPINAL CORD
SPINE
THALAMUS
RT BLOOD-BRAIN BARRIER
PSYCHOPHARMACOLOGY
PSYCHOTROPIC DRUGS
∞ SYSTEMS

CENTRAL NERVOUS SYSTEM DEPRESSANTS

GS DEPRESSANTS
**CENTRAL NERVOUS SYSTEM
DEPRESSANTS**
DRUGS
**CENTRAL NERVOUS SYSTEM
DEPRESSANTS**
MARIJUANA
RT AMOBBARBITAL
PSYCHOPHARMACOLOGY
∞ SYSTEMS
TRANQUILIZERS

CENTRAL NERVOUS SYSTEM STIMULANTS

GS DRUGS
STIMULANTS
**CENTRAL NERVOUS SYSTEM
STIMULANTS**
RT AMPHETAMINES
PSYCHOPHARMACOLOGY
∞ SYSTEMS

CENTRAL PIEDMONT (US)

GS LANDFORMS
TERRACES (LANDFORMS)
PLATEAUS
PIEDMONTS
CENTRAL PIEDMONT (US)
RT MOUNTAINS

CENTRAL PROCESSING UNITS

UF PROCESSORS (COMPUTERS)
GS **CENTRAL PROCESSING UNITS**
ARITHMETIC AND LOGIC UNITS
RT COMPUTER COMPONENTS
COMPUTER STORAGE DEVICES
COMPUTERS
CONTROL UNITS (COMPUTERS)
LOGIC CIRCUITS
REGISTERS (COMPUTERS)

CENTRIFUGAL CASTING

GS FORMING TECHNIQUES
CASTING
CENTRIFUGAL CASTING
RT INVESTMENT CASTING

NASA THESAURUS (VOLUME 1)

CENTRIFUGAL COMPRESSORS
 GS COMPRESSORS
 CENTRIFUGAL COMPRESSORS
 TURBOMACHINERY
 CENTRIFUGAL COMPRESSORS
 RT BLOWERS
 COMPRESSOR BLADES
 COMPRESSOR ROTORS
 IMPELLERS
 PUMP IMPELLERS
 PUMPS
 RADIAL FLOW
 ROTORS
 SUPERCHARGERS
 TURBOCOMPRESSORS

CENTRIFUGAL FORCE
 RT ANGULAR ACCELERATION
 CENTRIFUGES
 CENTRIPETAL FORCE
 ∞ FORCE
 GOERTLER INSTABILITY

CENTRIFUGAL PUMPS
 GS PUMPS
 CENTRIFUGAL PUMPS
 TURBOMACHINERY
 CENTRIFUGAL PUMPS
 RT AXIAL FLOW PUMPS
 FUEL PUMPS
 IMPELLERS
 PUMP IMPELLERS
 TURBINE PUMPS
 TURBOCOMPRESSORS

CENTRIFUGES
 UF CYCLONES (EQUIPMENT)
 GS **CENTRIFUGES**
 HUMAN CENTRIFUGES
 RT CENTRIFUGAL FORCE
 CENTRIFUGING
 CENTRIPETAL FORCE
 CLASSIFIERS
 CONCENTRATORS
 EXTRACTION
 FLIGHT SIMULATORS
 FLUID FILTERS
 HIGH GRAVITY ENVIRONMENTS
 SEPARATORS
 SPACE SIMULATORS
 ∞ TEST EQUIPMENT
 TRAINING SIMULATORS

CENTRIFUGING
 RT CENTRIFUGES
 CONCENTRATING
 EXTRACTION
 MATERIALS RECOVERY
 ∞ SEPARATION
 SWIRLING

CENTRIFUGING STRESS
 GS INVERSIONS
 CENTRIFUGING STRESS
 STRESS (PHYSIOLOGY)
 ACCELERATION STRESSES
 (PHYSIOLOGY)
 RT **CENTRIFUGING STRESS**
 ACCELERATION TOLERANCE
 GRAVITATIONAL PHYSIOLOGY

CENTRIPETAL FORCE
 RT ANGULAR ACCELERATION
 CENTRIFUGAL FORCE
 CENTRIFUGES
 ∞ FORCE
 REVOLVING

CENTROIDS
 RT CENTER OF GRAVITY
 MOMENTS OF INERTIA

CENTURION AIRCRAFT
 USE CESSNA 210 AIRCRAFT

CEPHALAGIA
 USE HEADACHE

CEPHALOPODS
 GS ANIMALS
 INVERTEBRATES
 ARTHROPODS
 CEPHALOPODS
 MOLLUSKS

CEPHALOPODS-(CONT)
 OCTOPUSES
 SNAILS

CEPHEID VARIABLES
 GS CELESTIAL BODIES
 STARS
 VARIABLE STARS
 CEPHEID VARIABLES
 RT CEPHEUS CONSTELLATION

CEPHEUS CONSTELLATION
 GS CONSTELLATIONS
 CEPHEUS CONSTELLATION
 RT CEPHEID VARIABLES

CEPSTRA
 GS SPECTRA
 POWER SPECTRA
 CEPSTRA
 RT QUEFRENCIES

CEPSTRAL ANALYSIS
 GS SPECTRUM ANALYSIS
 CEPSTRAL ANALYSIS
 RT ACOUSTIC MEASUREMENT
 AUDIO FREQUENCIES
 ECHOES
 MULTIPATH TRANSMISSION
 POWER SPECTRA
 SIGNAL REFLECTION
 SIGNATURE ANALYSIS
 SPECTRAL SIGNATURES
 SPEECH RECOGNITION
 TIME LAG
 VIBRATION MEASUREMENT

CERAMAL PROTECTIVE COATINGS
 USE CERMETS
 PROTECTIVE COATINGS

CERAMALS
 USE CERMETS

CERAMIC BONDING
 GS BONDING
 CERAMIC BONDING
 RT CERAMIC MATRIX COMPOSITES
 CERAMICS

CERAMIC COATINGS
 SN (COATINGS CONSISTING OF CERAMIC
 MATERIALS)
 GS COATINGS
 INORGANIC COATINGS
 CERAMIC COATINGS
 PROTECTIVE COATINGS
 CERAMIC COATINGS
 RT FINISHES
 METAL COATINGS
 PORCELAIN
 SPRAYED COATINGS
 VACUUM DEPOSITION

CERAMIC HONEYCOMBS
 RT CERAMIC MATRIX COMPOSITES
 HONEYCOMB CORES
 HONEYCOMB STRUCTURES

CERAMIC MATRIX COMPOSITES
 GS COMPOSITE MATERIALS
 CERAMIC MATRIX COMPOSITES
 RT AIRCRAFT CONSTRUCTION MATERIALS
 BORON REINFORCED MATERIALS
 CERAMIC BONDING
 CERAMIC HONEYCOMBS
 CERAMICS
 CERMETS
 COMPOSITE STRUCTURES
 MATRIX MATERIALS
 REINFORCING FIBERS
 SILICON NITRIDES
 TITANIUM CARBIDES
 TITANIUM NITRIDES

CERAMIC NUCLEAR FUELS
 GS CERAMICS
 CERAMIC NUCLEAR FUELS
 FUELS
 NUCLEAR FUELS
 CERAMIC NUCLEAR FUELS
 RT CARBIDES
 CERMETS
 NITRIDES

CERENKOV COUNTERS

CERAMIC NUCLEAR FUELS-(CONT)
 PLUTONIUM COMPOUNDS
 PLUTONIUM OXIDES
 SOL-GEL PROCESSES
 THORIUM COMPOUNDS
 URANIUM CARBIDES
 URANIUM COMPOUNDS
 URANIUM OXIDES

CERAMICS
 GS **CERAMICS**
 CERAMIC NUCLEAR FUELS
 PORCELAIN
 PYROCERAM (TRADEMARK)
 RT ABRASIVES
 BAKELITE (TRADEMARK)
 BRICKS
 CERAMIC BONDING
 CERAMIC MATRIX COMPOSITES
 CERMETS
 CLAYS
 DIELECTRICS
 FRIT
 GLASS
 GLAZES
 INJECTION MOLDING
 MASONRY
 ∞ MATERIALS SCIENCE
 MORTARS (MATERIAL)
 PYROLYTIC MATERIALS
 REACTION BONDING
 REFRACTORIES
 REFRACTORY COATINGS
 REFRACTORY MATERIALS
 SIALON
 SILICON DIOXIDE
 TILES
 VITRIFICATION

CEREBELLUM
 GS ANATOMY
 BRAIN
 CEREBELLUM
 NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 BRAIN
 CEREBELLUM

CEREBRAL CORTEX
 GS ANATOMY
 BRAIN
 CEREBRAL CORTEX
 NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 BRAIN
 CEREBRAL CORTEX
 RT ∞ CORTEXES
 HYPOTHALAMUS

CEREBRAL VASCULAR ACCIDENTS
 RT CARDIOVASCULAR SYSTEM
 ∞ STROKES

CEREBRAL VENTRICLES
 GS ANATOMY
 BRAIN
 CEREBRAL VENTRICLES
 NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 BRAIN
 CEREBRAL VENTRICLES
 RT CEREBROSPINAL FLUID

CEREBROSPINAL FLUID
 GS BODY FLUIDS
 CEREBROSPINAL FLUID
 RT BRAIN
 CEREBRAL VENTRICLES
 ∞ FLUIDS

CEREBRUM
 GS ANATOMY
 BRAIN
 CEREBRUM
 MUSCULOSKELETAL SYSTEM
 BONES
 CEREBRUM
 NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 BRAIN
 CEREBRUM

CERENKOV COUNTERS
 GS MEASURING INSTRUMENTS
 COUNTERS

CERENKOV EFFECT

CERENKOV COUNTERS-(CONT)

RADIATION COUNTERS
CERENKOV COUNTERS
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
CERENKOV COUNTERS
 RT SCINTILLATION COUNTERS

CERENKOV EFFECT

USE CERENKOV RADIATION

CERENKOV RADIATION

UF CERENKOV EFFECT
 GS ELECTROMAGNETIC RADIATION
CERENKOV RADIATION
 RT BREMSSTRAHLUNG
 CORPUSCULAR RADIATION
 COSMIC RAYS
 ∞ EFFECTS
 GAMMA RAY BURSTS
 GAMMA RAYS
 LIGHT (VISIBLE RADIATION)
 NUCLEAR RADIATION
 ∞ RADIATION
 ULTRAVIOLET RADIATION

CERES ASTEROID

GS CELESTIAL BODIES
 ASTEROID BELTS
 ASTEROIDS
CERES ASTEROID

CERESIN

GS ALIPHATIC COMPOUNDS
 ALKANES
 PARAFFINS
CERESIN
 HYDROCARBONS
 ALKANES
 PARAFFINS
CERESIN
 WAXES
CERESIN
 RT PHASE CHANGE MATERIALS

CERIUM

GS CHEMICAL ELEMENTS
 RARE EARTH ELEMENTS
CERIUM
 CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 METALS
 RARE EARTH ELEMENTS
CERIUM
 CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144

CERIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
CERIUM COMPOUNDS
 BASTNASITE
 CERIUM OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

CERIUM ISOTOPES

GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 RARE EARTH ELEMENTS
 CERIUM
CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 METALS
 RARE EARTH ELEMENTS
 CERIUM
CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144

CERIUM OXIDES

GS RARE EARTH COMPOUNDS
 CERIUM COMPOUNDS
CERIUM OXIDES

CERIUM 137

GS CHEMICAL ELEMENTS
 NUCLIDES

CERIUM 137-(CONT)

ISOTOPES
 CERIUM ISOTOPES
CERIUM 137
 RADIOACTIVE ISOTOPES
CERIUM 137
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
CERIUM 137
 METALS
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
CERIUM 137

CERIUM 144

GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 CERIUM ISOTOPES
CERIUM 144
 RADIOACTIVE ISOTOPES
CERIUM 144
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
CERIUM 144
 METALS
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
CERIUM 144

CERMETS

UF CERAMAL PROTECTIVE COATINGS
 CERAMALS
 GS COMPOSITE MATERIALS
CERMETS
 RT CERAMIC MATRIX COMPOSITES
 CERAMIC NUCLEAR FUELS
 CERAMICS
 HEAT RESISTANT ALLOYS
 POWDER METALLURGY
 REFRACTORIES
 REFRACTORY MATERIALS

CERTIFICATION

RT AIRCRAFT RELIABILITY
 CHECKOUT
 EVALUATION
 FLIGHT TESTS
 PERFORMANCE TESTS
 PHYSIOLOGICAL TESTS
 PSYCHOLOGICAL TESTS
 QUALIFICATIONS
 QUALITY CONTROL
 SELECTION
 SITE SELECTION
 TRAINING EVALUATION

CESIUM

GS CHEMICAL ELEMENTS
 ALKALI METALS
CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 METALS
 ALKALI METALS
CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 RT CESIUM ALLOYS
 CESIUM ANTIMONIDES
 CESIUM BROMIDES
 CESIUM DIODES
 CESIUM ENGINES
 CESIUM FLUORIDES
 CESIUM HALIDES
 CESIUM HYDRIDES
 CESIUM IODIDES
 CESIUM IONS
 CESIUM PLASMA
 CESIUM VAPOR

CESIUM ALLOYS

GS ALLOYS

NASA THESAURUS (VOLUME 1)

CESIUM ALLOYS-(CONT)

RT CESIUM ALLOYS
 ALKALI METALS
 CESIUM

CESIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 ANTIMONIDES
CESIUM ANTIMONIDES
 CESIUM COMPOUNDS
CESIUM ANTIMONIDES
 RT CESIUM

CESIUM BROMIDES

GS CESIUM COMPOUNDS
 CESIUM HALIDES
CESIUM BROMIDES
 HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
 BROMIDES
CESIUM BROMIDES
 HALIDES
 BROMIDES
CESIUM BROMIDES
 METAL HALIDES
 ALKALI HALIDES
 CESIUM HALIDES
CESIUM BROMIDES
 RT CESIUM

CESIUM COMPOUNDS

GS CESIUM COMPOUNDS
 CESIUM ANTIMONIDES
 CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 CESIUM HYDRIDES
 CESIUM OXIDES
 RT ∞ ALKALI METAL COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
 METAL FUELS

CESIUM DIODES

GS ELECTRONIC EQUIPMENT
 DIODES
CESIUM DIODES
 RT CESIUM
 PLASMA DIODES
 THERMIONIC CONVERTERS

CESIUM ENGINES

GS ENGINES
 ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ION ENGINES
CESIUM ENGINES
 RT CESIUM
 ELECTROSTATIC ENGINES

CESIUM FLUORIDES

GS CESIUM COMPOUNDS
 CESIUM HALIDES
CESIUM FLUORIDES
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
CESIUM FLUORIDES
 HALIDES
 METAL HALIDES
 ALKALI HALIDES
 CESIUM HALIDES
CESIUM FLUORIDES
 RT CESIUM

CESIUM HALIDES

GS CESIUM COMPOUNDS
CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 HALOGEN COMPOUNDS
 HALIDES
 METAL HALIDES
 ALKALI HALIDES
CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 RT CESIUM

CESIUM HYDRIDES

GS CESIUM COMPOUNDS

CESIUM HYDRIDES-(CONT)

CESIUM HYDRIDES
HYDROGEN COMPOUNDS
HYDRIDES
METAL HYDRIDES
CESIUM HYDRIDES

RT CESIUM

CESIUM IODIDES

GS **CESIUM COMPOUNDS**
CESIUM HALIDES
CESIUM IODIDES
HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
ALKALI HALIDES
CESIUM HALIDES
CESIUM IODIDES
IODINE COMPOUNDS
IODIDES
CESIUM IODIDES

RT CESIUM

CESIUM IONS

GS **IONS**
CESIUM IONS

RT CESIUM

CESIUM ISOTOPES

GS **CHEMICAL ELEMENTS**
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
NUCLIDES
ISOTOPES
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144

CESIUM OXIDES

GS **CESIUM COMPOUNDS**
CESIUM OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
CESIUM OXIDES

CESIUM PLASMA

GS **GASES**
IONIZED GASES
CHARGED PARTICLES
METALLIC PLASMAS
CESIUM PLASMA
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
METALLIC PLASMAS
CESIUM PLASMA

RT CESIUM

THERMIONIC CONVERTERS

CESIUM VAPOR

GS **CHEMICAL ELEMENTS**
ALKALI METALS
CESIUM
CESIUM VAPOR
NUCLIDES
ISOTOPES
CESIUM VAPOR
METALS
ALKALI METALS
CESIUM
CESIUM VAPOR
VAPORS
CESIUM VAPOR

RT CESIUM

MERCURY VAPOR

CESIUM 133GS **CHEMICAL ELEMENTS****CESIUM 133-(CONT)**

ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
NUCLIDES
ISOTOPES
CESIUM ISOTOPES
CESIUM 133
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133

CESIUM 134

GS **CHEMICAL ELEMENTS**
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 134
NUCLIDES
ISOTOPES
CESIUM ISOTOPES
CESIUM 134
RADIOACTIVE ISOTOPES
CESIUM 134
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 134

CESIUM 137

GS **CHEMICAL ELEMENTS**
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 137
NUCLIDES
ISOTOPES
CESIUM ISOTOPES
CESIUM 137
RADIOACTIVE ISOTOPES
CESIUM 137
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 137

CESIUM 144

GS **CHEMICAL ELEMENTS**
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 144
NUCLIDES
ISOTOPES
CESIUM ISOTOPES
CESIUM 144
RADIOACTIVE ISOTOPES
CESIUM 144
METALS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 144

CESSNA AIRCRAFT

GS **CESSNA AIRCRAFT**
A-37 AIRCRAFT
CESSNA L 19 AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 210 AIRCRAFT
CESSNA 402B AIRCRAFT
T-37 AIRCRAFT

RT ∞ AIRCRAFT

CESSNA L-19 AIRCRAFT

GS **CESSNA AIRCRAFT**
CESSNA L-19 AIRCRAFT
LIGHT AIRCRAFT
CESSNA L-19 AIRCRAFT
MONOPLANES
CESSNA L-19 AIRCRAFT
OBSERVATION AIRCRAFT
CESSNA L-19 AIRCRAFT
RECONNAISSANCE AIRCRAFT
CESSNA L-19 AIRCRAFT

RT ∞ AIRCRAFT

CESSNA MILITARY AIRCRAFTUSE **MILITARY AIRCRAFT****CESSNA 172 AIRCRAFT**

GS **CESSNA AIRCRAFT**
CESSNA 172 AIRCRAFT
GENERAL AVIATION AIRCRAFT
CESSNA 172 AIRCRAFT
LIGHT AIRCRAFT
CESSNA 172 AIRCRAFT
MONOPLANES
CESSNA 172 AIRCRAFT
PASSENGER AIRCRAFT
CESSNA 172 AIRCRAFT

RT ∞ AIRCRAFT

CESSNA 205 AIRCRAFT

GS **CESSNA AIRCRAFT**
CESSNA 205 AIRCRAFT
GENERAL AVIATION AIRCRAFT
CESSNA 205 AIRCRAFT
LIGHT AIRCRAFT
CESSNA 205 AIRCRAFT
MONOPLANES
CESSNA 205 AIRCRAFT
PASSENGER AIRCRAFT
CESSNA 205 AIRCRAFT

RT ∞ AIRCRAFT

CESSNA 210 AIRCRAFT

UF **CENTURION AIRCRAFT**
GS **CESSNA AIRCRAFT**
CESSNA 210 AIRCRAFT
GENERAL AVIATION AIRCRAFT
CESSNA 210 AIRCRAFT
LIGHT AIRCRAFT
CESSNA 210 AIRCRAFT
MONOPLANES
CESSNA 210 AIRCRAFT
PASSENGER AIRCRAFT
CESSNA 210 AIRCRAFT

CESSNA 402B AIRCRAFT

GS **CESSNA AIRCRAFT**
CESSNA 402B AIRCRAFT
GENERAL AVIATION AIRCRAFT
CESSNA 402B AIRCRAFT
LIGHT AIRCRAFT
CESSNA 402B AIRCRAFT
MONOPLANES
CESSNA 402B AIRCRAFT
PASSENGER AIRCRAFT
CESSNA 402B AIRCRAFT

RT ∞ AIRCRAFT

CETANE

GS **ALIPHATIC COMPOUNDS**
ALKANES
CETANE
HYDROCARBONS
ALKANES
CETANE

CETYL COMPOUNDS

GS **ALIPHATIC COMPOUNDS**
ALKYL COMPOUNDS
CETYL COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS

CEYLONUSE **SRI LANKA****CF-104 AIRCRAFT**

USE **CANADAIR AIRCRAFT**
F-104 AIRCRAFT

CF-700 ENGINE

GS **ENGINES**
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
CF-700 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
CF-700 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
CF-700 ENGINE

CF-700 ENGINE-(CONT)

RT VERTICAL TAKEOFF AIRCRAFT

CFD

USE CHARGE FLOW DEVICES

CFRP

USE CARBON FIBER REINFORCED PLASTICS

CH-3 HELICOPTER

GS PASSENGER AIRCRAFT

CH-3 HELICOPTER

SIKORSKY AIRCRAFT

CH-3 HELICOPTER

TRANSPORT AIRCRAFT

CH-3 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

CH-3 HELICOPTER

RIGID ROTOR HELICOPTERS

CH-3 HELICOPTER

RT S-61 HELICOPTER

CH-21 HELICOPTER

UF H-21 HELICOPTER

SHAWNEE HELICOPTER

WORKHORSE HELICOPTER

GS

BOEING AIRCRAFT

CH-21 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

CH-21 HELICOPTER**CH-34 HELICOPTER**

UF CHOCTAW HELICOPTER

H-34 HELICOPTER

GS

SIKORSKY AIRCRAFT

CH-34 HELICOPTER

TRANSPORT AIRCRAFT

CH-34 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

CH-34 HELICOPTER

RT S-58 HELICOPTER

CH-46 HELICOPTER

UF CH-113 HELICOPTER

HRB-1 HELICOPTER

SEA KNIGHT HELICOPTER

VOYAGEUR HELICOPTER

GS

BOEING AIRCRAFT

CH-46 HELICOPTER

PASSENGER AIRCRAFT

CH-46 HELICOPTER

TRANSPORT AIRCRAFT

CH-46 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

CH-46 HELICOPTER

TANDEM ROTOR HELICOPTERS

CH-46 HELICOPTER**CH-47 HELICOPTER**

UF CHINOOK HELICOPTER

HC-1 HELICOPTER

GS

BOEING AIRCRAFT

CH-47 HELICOPTER

PASSENGER AIRCRAFT

CH-47 HELICOPTER

TRANSPORT AIRCRAFT

CH-47 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

CH-47 HELICOPTER

TANDEM ROTOR HELICOPTERS

CH-47 HELICOPTER**CH-53 HELICOPTER**

USE H-53 HELICOPTER

CH-54 HELICOPTER

UF S-64 HELICOPTER

SIKORSKY S-64 HELICOPTER

SKYCRANE HELICOPTER

GS

PASSENGER AIRCRAFT

CH-54 HELICOPTER-(CONT)**CH-54 HELICOPTER**

SIKORSKY AIRCRAFT

CH-54 HELICOPTER

TRANSPORT AIRCRAFT

CH-54 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

CH-54 HELICOPTER**CH-62 HELICOPTER**

GS BOEING AIRCRAFT

CH-62 HELICOPTER

V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

MILITARY HELICOPTERS

HEAVY LIFT HELICOPTERS

CH-62 HELICOPTER

RT ∞ MILITARY AIRCRAFT

CH-113 HELICOPTER

USE CH-46 HELICOPTER

CHAD

GS NATIONS

CHAD

RT AFRICA

CHAFF

GS COUNTERMEASURES

ELECTRONIC COUNTERMEASURES

CHAFF

RT DECEPTION

ELECTRONIC WARFARE

RADAR ECHOES

CHAINSSN (EXCLUDES CHEMICAL BONDS AND
NUCLEAR REACTIONS)

RT

∞ BARRIERS

CABLES (ROPES)

FASTENERS

∞ LINKS

MOLECULAR CHAINS

CHAIRS

USE SEATS

CHALCOGENIDESGS **CHALCOGENIDES**

AKERMANITE

OXIDES

ANHYDRIDES

PEROXIDES

INORGANIC PEROXIDES

ORGANIC PEROXIDES

SODIUM PEROXIDES

BORON OXIDES

BRUCITE

CARBON MONOXIDE

CARBON SUBOXIDES

CHLORINE OXIDES

DIOXIDES

CARBON DIOXIDE

FLINT

HYDROGEN PEROXIDE

SILICON DIOXIDE

QUARTZ

COESITE

SULFUR DIOXIDES

GERMANIUM OXIDES

HEAVY WATER

METAL OXIDES

ALKALINE EARTH OXIDES

BARIUM OXIDES

BERYLLIUM OXIDES

CALCIUM OXIDES

MAGNESIUM OXIDES

PERICLASE

ALUMINUM OXIDES

SAPPHIRE

BISMUTH OXIDES

CESIUM OXIDES

CHROMIUM OXIDES

CHROMITES

COBALT OXIDES

COPPER OXIDES

HAFNIUM OXIDES

IRON OXIDES

CHROMITES

HEMATITE

ILMENITE

CHALCOGENIDES-(CONT)

MAGNETITE

LANTHANUM OXIDES

LEAD OXIDES

LITHIUM OXIDES

MANGANESE OXIDES

HOPCALITE (TRADEMARK)

MERCURY OXIDES

MIXED OXIDES

MOLYBDENUM OXIDES

NICKEL OXIDES

NIOBIUM OXIDES

PLATINUM OXIDES

PLUTONIUM OXIDES

POTASSIUM OXIDES

SCANDIUM OXIDES

SILVER OXIDES

SODIUM PEROXIDES

TANTALUM OXIDES

THORIUM OXIDES

TIN OXIDES

TITANIUM OXIDES

ANATASE

ILMENITE

RUTILE

TUNGSTEN OXIDES

SCHEELITE

URANIUM OXIDES

VANADIUM OXIDES

YTTRIUM OXIDES

ZINC OXIDES

ZIRCONIUM OXIDES

NITROGEN OXIDES

NITRIC OXIDE

NITROGEN DIOXIDE

NITROGEN TETROXIDE

NITROUS OXIDES

PHOSPHORUS OXIDES

PYROXENES

ENSTATITE

SELENIUM OXIDES

SILICON OXIDES

MUSCOVITE

NEPHELINE

SILICON DIOXIDE

QUARTZ

COESITE

SPODUMENE

SULFUR OXIDES

SULFUR DIOXIDES

SELENIDES

CADMIUM SELENIDES

COPPER SELENIDES

GALLIUM SELENIDES

LEAD SELENIDES

ZINC SELENIDES

SULFIDES

DISULFIDES

CARBON DISULFIDE

INORGANIC SULFIDES

BARIUM SULFIDES

BISMUTH SULFIDES

CADMIUM SULFIDES

CALCIUM SULFIDES

COPPER SULFIDES

ENARGITE

HYDROGEN SULFIDE

INDIUM SULFIDES

LEAD SULFIDES

MOLYBDENUM SULFIDES

MOLYBDENUM DISULFIDES

POLYSULFIDES

STRONTIUM SULFIDES

ZINC SULFIDES

WURTZITE

ZINCBLENDE

PYRITES

PYRRHOTITE

TROILITE

TELLURIDES

BISMUTH TELLURIDES

CADMIUM TELLURIDES

INDIUM TELLURIDES

LANTHANUM TELLURIDES

LEAD TELLURIDES

MERCURY TELLURIDES

TIN TELLURIDES

ZINC TELLURIDES

RT ∞ GROUP 6A COMPOUNDS

CHALK

GS

CALCIUM COMPOUNDS

CALCIUM CARBONATES

CHALK

CARBON COMPOUNDS

CARBONATES

CHARACTERIZATION

CHARACTERISTICS-(CONT)

STATIC AERODYNAMIC
CHARACTERISTICS
VOLT-AMPERE CHARACTERISTICS

CHARACTERIZATION

RT DESCRIPTIONS
EXAMINATION
REPRESENTATIONS

CHARACTERS

USE SYMBOLS

CHARCOAL

GS CHEMICAL ELEMENTS
CARBON
CHARCOAL
ACTIVATED CARBON
FUELS
CHARCOAL
RT ADSORBENTS
COKE

CHARGE CARRIERS

GS CHARGE CARRIERS
FREE ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
MAJORITY CARRIERS
MINORITY CARRIERS
RT CARRIER INJECTION
CARRIER LIFETIME
∞ CARRIERS
ELECTRON MOBILITY
HOLE MOBILITY

CHARGE COUPLED DEVICES

UF CCD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
CHARGE COUPLED DEVICES
RT BUCKET BRIGADE DEVICES
CCD STAR TRACKER
CHARGE INJECTION DEVICES
SEMICONDUCTORS (MATERIALS)

CHARGE DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
CHARGE DISTRIBUTION
RT CURRENT DISTRIBUTION
ELECTRON DISTRIBUTION
ELECTROSTATIC CHARGE
FORCE DISTRIBUTION
HOLE DISTRIBUTION (ELECTRONICS)
ION DISTRIBUTION
MASS DISTRIBUTION
NEUTRAL ATOMS
POLARIZATION (CHARGE SEPARATION)

CHARGE EFFICIENCY

GS EFFICIENCY
CHARGE EFFICIENCY
RT BATTERY CHARGERS
∞ CHARGING
ELECTRIC BATTERIES
PRIMARY BATTERIES
RECHARGING
STORAGE BATTERIES

CHARGE EXCHANGE

SN (COLLISIONAL TRANSFER OF AN
ELECTRON FROM A NEUTRAL ATOM OR
MOLECULE TO AN ION-EXCLUDES
SEMICONDUCTOR AND PHOTOCHEMICAL
CHARGE TRANSFER)
GS EXCHANGING
CHARGE EXCHANGE
RESONANCE CHARGE EXCHANGE
RT ELECTRON TRANSFER
ION ATOM INTERACTIONS
ION CHARGE
ION PRODUCTION RATES
PLASMA-PARTICLE INTERACTIONS
RECOIL IONS

CHARGE FLOW DEVICES

UF CFD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
FIELD EFFECT TRANSISTORS

CHARGE FLOW DEVICES-(CONT)

CHARGE FLOW DEVICES

RT INTEGRATED CIRCUITS
∞ SENSORS

CHARGE INJECTION DEVICES

UF CID
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
CHARGE INJECTION DEVICES
RT CHARGE COUPLED DEVICES
ELECTRO-OPTICS
IMAGING TECHNIQUES
STAR TRACKERS

CHARGE SEPARATION

USE POLARIZATION (CHARGE SEPARATION)

CHARGE TRANSFER

SN (EXCLUDES COLLISIONAL CHARGE
EXCHANGE)
RT CARRIER INJECTION
CHARGED PARTICLES
ELECTRON TRANSFER
ION EXCHANGING
IONIC REACTIONS
MASS TRANSFER
PHOTOCHEMICAL REACTIONS
POLARIZATION (CHARGE SEPARATION)
TRANSFERRING

CHARGE TRANSFER DEVICES

UF CTD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
CHARGE INJECTION DEVICES
SEMICONDUCTORS (MATERIALS)
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
RT ORGANIC CHARGE TRANSFER SALTS

CHARGED PARTICLES

GS GASES
IONIZED GASES
CHARGED PARTICLES
ARGON PLASMA
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
CONDUCTION ELECTRONS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI
HEAVY NUCLEI
HYPERNUCLEI
ODD-EVEN NUCLEI
ODD-ODD NUCLEI
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SOLAR WIND
STELLAR WINDS
THERMAL PLASMAS
PARTICLES
CHARGED PARTICLES
ANIONS
ANTI-PROTONS
CATIONS
METAL IONS
FERRIC IONS
MANGANESE IONS
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
HIGH ENERGY ELECTRONS

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CHARGED PARTICLES-(CONT)

HOT ELECTRONS
N ELECTRONS
NEGATONS
PI-ELECTRONS
NUCLEI (NUCLEAR PHYSICS)
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SEMICONDUCTOR PLASMAS
SOLAR WIND
SPACE PLASMAS
SPHERICAL PLASMAS
STELLAR WINDS
THERMAL PLASMAS
TOROIDAL PLASMAS
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
NEGATIVE IONS
PARTONS
PLASMA CLOUDS
PLASMA LAYERS
PLASMA SHEATHS
PLASMA SLABS
POSITRONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
RT ANTINEUTRINOS
ANTIPARTICLES
BOSONS
CHARGE TRANSFER
CORPUSCULAR RADIATION
COULOMB COLLISIONS
COULOMB POTENTIAL
CYCLOTRON FREQUENCY
CYCLOTRON RADIATION
CYCLOTRON RESONANCE
DEUTERON IRRADIATION
ELEMENTARY PARTICLES
ETA-MESONS
GYROFREQUENCY
HELIOS PROJECT
HYPERONS
ION CHARGE
KAONS
LEPTONS
LORENTZ FORCE
MESON-NUCLEON INTERACTIONS
MESONS
MUON SPIN ROTATION
MUONS
NEUTRAL SHEETS
NEUTRONS
NONADIABATIC THEORY
∞ NUCLEI
NUCLEON-NUCLEON INTERACTIONS
NUCLEONS
OMEGA-MESONS
PARTICLE CHARGING
PARTICLE PRECIPITATION
PARTICLE TRAJECTORIES
PIONS
REISSNER-NORDSTROM SOLUTION
RHO-MESONS
SIGMA-MESONS
SINGLE EVENT UPSETS
TRAPPED PARTICLES

∞ CHARGING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)

RT BATTERY CHARGERS
CHARGE EFFICIENCY
ELECTRIC CHARGE
ELECTROSTATIC CHARGE
EXPLOSIVE DEVICES
EXPLOSIVES
FILLING
INJECTION
MAGNETIC CHARGE DENSITY
SCATHA SATELLITE

CHARM (PARTICLE PHYSICS)

RT HADRONS
LEPTONS
PARTICLE INTERACTIONS
PARTICLE THEORY

∞ PHYSICS
QUANTUM THEORY
THEORETICAL PHYSICS

CHARON

GS CELESTIAL BODIES
NATURAL SATELLITES
CHARON
SATELLITES
NATURAL SATELLITES
CHARON

RT CALLISTO
DEIMOS
EARTH-MOON SYSTEM
EUROPA
GALILEAN SATELLITES
GANYMEDE
IAPETUS
IO
PLANETARY ORBITS
PLUTO (PLANET)
SOLAR SYSTEM
TITAN

CHARPY IMPACT TEST

GS IMPACT TESTS
CHARPY IMPACT TEST
NOTCH TESTS
CHARPY IMPACT TEST

RT BRITTLENESS
DROP TESTS
HARDNESS

∞ MATERIALS TESTS
NOTCH SENSITIVITY

CHARRING

RT ABLATION
CARBONIZATION
COMBUSTION
DECOMPOSITION
FIRE DAMAGE
OXIDATION
THERMAL ABSORPTION

CHARTS

GS **CHARTS**
FLOW CHARTS
GRAPHS (CHARTS)
BOND GRAPHS
GOMPERTZ CURVES
MOLLIER DIAGRAM
PATTERSON MAP
METEOROLOGICAL CHARTS
NAUTICAL CHARTS

RT BLOCK DIAGRAMS
DIAGRAMS
DISPLAY DEVICES
DRAWINGS
GRAPHIC ARTS
MAPS
NAVIGATION AIDS
NOMOGRAPHS

∞ PLOTS
STATISTICAL ANALYSIS
STATISTICAL TESTS
VISUAL AIDS

CHASSIS

GS FRAMES
CHASSIS

RT AUTOMOBILES
CARRIAGES

∞ HEADERS
STRUTS
SUPPORTS

CHASSIS-(CONT)

UNDERCARRIAGES

CHEBYSHEV APPROXIMATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION

RT **CHEBYSHEV APPROXIMATION**
SERIES (MATHEMATICS)
STATISTICAL ANALYSIS

CHECKOUT

SN (SEQUENCE OF TESTS TO DETERMINE
FUNCTIONAL READINESS OF
EQUIPMENT)

UF DEBUGGING

RT AIRCRAFT MAINTENANCE
CEFOAM CHECKOUT EQUIPMENT
CERTIFICATION
COLD FLOW TESTS
COUNTDOWN
FILE MAINTENANCE (COMPUTERS)
INSPECTION
MAINTENANCE
PERFORMANCE TESTS
PREFIRING TESTS
PROGRAM VERIFICATION (COMPUTERS)
SPACE VEHICLE CHECKOUT PROGRAM
SPACECRAFT MAINTENANCE

∞ TEST EQUIPMENT

∞ TESTS

CHECKOUT EQUIPMENT

USE TEST EQUIPMENT

CHELATE COMPOUNDS

USE CHELATES

CHELATES

UF CHELATE COMPOUNDS
CHELATION

RT ∞ CHEMICAL COMPOUNDS
ORGANOMETALLIC COMPOUNDS

CHELATION

RT CHELATES
CHEMICAL REACTIONS

CHEMICAL ANALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
ELECTROPHOTOMETRY
GAS ANALYSIS
OZONOMETRY
VAN SLYKE METHOD
GAS SPECTROSCOPY
IODIMETRY
KARL FISCHER REAGENT
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
PAPER CHROMATOGRAPHY
POTENTIOMETRIC ANALYSIS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
KJELDAHL METHOD
VAN SLYKE METHOD
SPECTROSCOPIC ANALYSIS
URINALYSIS
VOLUMETRIC ANALYSIS

RT ALKALINITY
ANALYTICAL CHEMISTRY

∞ ANALYZING
ASSAYING
AUGER SPECTROSCOPY

∞ CHEMISTRY
CHROMATOGRAPHY
COLORIMETRY
COULOMETERS
DENSITY MEASUREMENT
DIFFRACTOMETERS
ELECTRON PROBES
FUEL TESTS
GAS CHROMATOGRAPHY
HYDROMETERS
HYGROMETERS
IDENTIFYING
INFRARED SPECTROPHOTOMETERS
INFRARED SPECTROSCOPY
ION SELECTIVE ELECTRODES
ISOTOPIC LABELING
LIQUID CHROMATOGRAPHY
MARS SURFACE SAMPLES
MASS SPECTROMETERS
MASS SPECTROSCOPY

∞ MATERIALS TESTS

CHEMICAL ANALYSIS-(CONT)

∞ MEASUREMENT
METALLICITY
METHYLENE BLUE
MOISTURE METERS
MUTAGENS
NEPHANALYSIS
OPTICAL MEASUREMENT
PARTICLE TRACKS
PARTICULATE SAMPLING
PHOTOMETRY
PHYSICAL CHEMISTRY
POLARIMETERS
POLAROGRAPHY
PSYCHROMETERS
RADIOCHEMISTRY
REAGENTS
SAMPLING
SPECTRAL SIGNATURES
SPECTROMETERS
SPECTROPHOTOMETERS
SPECTROSCOPY

∞ TESTS
THERMOGRAVIMETRY
TITRIMETERS
X RAY ANALYSIS

CHEMICAL ATTACK

GS **CHEMICAL ATTACK**
INTERGRANULAR CORROSION
TRANSGRANULAR CORROSION

RT ∞ ATTACK
CORROSION
CORROSION PREVENTION
CORROSION RESISTANCE
CORROSION TESTS
DEGRADATION
DISSOLVING
IMPREGNATING
OXIDATION
PASSIVITY
PITTING
RUSTING
SCALE (CORROSION)

CHEMICAL AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
CHEMICAL AUXILIARY POWER UNITS

RT ELECTRIC BATTERIES
FUEL CELLS
LEAD ACID BATTERIES
MAGNESIUM CELLS

CHEMICAL BONDS

UF MOLECULAR BONDS

GS **CHEMICAL BONDS**
COVALENT BONDS
HYDROGEN BONDS

RT AGGLUTINATION
BONDING
COUPLED MODES
COVALENCE
CRYSTAL LATTICES
IONIC CRYSTALS
LIGANDS
MOLECULES
MONATOMIC MOLECULES
OCTETS
POLYATOMIC MOLECULES
POLYWATER
SATURATION (CHEMISTRY)
SWAN BANDS
UNSATURATION (CHEMISTRY)
VALENCE

CHEMICAL CLEANING

GS **CHEMICAL CLEANING**
PICKLING (METALLURGY)

RT CLEANING
DESCALING
DISSOLVING

CHEMICAL CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
ARTIFICIAL CLOUDS
CHEMICAL CLOUDS
BARIUM ION CLOUDS

RT CHEMICAL RELEASE MODULES
PARTICLES
PLASMA CLOUDS

CHEMICAL COMPOSITION

GS COMPOSITION (PROPERTY)
CHEMICAL COMPOSITION

CHEMICAL COMPOUNDS

CHEMICAL COMPOSITION-(CONT)

CARBON DIOXIDE CONCENTRATION
STELLAR COMPOSITION
RT ALKALINITY
ATMOSPHERIC COMPOSITION
ATOM CONCENTRATION
BODY COMPOSITION (BIOLOGY)
DISTRIBUTION (PROPERTY)
GAS COMPOSITION
IONOSPHERIC COMPOSITION
LIGANDS
METALLIC STARS
METALLICITY
PLANETARY STRUCTURE
SPECTRAL SIGNATURES

∞ CHEMICAL COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ACETYL COMPOUNDS
ACTINIDE SERIES COMPOUNDS
ADDUCTS
ALIPHATIC COMPOUNDS
∞ ALKALI METAL COMPOUNDS
∞ ALKALINE EARTH COMPOUNDS
ALKYL COMPOUNDS
ALLYL COMPOUNDS
ALUMINUM COMPOUNDS
AMMINES
AMMONIUM COMPOUNDS
ANTIMONY COMPOUNDS
∞ AROMATIC COMPOUNDS
ARSENIC COMPOUNDS
AZO COMPOUNDS
BARIUM COMPOUNDS
BERYLLIUM COMPOUNDS
BISMUTH COMPOUNDS
BORON COMPOUNDS
BORON-EPOXY COMPOUNDS
BROMINE COMPOUNDS
CADMIUM COMPOUNDS
CALCIUM COMPOUNDS
CARBON COMPOUNDS
CARBONYL COMPOUNDS
CERIUM COMPOUNDS
CESIUM COMPOUNDS
CETYL COMPOUNDS
CHELATES
∞ CHEMICALS
CHLORINE COMPOUNDS
CHROMIUM COMPOUNDS
CLATHRATES
COBALT COMPOUNDS
COMPLEX COMPOUNDS
COMPOUND A
∞ COMPOUNDS
COPPER COMPOUNDS
CURIUM COMPOUNDS
CYANO COMPOUNDS
CYCLIC COMPOUNDS
DEUTERIUM COMPOUNDS
DIALLYL COMPOUNDS
DIBASIC COMPOUNDS
DIBUTYL COMPOUNDS
DIFLUORO COMPOUNDS
DIPHENYL COMPOUNDS
DOPA
DYSPROSIUM COMPOUNDS
EPOXY COMPOUNDS
ERBIUM COMPOUNDS
ETHYL COMPOUNDS
ETHYLENE COMPOUNDS
EUROPIUM COMPOUNDS
FLUORINE COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
FLUORO COMPOUNDS
FURANS
GALLIUM COMPOUNDS
GERMANIUM COMPOUNDS
∞ GROUP 1B COMPOUNDS
∞ GROUP 2B COMPOUNDS
∞ GROUP 3A COMPOUNDS
∞ GROUP 3B COMPOUNDS
∞ GROUP 4A COMPOUNDS
∞ GROUP 4B COMPOUNDS
∞ GROUP 5A COMPOUNDS
∞ GROUP 5B COMPOUNDS
∞ GROUP 6A COMPOUNDS
∞ GROUP 6B COMPOUNDS
∞ GROUP 7B COMPOUNDS
∞ GROUP 8 COMPOUNDS
HAFNIUM COMPOUNDS
HALOCARBONS
HALOGEN COMPOUNDS
HETEROCYCLIC COMPOUNDS

CHEMICAL COMPOUNDS-(CONT)

HEXYL COMPOUNDS
HYDRAZINIUM COMPOUNDS
HYDRAZONIUM COMPOUNDS
HYDROGEN COMPOUNDS
HYDROXYL COMPOUNDS
INDIUM COMPOUNDS
INORGANIC COMPOUNDS
INTERCALATION
IODINE COMPOUNDS
IRON COMPOUNDS
ISOPROPYL COMPOUNDS
LANTHANUM COMPOUNDS
LEAD COMPOUNDS
LEAD ORGANIC COMPOUNDS
LITHIUM COMPOUNDS
LUTETIUM COMPOUNDS
MAGNESIUM COMPOUNDS
MANGANESE COMPOUNDS
MERCURY COMPOUNDS
∞ METAL COMPOUNDS
METHOXY SYSTEMS
METHYL COMPOUNDS
MOLECULES
MOLYBDENUM COMPOUNDS
MONATOMIC MOLECULES
NEODYMIUM COMPOUNDS
NEPTUNIUM COMPOUNDS
NICKEL COMPOUNDS
NIOBIUM COMPOUNDS
NITRO COMPOUNDS
NITROGEN COMPOUNDS
NITRONIUM COMPOUNDS
NITROSO COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
ORGANIC BORON COMPOUNDS
ORGANIC COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANIC PHOSPHORUS COMPOUNDS
ORGANIC SEMICONDUCTORS
ORGANIC SILICON COMPOUNDS
ORGANIC SULFUR COMPOUNDS
ORGANIC TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS
OSMIUM COMPOUNDS
∞ OXYGEN COMPOUNDS
OXYNITRIDES
PALLADIUM COMPOUNDS
PHOSGENE
PHOSPHONIUM COMPOUNDS
PHOSPHORUS COMPOUNDS
PLATINUM COMPOUNDS
PLUTONIUM COMPOUNDS
POLONIUM COMPOUNDS
POLYATOMIC MOLECULES
POLYNUCLEAR ORGANIC COMPOUNDS
POLYQUINOXALINES
POTASSIUM COMPOUNDS
PROPYL COMPOUNDS
PROTACTINIUM COMPOUNDS
RARE EARTH COMPOUNDS
∞ RARE GAS COMPOUNDS
REFRACTORY MATERIALS
RHENIUM COMPOUNDS
RHODIUM COMPOUNDS
RUBIDIUM COMPOUNDS
RUTHENIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SELENIUM COMPOUNDS
SILICON COMPOUNDS
SILVER COMPOUNDS
SODIUM COMPOUNDS
STRONTIUM COMPOUNDS
STYPHNATES
SULFUR COMPOUNDS
TANTALUM COMPOUNDS
TECHNETIUM COMPOUNDS
TELLURIUM COMPOUNDS
TETRAHYDROFURAN
THIOLS
THORIUM COMPOUNDS
THULIUM COMPOUNDS
TIN COMPOUNDS
TITANIUM COMPOUNDS
TRIETHYL COMPOUNDS
TRIMETHYL COMPOUNDS
TRINITRO COMPOUNDS
TROPYL COMPOUNDS
TUNGSTEN COMPOUNDS
URANIUM COMPOUNDS
VANADIUM COMPOUNDS
VANADYL COMPOUNDS
WISWESSER NOTATIONS
XENON COMPOUNDS

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CHEMICAL COMPOUNDS-(CONT)

YTTERBIUM COMPOUNDS
YTTRIUM COMPOUNDS
ZINC COMPOUNDS
ZIRCONIUM COMPOUNDS

CHEMICAL DEFENSE

RT CIVIL DEFENSE
CLOTHING
DRUGS
FIRST AID
INJURIES
MASKS
NEUROLOGY
PHYSIOLOGICAL FACTORS
PROTECTIVE CLOTHING
SAFETY DEVICES
WARFARE

CHEMICAL EFFECTS

GS STERILIZATION EFFECTS
CHEMICAL EFFECTS
RT BIOLOGICAL EFFECTS
∞ EFFECTS
TEMPERATURE EFFECTS

CHEMICAL ELEMENTS

GS **CHEMICAL ELEMENTS**
ACTINIDE SERIES
ACTINIUM
RADIUM
RADIUM ISOTOPES
RADIUM 226
THORIUM
THORIUM ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
URANIUM PLASMAS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
CESIUM VAPOR
FRANCIUM
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24

CHEMICAL ELEMENTS-(CONT)

SODIUM VAPOR
 ALKALINE EARTH METALS
 BARIUM ISOTOPES
 ALUMINUM
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 BARIUM
 BARIUM ISOTOPES
 BERYLLIUM
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 BISMUTH
 BISMUTH ISOTOPES
 CADMIUM
 CADMIUM ISOTOPES
 CALCIUM
 CALCIUM ISOTOPES
 CARBON
 CARBON ISOTOPES
 CARBON 12
 CARBON 13
 CARBON 14
 CHARCOAL
 ACTIVATED CARBON
 COBALT
 COBALT ISOTOPES
 COBALT 58
 COBALT 60
 COPPER
 COPPER ISOTOPES
 ELEMENT 104
 ELEMENT 105
 GALLIUM
 GALLIUM ISOTOPES
 GOLD
 GOLD ISOTOPES
 GOLD 198
 HAFNIUM
 HAFNIUM ISOTOPES
 HALOGENS
 ASTATINE
 BROMINE
 BROMINE ISOTOPES
 CHLORINE
 FLUORINE
 FLUORINE ISOTOPES
 IODINE
 IODINE ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 HYDROGEN
 HYDROGEN ATOMS
 HYDROGEN IONS
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 METALLIC HYDROGEN
 TRITIUM
 HYDROGEN PLASMA
 DEUTERIUM PLASMA
 LIQUID HYDROGEN
 ORTHO HYDROGEN
 PARA HYDROGEN
 INDIUM
 IRON
 IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 LEAD (METAL)
 LEAD ISOTOPES
 LIGHT ELEMENTS
 MAGNESIUM
 MAGNESIUM ISOTOPES
 MANGANESE
 MANGANESE ISOTOPES
 MERCURY (METAL)
 MERCURY ISOTOPES
 MERCURY VAPOR
 METALLOIDS
 ANTIMONY
 ANTIMONY ISOTOPES
 ARSENIC
 ARSENIC ISOTOPES
 BORON
 BORON ISOTOPES
 BORON 10
 GERMANIUM
 GERMANIUM ISOTOPES

CHEMICAL ELEMENTS-(CONT)

POLONIUM
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 SILICON
 SILICON ISOTOPES
 TELLURIUM
 TELLURIUM ISOTOPES
 NICKEL
 NICKEL ISOTOPES
 NITROGEN
 LIQUID NITROGEN
 NITROGEN ATOMS
 NITROGEN IONS
 NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
 SOLID NITROGEN
 NUCLIDES
 ISOTOPES
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 ANTIMONY ISOTOPES
 ARGON ISOTOPES
 BARIUM ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 BISMUTH ISOTOPES
 BORON ISOTOPES
 BORON 10
 BROMINE ISOTOPES
 CADMIUM ISOTOPES
 CALCIUM ISOTOPES
 CARBON ISOTOPES
 CARBON 12
 CARBON 13
 CARBON 14
 CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 CHROMIUM ISOTOPES
 COBALT ISOTOPES
 COBALT 58
 COBALT 60
 DYSPROSIUM ISOTOPES
 ERBIUM ISOTOPES
 EUROPIUM ISOTOPES
 FLUORINE ISOTOPES
 GADOLINIUM ISOTOPES
 GALLIUM ISOTOPES
 GERMANIUM ISOTOPES
 HAFNIUM ISOTOPES
 HELIUM ISOTOPES
 HOLMIUM ISOTOPES
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 TRITIUM
 IODINE ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 IRIIDIUM ISOTOPES
 IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 KRYPTON ISOTOPES
 KRYPTON 85
 LANTHANUM ISOTOPES
 LEAD ISOTOPES
 LITHIUM ISOTOPES
 LUTETIUM
 LUTETIUM ISOTOPES
 MANGANESE ISOTOPES
 MERCURY ISOTOPES
 NEODYMIUM ISOTOPES
 NEON ISOTOPES
 NICKEL ISOTOPES
 NIOBIUM ISOTOPES
 NIOBIUM 95
 NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
 OXYGEN ISOTOPES

CHEMICAL ELEMENTS-(CONT)

OXYGEN 18
 PHOSPHORUS ISOTOPES
 PHOSPHORUS 32
 PLATINUM ISOTOPES
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 PRASEODYMIUM ISOTOPES
 PROMETHIUM ISOTOPES
 PROTACTINIUM ISOTOPES
 RADIOACTIVE ISOTOPES
 ARSENIC ISOTOPES
 ASTATINE ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 CARBON 14
 CERIUM 137
 CERIUM 144
 CESIUM 134
 CESIUM 137
 CESIUM 144
 COBALT 58
 COBALT 60
 GOLD ISOTOPES
 GOLD 198
 INDIUM ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 IRON 59
 KRYPTON 85
 NIOBIUM 95
 NITROGEN 16
 PHOSPHORUS 32
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 POTASSIUM 38
 POTASSIUM 40
 RUBIDIUM 86
 SODIUM 22
 SODIUM 24
 STRONTIUM 85
 STRONTIUM 88
 STRONTIUM 89
 STRONTIUM 90
 TRANSURANIC ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 SERGENIUM
 TRITIUM
 URANIUM 232
 URANIUM 233
 URANIUM 238
 XENON 133
 XENON 135
 ZIRCONIUM 95
 RADIUM ISOTOPES
 RADIUM 226
 RADON ISOTOPES
 RHODIUM ISOTOPES
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 RUTHENIUM ISOTOPES
 SCANDIUM ISOTOPES
 SILVER ISOTOPES
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 TANTALUM ISOTOPES

CHEMICAL ENERGY

CHEMICAL ELEMENTS-(CONT)

TELLURIUM
TELLURIUM ISOTOPES
TERBIUM ISOTOPES
THORIUM ISOTOPES
THULIUM ISOTOPES
TIN ISOTOPES
TITANIUM ISOTOPES
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
VANADIUM ISOTOPES
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
YTTRIUM ISOTOPES
ZINC ISOTOPES
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
OXYGEN
OXYGEN ATOMS
OXYGEN IONS
OXYGEN ISOTOPES
OXYGEN 17
OXYGEN 18
OXYGEN PLASMA
PALLADIUM
PHOSPHORUS
PHOSPHORUS ISOTOPES
PHOSPHORUS 32
PLATINUM
PLATINUM BLACK
PLATINUM ISOTOPES
PROTACTINIUM
PROTACTINIUM ISOTOPES
RARE EARTH ELEMENTS
CERIUM
CERIUM ISOTOPES
CERIUM 137
CERIUM 144
DYSPROSIUM
DYSPROSIUM ISOTOPES
ERBIUM
ERBIUM ISOTOPES
EUROPIUM
EUROPIUM ISOTOPES
GADOLINIUM
GADOLINIUM ISOTOPES
HOLMIUM
HOLMIUM ISOTOPES
LANTHANUM
LANTHANUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
NEODYMIUM
NEODYMIUM ISOTOPES
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
PROMETHIUM
PROMETHIUM ISOTOPES
SAMARIUM
SAMARIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
TERBIUM
TERBIUM ISOTOPES
THULIUM
THULIUM ISOTOPES
YTTERBIUM
YTTERBIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES
RARE GASES
ARGON
ARGON ISOTOPES
HELIUM
HELIUM ATOMS
HELIUM FILM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2
KRYPTON
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135

CHEMICAL ELEMENTS-(CONT)

REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RHODIUM
RHODIUM ISOTOPES
RUTHENIUM
RUTHENIUM ISOTOPES
SELENIUM
SILVER
SILVER ISOTOPES
STRONTIUM
STRONTIUM ISOTOPES
STRONTIUM 85
STRONTIUM 87
STRONTIUM 89
STRONTIUM 90
SULFUR
SULFUR ISOTOPES
TECHNETIUM
THALLIUM
THALLIUM ISOTOPES
TIN
TIN ISOTOPES
TITANIUM
TITANIUM ISOTOPES
TRACE ELEMENTS
VANADIUM
VANADIUM ISOTOPES
ZINC
ZINC ISOTOPES
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
RT ATOMS
∞ CHEMICALS
∞ ELEMENTS
FERROUS METALS
HEAVY ELEMENTS
IONS
ISOTOPIC ENRICHMENT
LIGHT IONS
METALS
NONFERROUS METALS
NUCLEAR ISOBARS
TRACE CONTAMINANTS

CHEMICAL ENERGY

GS CHEMICAL ENERGY
ENERGY OF FORMATION
RT ∞ ENERGY
FREE ENERGY
INTERNAL ENERGY
KINETIC ENERGY
∞ LEVEL
MOLECULAR ENERGY LEVELS
∞ NUCLEAR ENERGY
POTENTIAL ENERGY

CHEMICAL ENGINEERING

RT AEROTHERMOCHEMISTRY
∞ CHEMISTRY
CRACKING (CHEMICAL ENGINEERING)
DIFFUSION
∞ ENGINEERING
FLUID FLOW
FURNACES
HEAT TRANSFER
MATERIALS HANDLING
∞ OPERATIONS
THERMOCHEMISTRY

CHEMICAL EQUILIBRIUM

UF CHAPMAN-JOUQUE FLAME
CHEMICAL SHIFT
GS CHEMICAL EQUILIBRIUM
ACID BASE EQUILIBRIUM
RT ASSOCIATION REACTIONS
BUFFERS (CHEMISTRY)
DISSOCIATION
∞ EQUILIBRIUM
HEAT OF DISSOCIATION
PHASE RULE

NASA THESAURUS (VOLUME 1)

CHEMICAL EQUILIBRIUM-(CONT)

REACTION KINETICS
THERMODYNAMIC EQUILIBRIUM

CHEMICAL EVOLUTION

GS EVOLUTION (DEVELOPMENT)
CHEMICAL EVOLUTION
RT ABIOTIC
BIOLOGICAL EVOLUTION
∞ EVOLUTION
EXOBIOLGY
LIFE SCIENCES
ORGANIC COMPOUNDS
PROTEIN SYNTHESIS

CHEMICAL EXPLOSIONS

GS EXPLOSIONS
CHEMICAL EXPLOSIONS
GAS EXPLOSIONS
RT AERIAL EXPLOSIONS
COMBUSTION
DETONABLE GAS MIXTURES
DETONATION
EXPLOSIVES
FLAMMABLE GASES
UNDERGROUND EXPLOSIONS
UNDERWATER EXPLOSIONS

CHEMICAL EXTINGUISHERS

USE FIRE EXTINGUISHERS

CHEMICAL FRACTIONATION

GS FRACTIONATION
CHEMICAL FRACTIONATION
RT DISTILLATION
REFINING
∞ SEPARATION

CHEMICAL FUELS

GS FUELS
CHEMICAL FUELS
ENDOTHERMIC FUELS
HIGH ENERGY FUELS
HYDROCARBON FUELS
DIESEL FUELS
GASOLINE
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
RP-1 ROCKET PROPELLANTS
SYNTHANE
LIQUID FUELS
AIRCRAFT FUELS
AUTOMOBILE FUELS
DIESEL FUELS
GASOLINE
HYDROGEN FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
KEROSENE
METAL FUELS
SYNTHETIC FUELS
GASOL (FUEL)
SYNTHANE
RT CLEAN FUELS
EXPLOSIVES
FUEL PRODUCTION
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
HYBRID PROPELLANTS
MONOPROPELLANTS
PLASTIC PROPELLANTS
PYROTECHNICS
SOLID PROPELLANTS

CHEMICAL INDICATORS

RT ∞ INDICATORS
METHYLENE BLUE
PHLOROGLUCINOL

CHEMICAL KINETICS

USE REACTION KINETICS

CHEMICAL LASERS

GS STIMULATED EMISSION DEVICES
LASERS
CHEMICAL LASERS
HCL LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS

CHEMICAL LASERS-(CONT)

CARBON LASERS
CARBON MONOXIDE LASERS
GAS LASERS
HCN LASERS
HF LASERS
INFRARED LASERS
LIQUID LASERS
ORGANIC LASERS
Q SWITCHED LASERS
TEA LASERS
TUBE LASERS

CHEMICAL MACHINING

UF CHEMICAL MILLING
GS MACHINING
CHEMICAL MACHINING
ELECTROCHEMICAL MACHINING
RT MILLING (MACHINING)

CHEMICAL MILLING

USE CHEMICAL MACHINING

CHEMICAL PROPERTIES

GS CHEMICAL PROPERTIES
ACIDITY
HEAT OF SOLUTION
SALINITY
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT OF FORMATION
HEAT OF FUSION
HEAT OF VAPORIZATION
RT ADSORPTIVITY
∞ HIGH RESISTANCE
HYGROSCOPICITY
∞ LOW RESISTANCE
MOISTURE CONTENT
PASSIVITY
∞ PHYSICAL PROPERTIES
PROPELLANT PROPERTIES
∞ PROPERTIES
∞ RESISTANCE
THERMODYNAMIC PROPERTIES
TOXICITY
TOXICITY AND SAFETY HAZARD

CHEMICAL PROPULSION

UF CHEMONUCLEAR PROPULSION
GS PROPULSION
CHEMICAL PROPULSION
HYBRID PROPULSION
RT JET PROPULSION
MARINE PROPULSION
SPACECRAFT PROPULSION
UNDERWATER PROPULSION

CHEMICAL REACTION CONTROL

RT AGITATION
∞ CONTROL
∞ REACTION CONTROL
TEMPERATURE CONTROL

CHEMICAL REACTIONS

UF FLAME INTERACTION
GS CHEMICAL REACTIONS
ACYLATION
ACETYLATION
ALKYLATION
AMMONOLYSIS
ASSOCIATION REACTIONS
ATOMIC RECOMBINATION
OXYGEN RECOMBINATION
CARBONIZATION
CARBOXYLATION
COPOLYMERIZATION
CRACKING (CHEMICAL ENGINEERING)
PYROLYSIS
DECARBONATION
DECARBOXYLATION
DEFLUORINATION
DEHYDROGENATION
DEIONIZATION
DENITROGENATION
DEPOLYMERIZATION
DESULFURIZING
DIELS-ALDER REACTIONS
ENDOTHERMIC REACTIONS
EPOXIDATION
EXOTHERMIC REACTIONS
FERMENTATION
FRIEDEL-CRAFT REACTION
GLYCOLYSIS
GRIGNARD REACTIONS
HALOGENATION

CHEMICAL REACTIONS-(CONT)

BROMINATION
CHLORINATION
FLUORINATION
HYDROBORATION
HYDROGENOLYSIS
HYDROLYSIS
ION RECOMBINATION
METAL-WATER REACTIONS
METHANATION
METHYLATION
MICHAEL REACTION
NITRATION
NITRIDING
NITROGENATION
NITROLYSIS
OXIDATION
ELECTROCHEMICAL OXIDATION
PHOTOOXIDATION
RUSTING
OXIDATION-REDUCTION REACTIONS
OXYGENATION
PHOSPHORYLATION
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM
PHOTODECOMPOSITION
PHOTOLYSIS
RADIOLYSIS
PHOTOSYNTHESIS
PYROHYDROLYSIS
REDUCTION (CHEMISTRY)
DEOXIDIZING
HYDROGENATION
SABATIER REACTION
SULFATION
SULFIDATION
THERMAL DECOMPOSITION
PYROLYSIS
THERMAL DISSOCIATION
TITRATION
RT BIOSYNTHESIS
CHELATION
CORROSION
GAS-METAL INTERACTIONS
HYDRATION
INTERSTELLAR CHEMISTRY
∞ OPERATIONS
PARTICLE INTERACTIONS
PLASMA JET SYNTHESIS
POLYMERIZATION
RADIOCHEMICAL SEPARATION
∞ REACTION
REACTION BONDING
REACTION KINETICS
REACTIVITY
REAGENTS
SODALITE
SOLVATION
STOICHIOMETRY
SURFACE REACTIONS
∞ SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYNTHETIC FUELS
THERMOCHEMISTRY

CHEMICAL REACTORS

RT AUTOCLAVES
BEDS (PROCESS ENGINEERING)
BURNERS
COLUMNS (PROCESS ENGINEERING)
CONTACTORS
CONTRACTORS
FLUIDIZED BED PROCESSORS
FURNACES
GAS GENERATORS
∞ GAS REACTORS
REACTOR DESIGN
REACTOR MATERIALS
REACTOR SAFETY
∞ REACTORS
SYNTHESIZERS
TANKS (CONTAINERS)
WATER COOLED REACTORS

CHEMICAL RELAXATION

USE MOLECULAR RELAXATION

CHEMICAL RELEASE MODULES

GS MODULES
CHEMICAL RELEASE MODULES
RT CHEMICAL CLOUDS
DISPERSING

CHEMICAL SHIFT

USE CHEMICAL EQUILIBRIUM

CHEMICAL STERILIZATION

GS STERILIZATION
CHEMICAL STERILIZATION
RT ANTISEPTICS
BACTERICIDES
PURIFICATION
SEWAGE TREATMENT
SPACECRAFT STERILIZATION

CHEMICAL TESTS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
ELECTROPHOTOMETRY
GAS ANALYSIS
OZONOMETRY
VAN SLYKE METHOD
GAS SPECTROSCOPY
IODIMETRY
KARL FISCHER REAGENT
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
PAPER CHROMATOGRAPHY
POTENTIOMETRIC ANALYSIS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
KJELDAHL METHOD
VAN SLYKE METHOD
SPECTROSCOPIC ANALYSIS
URINALYSIS
VOLUMETRIC ANALYSIS
SALT SPRAY TESTS
RT CORROSION RESISTANCE
HIGH TEMPERATURE TESTS
INSPECTION
LIQUID CHROMATOGRAPHY
LOW TEMPERATURE TESTS
NONDESTRUCTIVE TESTS
QUALITY CONTROL
SAMPLING
STAINING
∞ TESTS

CHEMICAL WARFARE

GS WARFARE
CHEMICAL WARFARE
RT BIOCHEMISTRY
PHYSIOLOGICAL FACTORS

∞ CHEMICALS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ∞ CHEMICAL COMPOUNDS
CHEMICAL ELEMENTS

CHEMILUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
CHEMILUMINESCENCE
RT AIRGLOW
PHOSPHORESCENCE

CHEMISORPTION

GS SORPTION
ADSORPTION
CHEMISORPTION
RT ADSORPTIVITY
GAS-METAL INTERACTIONS
HYDROGEN EMBRITTLEMENT
MASKING

∞ CHEMISTRY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AEROTHERMOCHEMISTRY
AEROTHERMODYNAMICS
ANALYTICAL CHEMISTRY
ATMOSPHERIC CHEMISTRY
BIOCHEMISTRY
BIOGEOCHEMISTRY
CHEMICAL ANALYSIS
CHEMICAL ENGINEERING
CHEMOTHERAPY
COMPUTATIONAL CHEMISTRY
CRYOCHEMISTRY
ELECTROCHEMISTRY
ENVIRONMENTAL CHEMISTRY
GEOCHEMISTRY
HYDROXYL RADICALS
INORGANIC CHEMISTRY
INTERSTELLAR CHEMISTRY
MARINE CHEMISTRY

CHEMONUCLEAR PROPULSION

CHEMISTRY-(CONT)

NUCLEAR CHEMISTRY
ORGANIC CHEMISTRY
PHOTOELECTROCHEMISTRY
PHYSICAL CHEMISTRY
∞ PHYSICAL SCIENCES
PHYSICS AND CHEMISTRY EXPERIMENT
IN SPACE
PHYSIOCHEMISTRY
PLASMA CHEMISTRY
POLYMER CHEMISTRY
PRECIPITATION (CHEMISTRY)
PROPELLANT CHEMISTRY
QUANTUM CHEMISTRY
RADIATION CHEMISTRY
RADIOCHEMISTRY
REDUCTION (CHEMISTRY)
SATURATION (CHEMISTRY)
STEREOCHEMISTRY
STOICHIOMETRY
SYNTHESIS (CHEMISTRY)
THERMOCHEMISTRY
UNSATURATION (CHEMISTRY)
WISWESSER NOTATIONS

CHEMONUCLEAR PROPULSION

USE CHEMICAL PROPULSION
NUCLEAR PROPULSION

CHEMORECEPTORS

GS ANATOMY
SENSE ORGANS
CHEMORECEPTORS
RECEPTORS (PHYSIOLOGY)
CHEMORECEPTORS
RT CAROTID SINUS BODY
OLFACTORY PERCEPTION
TASTE

CHEMOSPHERE

GS EARTH ATMOSPHERE
HOMOSPHERE
MIDDLE ATMOSPHERE
CHEMOSPHERE
RT BIOSPHERE
HETEROSPHERE
IONOSPHERE
LOWER ATMOSPHERE
MESOSPHERE
OZONOSPHERE
PLASMASPHERE
STRATOSPHERE
THERMOSPHERE
TROPOSPHERE
UPPER ATMOSPHERE

CHEMOTHERAPY

UF DRUG THERAPY
GS THERAPY
CHEMOTHERAPY
RT ANTISEPTICS
∞ CHEMISTRY
DRUGS

CHENA RIVER BASIN (AK)

GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
CHENA RIVER BASIN (AK)
RT ALASKA

CHESAPEAKE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
CHESAPEAKE BAY (US)
RT MARYLAND
RIVER BASINS
SOUNDS (TOPOGRAPHIC FEATURES)
VIRGINIA

CHEST

GS ANATOMY
CHEST
RT THORAX
TORSO

CHEWING

USE MASTICATION

CHIAPAS (MEXICO)

RT MEXICO

CHIASMS

GS CROSSINGS
CHIASMS

CHICKENS

GS ANIMALS
VERTEBRATES
BIRDS
CHICKENS

CHILD DEVICE

RT LEARNING
LEARNING THEORY
TRAINING DEVICES

CHILD-LANGMUIR LAW

GS LAWS
CHILD-LANGMUIR LAW
RT PERVEANCE
SPACE CHARGE
THERMIONIC DIODES

CHILDREN

RT FEMALES
HUMAN BEINGS
MALES
PARENTS
PROGENY

CHILE

GS NATIONS
CHILE
RT SOUTH AMERICA

CHILLING

USE COOLING

CHIMES

USE AUDITORY SIGNALS

CHIMNEYS

RT ∞ BUILDINGS
EXHAUST SYSTEMS
FLUES
FURNACES
PLUMES
STACKS
VENTS
WASTE ENERGY UTILIZATION

CHIMPANZEES

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
APES
CHIMPANZEES
WILDLIFE
CHIMPANZEES
RT HUMAN BEINGS

CHIN

GS ANATOMY
MUSCULOSKELETAL SYSTEM
CHIN
FACE (ANATOMY)
CHIN
RT BONES

CHINA

UF CHINA (COMMUNIST) MAINLAND
GS CHINESE PEOPLES REPUBLIC
NATIONS
CHINA
RT ASIA
CHINESE AIRCRAFT
HONG KONG
TAIWAN

CHINA (COMMUNIST) MAINLAND

USE CHINA

CHINESE AIRCRAFT

RT ∞ AIRCRAFT
CHINA

CHINESE PEOPLES REPUBLIC

USE CHINA

CHINESE SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
CHINESE SPACE PROGRAM
RT ∞ RESEARCH PROJECTS
SPACE MISSIONS
TAIWAN

NASA THESAURUS (VOLUME 1)

CHINESE SPACECRAFT

RT ∞ SPACECRAFT
TAIWAN

CHINOOK HELICOPTER

USE CH-47 HELICOPTER

CHIPPING

RT ABRASION
COMMINUTION
CUTTING
FLAKING
FRACTURING
FRAGMENTATION
PITTING
∞ SEPARATION
SPALLING
SPLITTING
WEAR

CHIPS

RT CHIPS (ELECTRONICS)
FRAGMENTS
SCRAP

CHIPS (ELECTRONICS)

RT CHIPS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
VERY LARGE SCALE INTEGRATION
VHSIC (CIRCUITS)

CHIPS (MEMORY DEVICES)

RT ∞ DEVICES
INTEGRATED CIRCUITS
METAL-NITRIDE-OXIDE-SEMICONDUCTOR
S
SEMICONDUCTOR DEVICES

CHIRAL DYNAMICS

RT ∞ DYNAMICS
GROUP THEORY
LAGRANGE MULTIPLIERS
MATRICES (MATHEMATICS)

CHIRON

UF MINOR PLANET 2060
GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
CHIRON
RT APOLLO ASTEROIDS
METEORIDS
PLANETS
SOLAR SYSTEM
SPACE DEBRIS

CHIRONOMUS FLIES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
CHIRONOMUS FLIES
RT DROSOPHILA
INFESTATION

CHIRP

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
CHIRP
CHIRP SIGNALS

CHIRP SIGNALS

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
CHIRP
CHIRP SIGNALS
RT ELECTROMAGNETIC NOISE
∞ SIGNALS

CHITIN

SN (A POLYSACCHARIDE WHICH IS THE PRINCIPAL CONSTITUENT OF THE SHELLS OF CRABS AND LOBSTERS, THE SHARDS OF BEETLES, AND IS ALSO FOUND IN CERTAIN FUNGI)
GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
CHITIN
CARBOHYDRATES
POLYSACCHARIDES
CHITIN
RT GUMS (SUBSTANCES)
STARCHES

NASA THESAURUS (VOLUME 1)

CHLORAL
 GS ALDEHYDES
CHLORAL
 ALIPHATIC COMPOUNDS
CHLORAL

CHLORATES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
CHLORATES
 RT ∞ OXYGEN COMPOUNDS
 PERCHLORATES

CHLORELLA
 GS ALGAE
CHLORELLA

CHLORIDES
 UF PENTACHLORIDES
 TRICHLORIDES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
CHLORIDES
 ALUMINUM CHLORIDES
 AMMONIUM CHLORIDES
 BERYLLIUM CHLORIDES
 BORON CHLORIDES
 CADMIUM CHLORIDES
 CALCIUM CHLORIDES
 CARBON TETRACHLORIDE
 COPPER CHLORIDES
 DICHLORIDES
 GERMANIUM CHLORIDES
 HYDROCHLORIDES
 IRON CHLORIDES
 LANTHANUM CHLORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 MAGNESIUM CHLORIDES
 NITROSYL CHLORIDES
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 PHOSGENE
 POTASSIUM CHLORIDES
 SILICON TETRACHLORIDE
 SILVER CHLORIDES
 SODIUM CHLORIDES
 SULFUR CHLORIDES
 TETRACHLORIDES
 TITANIUM CHLORIDES
 TUNGSTEN CHLORIDES
 ZINC CHLORIDES
 HALIDES
CHLORIDES
 ALUMINUM CHLORIDES
 AMMONIUM CHLORIDES
 BERYLLIUM CHLORIDES
 BORON CHLORIDES
 CADMIUM CHLORIDES
 CALCIUM CHLORIDES
 CARBON TETRACHLORIDE
 COPPER CHLORIDES
 DICHLORIDES
 GERMANIUM CHLORIDES
 HYDROCHLORIDES
 HYDROGEN CHLORIDES
 HYDROCHLORIC ACID
 IRON CHLORIDES
 LANTHANUM CHLORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 MAGNESIUM CHLORIDES
 NITROSYL CHLORIDES
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 PHOSGENE
 POTASSIUM CHLORIDES
 SILICON TETRACHLORIDE
 SILVER CHLORIDES
 SODIUM CHLORIDES
 SULFUR CHLORIDES
 TETRACHLORIDES
 TITANIUM CHLORIDES
 TUNGSTEN CHLORIDES
 ZINC CHLORIDES
 RT METHYL CHLORIDE
 POLYVINYL CHLORIDE
 SALT BEDS

CHLORINATION
 GS CHEMICAL REACTIONS
 HALOGENATION
CHLORINATION
 RT BLEACHING
 HYDROMETALLURGY

CHLORINATION-(CONT)
 PYROMETALLURGY
 WATER TREATMENT

CHLORINE
 GS CHEMICAL ELEMENTS
 HALOGENS
CHLORINE

CHLORINE COMPOUNDS
 GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
 CHLORATES
 CHLORIDES
 ALUMINUM CHLORIDES
 AMMONIUM CHLORIDES
 BERYLLIUM CHLORIDES
 BORON CHLORIDES
 CADMIUM CHLORIDES
 CALCIUM CHLORIDES
 CARBON TETRACHLORIDE
 COPPER CHLORIDES
 DICHLORIDES
 GERMANIUM CHLORIDES
 HYDROCHLORIDES
 IRON CHLORIDES
 LANTHANUM CHLORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 MAGNESIUM CHLORIDES
 NITROSYL CHLORIDES
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 PHOSGENE
 POTASSIUM CHLORIDES
 SILICON TETRACHLORIDE
 SILVER CHLORIDES
 SODIUM CHLORIDES
 SULFUR CHLORIDES
 TETRACHLORIDES
 TITANIUM CHLORIDES
 TUNGSTEN CHLORIDES
 ZINC CHLORIDES
 CHLORINE FLUORIDES
 CHLORINE OXIDES
 CHLOROSILANES
 DDT
 MECLIZINE
 PERCHLORATES
 ALUMINUM PERCHLORATES
 AMMONIUM PERCHLORATES
 HYDRAZINE PERCHLORATES
 HYDROGEN PERCHLORATE
 HYDROXYLAMMONIUM
 PERCHLORATES
 LITHIUM PERCHLORATES
 MAGNESIUM PERCHLORATES
 NITRONIUM PERCHLORATE
 POTASSIUM PERCHLORATES
 RT ∞ CHEMICAL COMPOUNDS
 HALOCARBONS

CHLORINE FLUORIDES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
CHLORINE FLUORIDES
 FLUORINE COMPOUNDS
 FLUORIDES
CHLORINE FLUORIDES
 HALIDES
 FLUORIDES
CHLORINE FLUORIDES
 RT LIQUID ROCKET PROPELLANTS

CHLORINE OXIDES
 GS CHALCOGENIDES
 OXIDES
CHLORINE OXIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
CHLORINE OXIDES

CHLOROAROMATICS
 GS CHLOROAROMATICS
 CHLOROBENZENES
 RT ∞ AROMATIC COMPOUNDS

CHLOROBENZENES
 GS CHLOROAROMATICS
CHLOROBENZENES
 HYDROCARBONS
CHLOROBENZENES
 RT BENZENE

CHOKES (FUEL SYSTEMS)

CHLOROCARBONS
 GS CARBON COMPOUNDS
 HALOCARBONS
CHLOROCARBONS

CHLOROETHYLENE
 GS ALIPHATIC COMPOUNDS
CHLOROETHYLENE
 ETHYLENE COMPOUNDS
CHLOROETHYLENE

CHLOROFORM
 GS ALIPHATIC COMPOUNDS
CHLOROFORM
 DRUGS
 ANESTHETICS
CHLOROFORM
 RT ANESTHESIOLOGY

CHLOROFORMATE
 GS ESTERS
CHLOROFORMATE
 FORMATES
CHLOROFORMATE

CHLOROPHYLLS
 GS MAGNESIUM COMPOUNDS
CHLOROPHYLLS
 ORGANOMETALLIC COMPOUNDS
CHLOROPHYLLS
 PIGMENTS
CHLOROPHYLLS
 PORPHYRINS
CHLOROPHYLLS
 RT ALGAE
 BROWN WAVE EFFECT
 CELLS (BIOLOGY)
 CHLOROPLASTS
 GREEN WAVE EFFECT
 OCEAN COLOR SCANNER
 PHOTOSYNTHESIS
 PLANTS (BOTANY)
 PORPHINES
 SKIN (ANATOMY)

CHLOROPLASTS
 RT CELLS (BIOLOGY)
 CHLOROPHYLLS
 CYTOPLASM
 PHOTOSYNTHESIS

CHLOROPRENE RESINS
 UF NEOPRENES
 GS RUBBER
 SYNTHETIC RUBBERS
 ELASTOMERS
CHLOROPRENE RESINS

CHLOROSILANES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
CHLOROSILANES
 HYDROGEN COMPOUNDS
 HYDRIDES
 SILANES
CHLOROSILANES
 SILICON COMPOUNDS
 SILANES
CHLOROSILANES

CHLORPROMAZINE
 GS ALIPHATIC COMPOUNDS
 HYDRAZINES
CHLORPROMAZINE

CHOCTAW HELICOPTER
 USE CH-34 HELICOPTER

CHOICE
 USE SELECTION

CHOKES
 SN (EXCLUDES FUEL SYSTEM AND
 ELECTRONIC DEVICES)
 RT CHOKES (RESTRICTIONS)
 ∞ DIFFUSERS
 ELECTRIC COILS
 MIXING
 NOZZLE INSERTS
 ∞ NOZZLES

CHOKES (FUEL SYSTEMS)
 RT CARBURETORS
 FUEL SYSTEMS

CHOKES (RESTRICTIONS)**CHOKES (FUEL SYSTEMS)-(CONT)**

ORIFICES
∞ SYSTEMS

CHOKES (RESTRICTIONS)

RT CHOKES (FUEL SYSTEMS)
CLOSURES
CONSTRICTIONS
IMPEDANCE
∞ NOZZLES
ORIFICES
THROATS
VALVES

CHOLERA

GS DISEASES
INFECTIOUS DISEASES

RT **CHOLERA**
DISORDERS
HUMAN PATHOLOGY
KIDNEY DISEASES
PARASITIC DISEASES
PATHOGENESIS
PATHOLOGICAL EFFECTS
PHYSIOLOGICAL EFFECTS

CHOLESKY FACTORIZATION

RT CONJUGATES
FINITE ELEMENT METHOD
ITERATIVE SOLUTION
REAL VARIABLES

CHOLESTEROL

GS STEROIDS
CHOLESTEROL
RT ARTERIOSCLEROSIS
LIQUID CRYSTALS

CHOLINE

GS ALIPHATIC COMPOUNDS
CHOLINE
CARBOHYDRATES
FATS
CHOLINE
ORGANIC COMPOUNDS
FATS
CHOLINE

CHOLINERGIC BLOCKING AGENTS

USE ANTICHOLINERGICS

CHOLINERGICS

GS DRUGS
CHOLINERGICS
ANTICHOLINERGICS
RT CYCLIC AMP

CHOLINESTERASE

GS ENZYMES
CHOLINESTERASE
RT NEUROMUSCULAR TRANSMISSION

CHONDRITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
BRUDERHEIM METEORITE
CARBONACEOUS CHONDRITES
ALLENDE METEORITE
MURCHISON METEORITE
CARBONACEOUS METEORITES
ALAIS METEORITE
COLD BOKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITIS CHONDRITE
PANTAR CHONDRITES
PRIBRAM METEORITE
RT ACHONDRITES
TEKTITES

CHONDRULE

RT ENSTATITE

CHOPPERS (ELECTRIC)

USE ELECTRIC CHOPPERS

CHORDS (GEOMETRY)

UF AERODYNAMIC CHORDS
GS GEOMETRY
EUCLIDEAN GEOMETRY

CHORDS (GEOMETRY)-(CONT)

LINES (GEOMETRY)

CHORDS (GEOMETRY)

RT CURVES (GEOMETRY)
GEODESIC LINES
TANGENTS

CHOROID MEMBRANES

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
CHOROID MEMBRANES
MEMBRANES
CHOROID MEMBRANES
RT VISION

CHORUS (DAWN PHENOMENON)

USE DAWN CHORUS

CHORUS PHENOMENON

USE DAWN CHORUS

CHROMATES

UF DICHROMATES
GS CHROMIUM COMPOUNDS
CHROMATES
POTASSIUM CHROMATES
RT ∞ OXYGEN COMPOUNDS

CHROMATOGRAPHY

GS **CHROMATOGRAPHY**
GAS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY
PAPER CHROMATOGRAPHY
THIN LAYER CHROMATOGRAPHY
RT ADSORPTION
CHEMICAL ANALYSIS
COLORIMETRY
QUANTITATIVE ANALYSIS
SORPTION

CHROME

USE CHROMIUM

CHROMIC ACID

GS ACIDS
CHROMIC ACID
CHROMIUM COMPOUNDS
CHROMIC ACID

CHROMITES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
CHROMIUM OXIDES
CHROMITES
IRON OXIDES
CHROMITES
CHROMIUM COMPOUNDS
CHROMIUM OXIDES
CHROMITES
IRON COMPOUNDS
IRON OXIDES
CHROMITES
MINERALS
CHROMITES
RT PERIDOTITE
SERPENTINE

CHROMIUM

UF CHROME
GS CHEMICAL ELEMENTS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
RT STRATEGIC MATERIALS

CHROMIUM ALLOYS

GS ALLOYS
CHROMIUM ALLOYS
ASTROLOY (TRADEMARK)
CHROMIUM STEELS
RENE 41
RENE 63
RENE 77

NASA THESAURUS (VOLUME 1)**CHROMIUM ALLOYS-(CONT)**

RENE 95
RT HEAT RESISTANT ALLOYS
INCONEL (TRADEMARK)
STAINLESS STEELS
STELLITE (TRADEMARK)
WASPALLOY

CHROMIUM BORIDES

GS BORON COMPOUNDS
BORIDES
CHROMIUM BORIDES
CHROMIUM COMPOUNDS
CHROMIUM BORIDES

CHROMIUM BROMIDES

GS CHROMIUM COMPOUNDS
CHROMIUM BROMIDES
HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
CHROMIUM BROMIDES
HALIDES
BROMIDES
CHROMIUM BROMIDES
METAL HALIDES
CHROMIUM BROMIDES

CHROMIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
CHROMIUM CARBIDES
CHROMIUM COMPOUNDS
CHROMIUM CARBIDES

CHROMIUM COMPOUNDS

GS **CHROMIUM COMPOUNDS**
CHROMATES
POTASSIUM CHROMATES
CHROMIC ACID
CHROMIUM BORIDES
CHROMIUM BROMIDES
CHROMIUM CARBIDES
CHROMIUM FLUORIDES
CHROMIUM OXIDES
CHROMITES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 6B COMPOUNDS
∞ METAL COMPOUNDS

CHROMIUM FLUORIDES

GS CHROMIUM COMPOUNDS
CHROMIUM FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
CHROMIUM FLUORIDES
HALIDES
METAL HALIDES
CHROMIUM FLUORIDES

CHROMIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
CHROMIUM ISOTOPES
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES

CHROMIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
CHROMIUM OXIDES
CHROMITES
CHROMIUM COMPOUNDS
CHROMIUM OXIDES
CHROMITES

CHROMIUM STEELS

GS ALLOYS
CHROMIUM ALLOYS
CHROMIUM STEELS
IRON ALLOYS

CHROMIUM STEELS-(CONT)

STEELS
CHROMIUM STEELS
 RT FERRITIC STAINLESS STEELS

CHROMOSOMES

GS CELLS (BIOLOGY)
CHROMOSOMES
 RT CONGENITAL ANOMALIES
 CYTOLOGY
 GENETIC CODE
 GENETICS
 MITOSIS
 MUTATIONS
 ∞ NUCLEI
 REPRODUCTIVE SYSTEMS
 TETRAD THEORY

CHROMOSPHERE

GS ENVIRONMENTS
 EXTRATERRESTRIAL ENVIRONMENTS
 STELLAR ATMOSPHERES
CHROMOSPHERE
 RT CORONAL LOOPS
 FACULAE
 PHOTOSPHERE
 SOLAR ATMOSPHERE
 SOLAR CORONA
 SOLAR PROMINENCES
 SPICULES
 STELLAR STRUCTURE
 STELLAR WINDS

CHRONAXY

GS TIME
 REACTION TIME
CHRONAXY
 RT RESPONSES
 SENSORY STIMULATION
 THRESHOLDS (PERCEPTION)

CHRONIC CONDITIONS

GS CONDITIONS
CHRONIC CONDITIONS
 RT BLOOD VOLUME
 DISEASES
 DISORDERS
 HEALTH
 PHYSIOLOGY

CHRONOGRAPHS

USE CHRONOMETERS

CHRONOLOGY

UF AGE DETERMINATION
 DATING
 GS **CHRONOLOGY**
 GEOCHRONOLOGY
 RT TIME

CHRONOMETERS

UF CHRONOGRAPHS
 GS MEASURING INSTRUMENTS
 TIME MEASURING INSTRUMENTS
 CLOCKS
CHRONOMETERS
 RT ATOMIC CLOCKS
 CLOCK PARADOX
 TIME MEASUREMENT
 TIMING DEVICES

CHRONOPHOTOGRAPHY

UF TIME LAPSE PHOTOGRAPHY
 GS IMAGERY
CHRONOPHOTOGRAPHY
 PHOTOGRAPHY
CHRONOPHOTOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY
 MOTION PICTURES

CHRONOTRONS

USE PULSE RATE
 TIME LAG

CHUCKCHI SEA

GS SEAS
CHUCKCHI SEA
 RT ARCTIC REGIONS

CHUGGING

USE COMBUSTION STABILITY

CHUTES

UF SLIDES

CHUTES-(CONT)

RT CONVEYORS
 MATERIALS HANDLING

CID

USE CHARGE INJECTION DEVICES

CINDER CONES

USE CONES (VOLCANOES)

CINEFLUOROGRAPHY

USE MOTION PICTURES
 RADIOGRAPHY

CINEMATOGRAPHY

GS IMAGERY
CINEMATOGRAPHY
 PHOTOGRAPHY
CINEMATOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY
 CAMERAS
 COLOR PHOTOGRAPHY
 INFRARED PHOTOGRAPHY
 MOTION PICTURES
 STEREOPHOTOGRAPHY
 STREAK CAMERAS

CINERADIOGRAPHY

USE MOTION PICTURES
 RADIOGRAPHY

CINESPECTROGRAPHS

RT OPTICAL MEASURING INSTRUMENTS
 SPECTROSCOPY

CINETHEODOLITES

GS MEASURING INSTRUMENTS
 OPTICAL MEASURING INSTRUMENTS
 TRANSITS
 THEODOLITES
CINETHEODOLITES
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 TRANSITS
 THEODOLITES
CINETHEODOLITES
 RT PHOTOGRAPHIC TRACKING
 SATELLITE TRACKING

CIRCADIAN RHYTHMS

UF DIURNAL RHYTHMS
 GS RHYTHM (BIOLOGY)
CIRCADIAN RHYTHMS
 RT ACTIVITY CYCLES (BIOLOGY)

CIRCLES (GEOMETRY)

GS GEOMETRY
 EUCLIDEAN GEOMETRY
CIRCLES (GEOMETRY)
 GREAT CIRCLES
 RT CIRCUMFERENCES
 CURVES (GEOMETRY)
 ELLIPSES
 RADII
 ∞ RINGS
 ∞ SECTORS
 SEGMENTS
 SPHERES

CIRCUIT BOARDS

RT ELECTRONIC PACKAGING
 PRINTED CIRCUITS

CIRCUIT BREAKERS

UF BREAKERS (ELECTRIC)
 RT DISCONNECT DEVICES
 DROPOUTS
 ELECTRIC RELAYS
 ∞ FUSES
 SWITCHES
 SWITCHING CIRCUITS

CIRCUIT DIAGRAMS

UF SCHEMATICS
 GS DIAGRAMS
CIRCUIT DIAGRAMS
 RT ENGINEERING DRAWINGS
 LAYOUTS
 PHOTOMASKS

CIRCUIT PROTECTION

GS PROTECTION
CIRCUIT PROTECTION
 RT CAPACITORS

CIRCUIT PROTECTION-(CONT)

CIRCUITS
 CURRENT REGULATORS
 ELECTRIC FUSES
 ELECTRIC POWER TRANSMISSION
 ELECTRIC REACTORS
 ELECTRICAL FAULTS
 ELECTRICAL GROUNDING
 ELECTRICAL INSULATION
 EXPULSION
 ∞ FUSES
 OVERVOLTAGE
 PHASE CONTROL
 PHASE ERROR
 SNEAK CIRCUIT ANALYSIS
 SUPPRESSORS
 SURGES
 TRANSFORMERS
 TRANSMISSION CIRCUITS
 TRANSMISSION LINES
 VOLTAGE REGULATORS

CIRCUIT RELIABILITY

GS RELIABILITY
CIRCUIT RELIABILITY
 RT AIRCRAFT RELIABILITY
 COMPONENT RELIABILITY
 DRIFT (INSTRUMENTATION)
 QUALITY CONTROL
 SNEAK CIRCUIT ANALYSIS
 SPACECRAFT RELIABILITY

CIRCUITS

UF ELECTRIC CIRCUITS
 EXPLODING CONDUCTOR CIRCUITS
 SHUNTS
 SUBCIRCUITS
 GS **CIRCUITS**
 ADDING CIRCUITS
 ANALOG CIRCUITS
 AUTODYNES
 BISTABLE CIRCUITS
 CANCELLATION CIRCUITS
 CLAMPING CIRCUITS
 COINCIDENCE CIRCUITS
 COMPARATOR CIRCUITS
 CONJUGATED CIRCUITS
 COUNTING CIRCUITS
 SCALERS
 COUPLING CIRCUITS
 DELAY CIRCUITS
 PHANTASTRONS
 DIGITAL INTEGRATORS
 DIPLEXERS
 DISCRIMINATORS
 FRAUNHOFER LINE DISCRIMINATORS
 FREQUENCY DISCRIMINATORS
 ECHO SUPPRESSORS
 ELECTRIC BRIDGES
 WIRE BRIDGE CIRCUITS
 WHEATSTONE BRIDGES
 EQUIVALENT CIRCUITS
 FEEDBACK CIRCUITS
 FIRE CONTROL CIRCUITS
 FLUIDIC CIRCUITS
 FLIP-FLOPS
 GATES (CIRCUITS)
 THRESHOLD GATES
 HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 DTL INTEGRATED CIRCUITS
 ENCAPSULATED MICROCIRCUITS
 LARGE SCALE INTEGRATION
 LINEAR INTEGRATED CIRCUITS
 TTL INTEGRATED CIRCUITS
 VERY LARGE SCALE INTEGRATION
 VHSIC (CIRCUITS)
 ITERATIVE NETWORKS
 LC CIRCUITS
 LIMITER CIRCUITS
 CLIPPER CIRCUITS
 LINEAR CIRCUITS
 LOGIC CIRCUITS
 THRESHOLD GATES
 MAGNETIC CIRCUITS
 MATRICES (CIRCUITS)
 MICROWAVE CIRCUITS
 MIXING CIRCUITS
 MULTIVIBRATORS
 FLIP-FLOPS
 MONOSTABLE MULTIVIBRATORS
 NEGATIVE RESISTANCE CIRCUITS
 OHMS LAW
 PHASE DETECTORS
 SYNCHROSCOPES

CIRCULAR CONES

CIRCUITS-(CONT)

PHASE SHIFT CIRCUITS
CIRCULATORS (PHASE SHIFT CIRCUITS)
PNEUMATIC CIRCUITS
POWER SUPPLY CIRCUITS
PRINTED CIRCUITS
LARGE SCALE INTEGRATION
MEDIUM SCALE INTEGRATION
RC CIRCUITS
RL CIRCUITS
RLC CIRCUITS
SQUELCH CIRCUITS
SWEEP CIRCUITS
SWITCHING CIRCUITS
FLUID SWITCHING ELEMENTS
TRANSISTOR CIRCUITS
TRANSMISSION CIRCUITS
TRIGGER CIRCUITS
VARACTOR DIODE CIRCUITS
RT AMPLIFIERS
BREADBOARD MODELS
CAPACITORS
∞ CASCADES
CIRCUIT PROTECTION
DIFFERENTIATORS
DUALITY PRINCIPLE
DUPLEXERS
ELECTRIC CONNECTORS
ELECTRIC CURRENT
∞ ELECTRIC EQUIPMENT
ELECTRIC FILTERS
ELECTRIC MOTORS
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
ELECTRICAL GROUNDING
ELECTROMECHANICS
ELECTRON TUBES
FLAT CONDUCTORS
INDUCTORS
INTEGRATORS
KIRCHHOFF LAW OF NETWORKS
LOOPS
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MINIATURIZATION
MODULES
NETWORK ANALYSIS
∞ NETWORKS
OSCILLATORS
SELECTORS
SHORT CIRCUITS
SIGNAL GENERATORS
SOLID STATE DEVICES
SOLIONS
∞ STRIP
TRANSMISSION LINES
TREES (MATHEMATICS)
UNDERGROUND TRANSMISSION LINES
VOLTAGE CONTROLLED OSCILLATORS
WIRING

CIRCULAR CONES

GS CONES
CIRCULAR CONES
RT HALF CONES
NOSE CONES

CIRCULAR CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
ELLIPTICAL CYLINDERS

CIRCULAR ORBITS

GS ORBITS
CIRCULAR ORBITS
STATIONARY ORBITS
RT EARTH ORBITS
ECCENTRIC ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
GEOSYNCHRONOUS ORBITS
LUNAR ORBITS
ORBITAL MECHANICS
PLANETARY ORBITS
POLAR ORBITS
QUADRATURES
SATELLITE ORBITS
SOLAR ORBITS
SPACECRAFT ORBITS
TWENTY-FOUR HOUR ORBITS

CIRCULAR PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
CIRCULAR PLATES
RT ANNULAR PLATES
DISKS (SHAPES)
END PLATES
FLAT PLATES

CIRCULAR POLARIZATION

GS POLARIZATION (WAVES)
CIRCULAR POLARIZATION
RT ELLIPTICAL POLARIZATION
OPTICAL POLARIZATION

CIRCULAR SHELLS

GS SHELLS (STRUCTURAL FORMS)
CIRCULAR SHELLS
RT CYLINDRICAL SHELLS
HEMISPHERICAL SHELLS
METAL SHELLS
SPHERICAL SHELLS

CIRCULAR TUBES

RT CYLINDRICAL SHELLS
DUCT GEOMETRY
PIPES (TUBES)
∞ TUBES

CIRCULAR WAVEGUIDES

GS TRANSMISSION LINES
COMMUNICATION CABLES
WAVEGUIDES
CIRCULAR WAVEGUIDES
RT MICROWAVE TRANSMISSION
PROPAGATION MODES

CIRCULATION

UF RECIRCULATION
GS CIRCULATION
ATMOSPHERIC CIRCULATION
BLOOD CIRCULATION
BRAIN CIRCULATION
CORONARY CIRCULATION
INTERCRANIAL CIRCULATION
INTRAVASCULAR SYSTEM
ISCHEMIA
OCULAR CIRCULATION
PERIPHERAL CIRCULATION
PULMONARY CIRCULATION
CARBOXYHEMOGLOBIN
CONGESTION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
COASTAL CURRENTS
EL NINO
GULF STREAM
LOMONOSOV CURRENT
RT ARTIFICIAL CARDIAC PACEMAKER
BLOOD
BLOOD PUMPS
BLOWING
CIRCULATION DISTRIBUTION
∞ CURRENTS
DELIVERY
DIFFUSION
DISPERSING
HEART IMPLANTATION
PURGING
ROTATION

CIRCULATION CONTROL AIRFOILS

GS AIRFOILS
CIRCULATION CONTROL AIRFOILS
RT BLOWING
BOUNDARY LAYER CONTROL
COANDA EFFECT
∞ CONTROL
LIFT AUGMENTATION
SHORT TAKEOFF AIRCRAFT
UNDER SURFACE BLOWING
UPPER SURFACE BLOWING

CIRCULATION CONTROL ROTORS

GS ROTATING BODIES
ROTORS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
RT ∞ CONTROL
VERTICAL TAKEOFF AIRCRAFT
X WING ROTORS

CIRCULATION DISTRIBUTION

RT ATMOSPHERIC CIRCULATION

NASA THESAURUS (VOLUME 1)

CIRCULATION DISTRIBUTION-(CONT)

CIRCULATION
∞ DISTRIBUTION
VELOCITY DISTRIBUTION

CIRCULATORS (PHASE SHIFT CIRCUITS)

GS CIRCUITS
PHASE SHIFT CIRCUITS
CIRCULATORS (PHASE SHIFT CIRCUITS)
RT CAVITY RESONATORS
DELAY CIRCUITS
DUPLEXERS
FARADAY EFFECT
HALL GENERATORS
LIMITER CIRCUITS

CIRCULATORY SYSTEM

GS ANATOMY
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CAPILLARIES (ANATOMY)
GLOMERULUS
VEINS
RT ARTERIOSCLEROSIS
ARTIFICIAL CARDIAC PACEMAKER
BLOOD CIRCULATION
BLOOD PUMPS
CARDIOVASCULAR SYSTEM
CAROTID SINUS BODY
CAROTID SINUS REFLEX
EXERCISE PHYSIOLOGY
HEART
HYPERVOLEMIA

CIRCUMFERENCES

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CIRCUMFERENCES
RT BOUNDARIES
CIRCLES (GEOMETRY)
DIAMETERS
RADIUS

CIRCUMLUNAR COMMUNICATION

GS TELECOMMUNICATION
SPACE COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
RT INTERPLANETARY COMMUNICATION
RADAR
RADIO COMMUNICATION
SPACECRAFT COMMUNICATION
UNIFIED S BAND

CIRCUMLUNAR TRAJECTORIES

GS TRAJECTORIES
ROUND TRIP TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
SPACECRAFT TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
RT EARTH ORBITS
EARTH-MOON TRAJECTORIES
LUNAR FLIGHT
LUNAR ORBITS
MOON-EARTH TRAJECTORIES
REENTRY TRAJECTORIES
RENDEZVOUS TRAJECTORIES
TRANSFER ORBITS

CIRCUMPOLAR WESTERLIES

GS WIND (METEOROLOGY)
CIRCUMPOLAR WESTERLIES
RT ATMOSPHERIC CIRCULATION
JET STREAMS (METEOROLOGY)
WINDS ALOFT

CIRCUMSOLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
CIRCUMSOLAR RADIATION
RT ATMOSPHERIC SCATTERING
LIGHT SCATTERING
∞ RADIATION
SCATTERING
SUNLIGHT

CIRCUMSOLAR TELESCOPES

GS TELESCOPES
CIRCUMSOLAR TELESCOPES

CIRCUMSOLAR TELESCOPES-(CONT)

RT LENSES
MEASURING INSTRUMENTS
MIRRORS
OPTICAL EQUIPMENT
RADIATION PYROMETERS
SOLAR ENERGY
SOLAR RADIATION

CIRCUMSTELLAR MATTER

USE STELLAR ENVELOPES

CIRQUES (LANDFORMS)

GS LANDFORMS
STRUCTURAL BASINS
CIRQUES (LANDFORMS)
RT GLACIERS
ICE
MOUNTAINS
SNOW

CIRROCUMULUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CIRROCUMULUS CLOUDS
RT ATMOSPHERIC MOISTURE
CIRROSTRATUS CLOUDS
CLIMATOLOGY
CLOUD COVER
FOG
METEOROLOGY
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
THUNDERSTORMS
WEATHER

CIRROSTRATUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CIRROSTRATUS CLOUDS
RT ATMOSPHERIC MOISTURE
CIRROCUMULUS CLOUDS
CLIMATOLOGY
CLOUD COVER
FOG
METEOROLOGY
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
THUNDERSTORMS
WEATHER

CIRRUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
CIRRUS CLOUDS

CIRRUS SHIELDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CIRRUS SHIELDS
RT CLIMATOLOGY
METEOROLOGY
WEATHER FORECASTING

CISLUNAR SPACE

GS ENVIRONMENTS
AEROSPACE ENVIRONMENTS
CISLUNAR SPACE
EXTRATERRESTRIAL ENVIRONMENTS
CISLUNAR SPACE
RT DEEP SPACE
EARTH-MOON TRAJECTORIES
INTERPLANETARY SPACE
LUNAR FLIGHT
LUNAR ORBITS
∞ SPACE

CITIES

UF METROPOLITAN AREAS
URBAN AREAS
GS **CITIES**
ATLANTA (GA)
CEDAR RAPIDS (IA)
HOUSTON (TX)
MANITOU (CO)
MOSCOW
NEW HAVEN (CT)
NEW YORK CITY (NY)
PHOENIX (AZ)
PONTIAC (MI)
SAN FRANCISCO (CA)
VATICAN CITY
RT ANTHROPOLOGY
COMMUNITIES

CITIES-(CONT)

HEAT ISLANDS
INDUSTRIAL AREAS
INHABITANTS
MEGALOPOLISES
NATIONS
RESIDENTIAL AREAS
SOCIOLOGY
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN PLANNING
URBAN RESEARCH

CITRATES

RT CITRIC ACID
ESTERS

CITRIC ACID

GS ALIPHATIC COMPOUNDS
CITRIC ACID
CARBOHYDRATES
CITRIC ACID
RT CITRATES

CITRUS TREES

GS PLANTS (BOTANY)
TREES (PLANTS)
CITRUS TREES
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
CURING
∞ FOOD
IRRIGATION
ORCHARDS
SEEDS

CIVIL AVIATION

UF COMMERCIAL AVIATION
RT ∞ AERONAUTICS
AIR LAW
AIRLINE OPERATIONS
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
PASSENGER AIRCRAFT

CIVIL DEFENSE

RT AIR DEFENSE
ANTIMISSILE DEFENSE
CHEMICAL DEFENSE
∞ DEFENSE
DEFENSE PROGRAM
EVACUATING (TRANSPORTATION)
NUCLEAR EXPLOSIONS
NUCLEAR WARFARE
PROTECTION
SENTINEL SYSTEM
SHELTERS
SURVIVAL
WARNING
WARNING SYSTEMS

CL-41 AIRCRAFT

UF CANADAIR CL-41 AIRCRAFT
CT-114 AIRCRAFT
TUTOR AIRCRAFT
GS ATTACK AIRCRAFT
CL-41 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CANADAIR AIRCRAFT
CL-41 AIRCRAFT
JET AIRCRAFT
CL-41 AIRCRAFT
MONOPLANES
CL-41 AIRCRAFT
TRAINING AIRCRAFT
CL-41 AIRCRAFT
RT ∞ AIRCRAFT

CL-44 AIRCRAFT

UF CANADAIR CL-44 AIRCRAFT
CC-106 AIRCRAFT
YUKON AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
CANADAIR AIRCRAFT
CL-44 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
CL-44 AIRCRAFT
MONOPLANES
CL-44 AIRCRAFT
TRANSPORT AIRCRAFT

CL-44 AIRCRAFT-(CONT)

CARGO AIRCRAFT
CL-44 AIRCRAFT
RT ∞ AIRCRAFT
CL-84 AIRCRAFT
UF CANADAIR CL-84 AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
CL-84 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CANADAIR AIRCRAFT
CL-84 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
CL-84 AIRCRAFT
OBSERVATION AIRCRAFT
CL-84 AIRCRAFT
RECONNAISSANCE AIRCRAFT
CL-84 AIRCRAFT
TILT WING AIRCRAFT
CL-84 AIRCRAFT
TRANSPORT AIRCRAFT
CL-84 AIRCRAFT
V/STOL AIRCRAFT
CL-84 AIRCRAFT
RT ∞ AIRCRAFT

CL-595 HELICOPTER

USE XH-51 HELICOPTER

CL-600 CHALLENGER AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
CL-600 CHALLENGER AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
SUPERCRITICAL WINGS

CL-823 AIRCRAFT

UF LOCKHEED CL-823 AIRCRAFT
GS JET AIRCRAFT
CL-823 AIRCRAFT
LOCKHEED AIRCRAFT
CL-823 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
CL-823 AIRCRAFT
TRANSPORT AIRCRAFT
CL-823 AIRCRAFT
RT ∞ AIRCRAFT

CLADDING

GS METAL WORKING
CLADDING
RT ANODIC STRIPPING
CATHODIC COATINGS
COLD WORKING
COMPOSITE MATERIALS
EXPLOSIVE WELDING
EXTRUDING
LAMINATES
METAL COATINGS
METALLIZING
PLATING
PROTECTIVE COATINGS

CLAIMING

RT ∞ LAW
PATENTS
PREEMPTING

CLAMPING CIRCUITS

GS CIRCUITS
CLAMPING CIRCUITS
RT LIMITER CIRCUITS
POWER LIMITERS

CLAMPS

RT ∞ BANDS
CLIPS
FASTENERS
HOLDERS
JIGS
MECHANICAL DEVICES
SEALING
STRAPS

CLARITY

RT ATMOSPHERIC OPTICS
ELECTROMAGNETIC PROPERTIES
HAZE
OPACITY
OPTICAL PROPERTIES
PURITY
∞ SHARPNESS

CLARK Y AIRFOIL

CLARITY-(CONT)

SOLUBILITY
TRANSPARENCY
TURBIDITY

CLARK Y AIRFOIL

USE AIRFOIL PROFILES

CLASSES

RT CATEGORIES
∞ GROUPS
∞ SECTIONS

CLASSIC AIRCRAFT

USE IL-62 AIRCRAFT

CLASSICAL MECHANICS

GS **CLASSICAL MECHANICS**
SPACE MECHANICS
ASTRODYNAMICS
CELESTIAL MECHANICS
ORBITAL MECHANICS
KEPLER LAWS
MINIMUM VARIANCE ORBIT
DETERMINATION
RT ANGULAR MOMENTUM
CONTINUUM MECHANICS
EQUATIONS OF MOTION
EULER-LAGRANGE EQUATION
HAMILTONIAN FUNCTIONS
LAGRANGE COORDINATES
MAXWELL BODIES
∞ MECHANICS (PHYSICS)
MOMENTUM
PHASE-SPACE INTEGRAL
POISSON EQUATION
QUATERNIONS
STATISTICAL MECHANICS

CLASSIFICATIONS

GS **CLASSIFICATIONS**
HIERARCHIES
BBGKY HIERARCHY
DICHOTOMIES
INDEXES (DOCUMENTATION)
KWIC INDEXES
SUBJECTS
RT ASTRONOMICAL CATALOGS
∞ BREAKDOWN
∞ CLASSIFYING
CLUSTER ANALYSIS
TAXONOMY
WISWESSER NOTATIONS

CLASSIFIERS

GS SEPARATORS
CLASSIFIERS
SIZING SCREENS
THICKENERS (EQUIPMENT)
RT CENTRIFUGES
CONCENTRATING
CONCENTRATORS
FLOTATION
∞ SEPARATION
SHAKERS
SIZE DETERMINATION
SIZE SEPARATION
SPIRALS (CONCENTRATORS)

∞ CLASSIFYING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SORTING
RT CLASSIFICATIONS
CONCENTRATORS
DISCRIMINANT ANALYSIS (STATISTICS)
EVALUATION
SECURITY
SELECTION
SIZE SEPARATION
TAXONOMY

CLATHRATES

RT, ∞ CHEMICAL COMPOUNDS
CRYSTAL STRUCTURE
CRYSTALS
INCLUSIONS

CLAYS

GS **CLAYS**
ILLITE
KAOLINITE
MONTMORILLONITE

CLAYS-(CONT)

RT VERMICULITE
ALLUVIUM
BOREHOLES
BRICKS
CERAMICS
COLLOIDS
FANS (LANDFORMS)
GROUT
MASONRY
MINING
MOLDING MATERIALS
MUD
REFRACTORY MATERIALS
ROCKS
SEDIMENTARY ROCKS
SEDIMENTS
SHALES
SIZING MATERIALS
SOILS
STRIP MINING

CLEAN ENERGY

RT AIR POLLUTION
ENVIRONMENT POLLUTION
ENVIRONMENTAL ENGINEERING
GEOTHERMAL ENERGY CONVERSION
SOLAR ENERGY
TIDEPower
WATER POLLUTION
WATERWAVE ENERGY
WINDPOWER UTILIZATION

CLEAN FUELS

GS **FUELS**
CLEAN FUELS
FUEL OILS
RT BENEFICIATION
CHEMICAL FUELS
HYDROCARBON FUELS
POLLUTION
REFINING
SYNTHETIC FUELS

CLEAN ROOMS

GS ROOMS
RT **CLEAN ROOMS**
ASSEMBLING
CLEANLINESS
CONTROLLED ATMOSPHERES
ENVIRONMENTAL CONTROL

CLEANERS

GS **CLEANERS**
AIR FILTERS
RT ∞ ABSORBERS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
CLEANING
CLEANLINESS
SEPARATORS
ULTRASONIC CLEANING
WASHERS (CLEANERS)

CLEANING

GS **CLEANING**
HOUSEKEEPING (SPACECRAFT)
ULTRASONIC CLEANING
RT ABRASION
ANTIFOULING
ANTISEPTICS
BLEACHING
CHEMICAL CLEANING
CLEANERS
CLEANLINESS
CLEANING
CORROSION PREVENTION
DECONTAMINATION
DESCALING
DISSOLVING
DUST
FLUSHING
METAL FINISHING
METAL POLISHING
POLISHING
PURIFICATION
∞ REDUCTION
REFINING
SCARFING
SCAVENGING
SCRUBBERS
∞ SEPARATION
STERILIZATION
SURFACE FINISHING
WASHING

NASA THESAURUS (VOLUME 1)

CLEANING-(CONT)

WASTE WATER

CLEANLINESS

GS **CLEANLINESS**
HOUSEKEEPING (SPACECRAFT)
RT CLEAN ROOMS
CLEANERS
CLEANING
HYGIENE
ORAL HYGIENE

CLEAR AIR TURBULENCE

GS TURBULENCE
ATMOSPHERIC TURBULENCE
CLEAR AIR TURBULENCE
RT GUSTS
JET STREAMS (METEOROLOGY)
THERMAL INSTABILITY
TURBULENT DIFFUSION
WIND SHEAR

CLEARANCES

RT ADJUSTING
ALIGNMENT
ALLOWANCES
DATUM (ELEVATION)
SPACING
TIGHTNESS
TOLERANCES (MECHANICS)

CLEARING

RT CLEANING
PURGING
REMOVAL

CLEARINGS (OPENINGS)

UF SLASHES
RT DEFORESTATION
FIREBREAKS
FORESTS
TREES (PLANTS)

CLEAVAGE

UF SCISSION
RT BRITTLE MATERIALS
BRITTLENESS

CLEBSCH-GORDAN COEFFICIENTS

GS COEFFICIENTS
CLEBSCH-GORDAN COEFFICIENTS
RT ANGULAR MOMENTUM
COUPLING

CLIFFS

UF BLUFFS (LANDFORMS)
RT CANYONS
ESCARPMENTS
FIORDS
LANDSLIDES
LEDGES
∞ SHELVES
SLOPES
TOPOGRAPHY

CLIMATE

UF MACROCLIMATE
RT CLIMATOLOGY
LONG TERM EFFECTS
METEOROLOGY
WEATHER

CLIMATOLOGY

UF MILANKOVITCH THEORY
GS **CLIMATOLOGY**
AGROCLIMATOLOGY
MICROCLIMATOLOGY
RT ANTARCTIC REGIONS
ANVIL CLOUDS
ARCTIC REGIONS
ATMOSPHERIC CIRCULATION
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CIRRUS SHIELDS
CLIMATE
CLOUD COVER
CLOUD DISPERSAL
CLOUDS (METEOROLOGY)
DENDROCHRONOLOGY
DESERTLINE
DESERTS
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL ENGINEERING

CLIMATOLOGY-(CONT)

FOG DISPERSAL
GEOGRAPHY
HAILSTORMS
HEAT ISLANDS
HUMIDITY
HURRICANES
HYDROCLIMATOLOGY
HYDROLOGY
LIGHTNING SUPPRESSION
METEOROLOGY
MIDDLE ATMOSPHERE
PERIODIC VARIATIONS
PHENOLOGY
POLAR METEOROLOGY
POLAR REGIONS
PRECIPITATION (METEOROLOGY)
PRIMITIVE EQUATIONS
RAINMAKING
SEA BREEZE
SEASONS
SNOWSTORMS
SOLAR RADIATION
STORM ENHANCEMENT
STORM SUPPRESSION
STORMS
STORMS (METEOROLOGY)
SUNLIGHT
TEMPERATE REGIONS
TEMPERATURE
TROPICAL REGIONS
WEATHER
WIND (METEOROLOGY)

CLIMBING FLIGHT

GS ASCENT
RT CLIMBING FLIGHT
ASCENT TRAJECTORIES
COASTING FLIGHT
∞ FLIGHT
FLIGHT PATHS
HORIZONTAL FLIGHT
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING
TAKEOFF
TURNING FLIGHT
VERTICAL FLIGHT

CLINICAL MEDICINE

RT ANESTHESIOLOGY
BED REST
BLOOD VOLUME
CASE HISTORIES
DIAGNOSIS
EXAMINATION
HEALING
HEALTH
HUMAN BEINGS
MEDICAL SCIENCE
∞ MEDICINE
∞ OPERATIONS
SPORTS MEDICINE
SURGERY
TRANSPLANTATION
∞ TREATMENT

CLIPPER CIRCUITS

GS CIRCUITS
LIMITER CIRCUITS
RT CLIPPER CIRCUITS
COMPARATOR CIRCUITS
POWER LIMITERS

CLIPS

RT ANCHORS (FASTENERS)
∞ BANDS
CLAMPS
COUPLINGS
FASTENERS
HOLDERS
MECHANICAL DEVICES

CLOCK PARADOX

GS TIME MEASUREMENT
CLOCK PARADOX
RT ATOMIC CLOCKS
CHRONOMETERS
TIME SIGNALS
TIMING DEVICES

CLOCKS

UF WATCHES
GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS

CLOCKS-(CONT)

CLOCKS
ATOMIC CLOCKS
AUTONOMOUS SPACECRAFT
CLOCKS
CHRONOMETERS
RT TIME MEASUREMENT
TIMING DEVICES

CLOGGING

USE PLUGGING

CLOSE PACKED LATTICES

GS CRYSTAL LATTICES
CLOSE PACKED LATTICES
RT BODY CENTERED CUBIC LATTICES
FACE CENTERED CUBIC LATTICES

CLOSED BASINS

USE STRUCTURAL BASINS

CLOSED CIRCUIT TELEVISION

GS COMMUNICATION EQUIPMENT
CLOSED CIRCUIT TELEVISION
TELECOMMUNICATION
CLOSED CIRCUIT TELEVISION
TELEVISION SYSTEMS
CLOSED CIRCUIT TELEVISION
RT COLOR TELEVISION
EDUCATIONAL TELEVISION
STEREOTELEVISION
TELEVISION CAMERAS
TELEVISION RECEIVERS
TELEVISION TRANSMISSION
WIRELESS COMMUNICATION

CLOSED CYCLES

SN (EXCLUDES CLOSED LOOP CONTROL SYSTEMS)
RT CONTROL THEORY
COOLING SYSTEMS
ELECTRIC GENERATORS
GAS TURBINES
LOOPS
NUCLEAR REACTORS
PLASMA GENERATORS
THERMAL CYCLING TESTS
THERMODYNAMIC CYCLES

CLOSED ECOLOGICAL SYSTEMS

UF BIOREGENERATIVE LIFE SUPPORT SYSTEMS
GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
CLOSED ECOLOGICAL SYSTEMS
RT AEROSPACE MEDICINE
BIOASTRONAUTICS
ECOLOGY
ECOSYSTEMS
GNOTOBIOTICS
LONG TERM EFFECTS
OXYGEN PRODUCTION
SPACE HABITATS
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT ENVIRONMENTS
SURVIVAL
∞ SYSTEMS

CLOSED FAULTS

USE GEOLOGICAL FAULTS

CLOSED LOOP SYSTEMS

USE FEEDBACK CONTROL

CLOSING

RT BLOCKING
PLUGGING
SEALING
STOPPING

CLOSTRIDIUM BOTULINUM

GS MICROORGANISMS
BACTERIA
CLOSTRIDIUM BOTULINUM
RT BACTERIOLOGY
PATHOGENS
TOXIC DISEASES

CLOSURE LAW

GS LAWS
CLOSURE LAW
RT FIELD THEORY (PHYSICS)
STATISTICAL MECHANICS
TURBULENT FLOW

CLOSURES

RT ∞ BARRIERS
BLOCKING
CHOKES (RESTRICTIONS)
CONSTRICTIONS
COUPLINGS
COVERINGS
ENCLOSURES
END PLATES
FASTENERS
FITTINGS
∞ GATES
JOINTS (JUNCTIONS)
PLUGGING
PLUGS
SEALS (STOPPERS)
TIGHTNESS
VALVES

CLOTH

USE FABRICS

CLOTHING

GS CLOTHING
BOOTS (FOOTWEAR)
COTTON FIBERS
COVERALLS
FLIGHT CLOTHING
GARMENTS
GLOVES
GOGGLES
PROTECTIVE CLOTHING
HELMETS
PRESSURE SUITS
SPACE SUITS
VAPOR BARRIER CLOTHING
SHOES
SOCKS
SUITS
PRESSURE SUITS
SPACE SUITS
RT CHEMICAL DEFENSE
CONSUMABLES (SPACECREW SUPPLIES)
COTTON
CUFFS
FABRICS
LEATHER
TEXTILES
VESTS

CLOTTING

RT BLOOD COAGULATION
EMBOLISMS
THROMBOCYTES
THROMBOPLASTIN

CLOUD CHAMBERS

GS IONIZATION CHAMBERS
CLOUD CHAMBERS
RT BUBBLE CHAMBERS
∞ CHAMBERS
RADIATION COUNTERS
SPARK CHAMBERS

CLOUD COVER

UF OVERCAST
RT ANVIL CLOUDS
∞ BLANKETS
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLIMATOLOGY
CLOUDS (METEOROLOGY)
FLIGHT CONDITIONS
METEOROLOGICAL PARAMETERS
METEOROLOGY
METEOSAT SATELLITE
NEPHANALYSIS
SHADOWS
SKY
SKY BRIGHTNESS
SOLAR RADIATION
SUNLIGHT
VENUS CLOUDS
VENUS SURFACE
WEATHER FORECASTING

CLOUD DISPERSAL

GS WEATHER MODIFICATION
CLOUD DISPERSAL
RT CLIMATOLOGY
CLOUDS (METEOROLOGY)
DISPERSING

CLOUD GLACIATION

CLOUD GLACIATION

GS ICE FORMATION
RT **CLOUD GLACIATION**
FREEZING
HAIL
ICE NUCLEI
SNOW
SNOW COVER

CLOUD HEIGHT INDICATORS

UF CEILOMETERS
GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
CLOUD HEIGHT INDICATORS
METEOROLOGICAL INSTRUMENTS
CLOUD HEIGHT INDICATORS
RT CEILINGS (METEOROLOGY)

CLOUD PHOTOGRAPHS

GS PHOTOGRAPHS
CLOUD PHOTOGRAPHS
RT AERIAL PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
TIROS PROJECT

CLOUD PHOTOGRAPHY

GS IMAGERY
CLOUD PHOTOGRAPHY
PHOTOGRAPHY
CLOUD PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
ESSA SATELLITES
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
NIMBUS PROJECT
NIMBUS SATELLITES
NIMBUS 1 SATELLITE
NIMBUS 2 SATELLITE
SPACEBORNE PHOTOGRAPHY
TIROS OPERATIONAL SATELLITE
SYSTEM
TIROS PROJECT
TIROS SATELLITES

CLOUD PHYSICS

GS ATMOSPHERIC PHYSICS
CLOUD PHYSICS
RT AITKEN NUCLEI
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
ATMOSPHERIC ELECTRICITY
CONDENSATION NUCLEI
CONDENSING
CONVECTION CLOUDS
DROP SIZE
FOG DISPERSAL
NEPHANALYSIS
OPHIUCHI CLOUDS
∞ PHYSICS
PRECIPITATION (METEOROLOGY)
∞ SCIENCE
VENUS CLOUDS
WEATHER MODIFICATION

CLOUD SEEDING

GS NUCLEATION
CLOUD SEEDING
WEATHER MODIFICATION
CLOUD SEEDING
RT CLOUDS (METEOROLOGY)
PRECIPITATION (METEOROLOGY)
RAIN
RAINMAKING
STIMULATION

CLOUDS

GS **CLOUDS**
ANVIL CLOUDS
CLOUDS (METEOROLOGY)
ARTIFICIAL CLOUDS
CHEMICAL CLOUDS
BARIUM ION CLOUDS
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CIRRUS SHIELDS
CONVECTION CLOUDS
CIRRUS CLOUDS
CUMULONIMBUS CLOUDS
ARC CLOUDS
NIMBOSTRATUS CLOUDS

CLOUDS-(CONT)

STRATOCUMULUS CLOUDS
STRATUS CLOUDS
CUMULUS CLOUDS
NOCTILUCENT CLOUDS
ELECTRON CLOUDS
HYDROGEN CLOUDS
MAGELLANIC CLOUDS
MOLECULAR CLOUDS
PLASMA CLOUDS
VENUS CLOUDS
RT DROP SIZE
DUST
METEOROID DUST CLOUDS
PARTICLES

CLOUDS (METEOROLOGY)

UF CHAOTIC CLOUD PATTERNS
GS **CLOUDS**
CLOUDS (METEOROLOGY)
ARTIFICIAL CLOUDS
CHEMICAL CLOUDS
BARIUM ION CLOUDS
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CIRRUS SHIELDS
CONVECTION CLOUDS
CIRRUS CLOUDS
CUMULONIMBUS CLOUDS
ARC CLOUDS
NIMBOSTRATUS CLOUDS
STRATOCUMULUS CLOUDS
STRATUS CLOUDS
CUMULUS CLOUDS
NOCTILUCENT CLOUDS
RT ACID RAIN
ALPINE METEOROLOGY
ATMOSPHERIC CORRECTION
ATMOSPHERIC MOISTURE
CLIMATOLOGY
CLOUD COVER
CLOUD DISPERSAL
CLOUD SEEDING
CONDENSATION NUCLEI
DROP SIZE
FOG
FOG DISPERSAL
HYDROGEN CLOUDS
METEOROLOGY
NEPHANALYSIS
PLASMA CLOUDS
PRECIPITATION (METEOROLOGY)
SHADOWS
SKY
THUNDERSTORMS
WEATHER

CLUMPS

UF CLUSTERS
RT AGGLOMERATION
PATTERN RECOGNITION
REGRESSION ANALYSIS

CLUSTER ANALYSIS

RT CLASSIFICATIONS
IMAGE ANALYSIS
IMAGE PROCESSING
PATTERN RECOGNITION
REMOTE SENSING
STATISTICAL ANALYSIS

CLUSTERS

USE CLUMPS

CLUTCHES

RT ENGINE PARTS
MECHANICAL DEVICES
MECHANICAL DRIVES

CLUTTER

GS ECHOES
RADAR ECHOES
CLUTTER
RT JAMMING
RADIO FREQUENCY INTERFERENCE

CMOS

UF COMPLEMENTARY METAL OXIDE
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CMOS

NASA THESAURUS (VOLUME 1)

CMOS-(CONT)

SEMICONDUCTORS (MATERIALS)
METAL OXIDE SEMICONDUCTORS
CMOS
RT LATCH-UP

CN EMISSION

UF CYANIDE EMISSION
GS DECAY
EMISSION
RADIO EMISSION
CN EMISSION
ELECTROMAGNETIC RADIATION
RADIO WAVES
RADIO EMISSION
CN EMISSION
RT ELECTROMAGNETIC RADIATION
HYDROCYANIC ACID
MILLIMETER WAVES
RADIO SOURCES (ASTRONOMY)

CNOIDAL WAVES

RT ELASTIC WAVES
GRAVITY WAVES
SHALLOW WATER
SOLITARY WAVES
SURFACE WAVES
WATER DEPTH
WATER WAVES
∞ WAVES

COACHELLA VALLEY (CA)

GS VALLEYS
COACHELLA VALLEY (CA)
RT CALIFORNIA
DESERTS

COAGULATION

GS **COAGULATION**
BLOOD COAGULATION
RT ACCUMULATIONS
AGGLOMERATION
AITKEN NUCLEI
BLOOD
COALESCING
CONCENTRATING
DEPOSITION
EMBOLISMS
FIBRIN
FLOCCULATING
FLOTATION
GELATION
HARDENING (MATERIALS)
HEMORRHAGES
LUMPING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
∞ SETTING
SETTLING
SOLIDIFICATION
THROMBOPENIA
WATER TREATMENT

COAL

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
LIGNITE
SOLVENT REFINED COAL
ROCKS
COAL
LIGNITE
SOLVENT REFINED COAL
SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
LIGNITE
RT ASHES
ASPHALTENES
BITUMENS
CARBONACEOUS MATERIALS
COAL DERIVED GASES
COAL DERIVED LIQUIDS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
COKE
ENERGY POLICY
FLY ASH
HYDROLYSIS
PEAT
REGOLITH
SOILS
STRIP MINING

COAL-(CONT)

SYNTHANE

COAL DERIVED GASES

RT CATALYSTS
COAL
COAL DERIVED LIQUIDS
COAL GASIFICATION
COAL UTILIZATION
METHANE

COAL DERIVED LIQUIDS

RT ASPHALTENES
CATALYSTS
COAL
COAL DERIVED GASES
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION

COAL GASIFICATION

GS GASIFICATION
COAL GASIFICATION
HYDROLYSIS
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
COAL LIQUEFACTION
CRACKING (CHEMICAL ENGINEERING)
ENERGY POLICY
FUEL CELL POWER PLANTS
GASES
HYDROCARBON FUELS
HYDROCRACKING
LIGNITE
METHANATION
SYNTHANE
VOLATILITY

COAL LIQUEFACTION

GS PHASE TRANSFORMATIONS
LIQUEFACTION
COAL LIQUEFACTION
RT ASPHALTENES
COAL
COAL DERIVED LIQUIDS
COAL GASIFICATION
ENERGY POLICY
HYDROCARBON FUELS
HYDROCRACKING
HYDROLYSIS
LIGNITE
MELTING
SOLVENT REFINED COAL

COAL UTILIZATION

GS UTILIZATION
COAL UTILIZATION
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
ENERGY CONSUMPTION
ENERGY POLICY
ENERGY TECHNOLOGY
HYDROCARBON FUELS
LIGNITE
SOLVENT REFINED COAL

COALESCENCE

USE COALESCING

COALESCING

UF COALESCENCE
RT AGGLOMERATION
AGITATION
COAGULATION
CONCENTRATING
FLOCCULATING
MIXERS
SEPARATION
SETTLING
THICKENERS (EQUIPMENT)

COANDA EFFECT

RT ATTACHMENT
BUBBLES
CIRCULATION CONTROL AIRFOILS
EFFECTS
ENTRAINMENT
FLUID AMPLIFIERS
JET AMPLIFIERS
JET STREAMS (METEOROLOGY)
REATTACHED FLOW
SEPARATION
THRUST AUGMENTATION

COARSENESS

RT FINENESS
REFLECTANCE
ROUGHNESS
SURFACE PROPERTIES
SURFACE ROUGHNESS
SURFACE STABILITY
SURFACE TEMPERATURE

COASTAL CURRENTS

UF LITTORAL CURRENTS
LONGSHORE CURRENTS
GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
COASTAL CURRENTS
RT BEACHES
COASTS
CURRENTS
GYRES
OCEANOGRAPHY
OCEANS
SEA TRUTH
SEAS
TIDES
WETLANDS

COASTAL DUNES

USE DUNES

COASTAL ECOLOGY

GS ECOLOGY
COASTAL ECOLOGY
RT BIOMETEOROLOGY
COASTS
EARTH RESOURCES
ENVIRONMENT EFFECTS
ENVIRONMENTS
MARINE ENVIRONMENTS
MARINE RESOURCES
OIL POLLUTION
PHENOLOGY
THERMAL POLLUTION
WATERFOWL
WETLANDS

COASTAL MARSHLANDS

USE MARSHLANDS

COASTAL PLAINS

GS LAND
PLAINS
COASTAL PLAINS
RT BARS (LANDFORMS)
BEACHES
BIOMETEOROLOGY
COASTS
EARTH RESOURCES
ECOLOGY
ENVIRONMENTS
PIEDMONT
WETLANDS

COASTAL RANGES (CA)

GS LANDFORMS
MOUNTAINS
COASTAL RANGES (CA)
RT CALIFORNIA
PACIFIC OCEAN

COASTAL WATER

GS WATER
NEARSHORE WATER
COASTAL WATER
RT ENVIRONMENT EFFECTS
OCEAN COLOR SCANNER
OCEANS
SEA WATER
SHELLFISH
SHORELINES
VADOSE WATER
WATER DEPTH
WETLANDS

COASTAL ZONE COLOR SCANNER

GS SCANNERS
COASTAL ZONE COLOR SCANNER

COASTING FLIGHT

RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
CRUISING FLIGHT

COASTING FLIGHT-(CONT)

DESCENT TRAJECTORIES
FLIGHT
MIDCOURSE TRAJECTORIES
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING

COASTS

RT BEACHES
CASPIAN SEA
COASTAL CURRENTS
COASTAL ECOLOGY
COASTAL PLAINS
CORAL REEFS
CUSPS (LANDFORMS)
DUNES
ESTUARIES
LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
OCEANS
SEAS
SHORELINES
STORM SURGES
TIDAL FLATS
UPWELLING WATER

COATING

GS COATING
ANODIZING
ELECTROPLATING
ENCAPSULATING
METALLIZING
RT ANODIC STRIPPING
COATINGS
CORROSION PREVENTION
DEPOSITION
FLAME PLATING
FLAME SPRAYING
LINING PROCESSES
METAL FINISHING
METAL SPRAYING
METALLURGY
PLASMA SPRAYING
PRIMING
SEALING
SILICONIZING
SPRAYING
SURFACE FINISHING
SURFACE PROPERTIES
VAPOR DEPOSITION

COATINGS

GS COATINGS
ALUMINUM COATINGS
ANTIRADAR COATINGS
ANTIREFLECTION COATINGS
BIREFRINGENT COATINGS
CATHODIC COATINGS
ELECTROPLATING
ENAMELS
ENCAPSULATING
GLASS COATINGS
GLAZES
INORGANIC COATINGS
ANODIC COATINGS
CERAMIC COATINGS
LACQUERS
MAGNETIC FILMS
METAL COATINGS
GOLD COATINGS
NICKEL COATINGS
ZINC COATINGS
METALLIZING
PAINTS
PLASTIC COATINGS
PROTECTIVE COATINGS
ANODIC COATINGS
CERAMIC COATINGS
PRIMERS (COATINGS)
REFRACTORY COATINGS
RUBBER COATINGS
SPRAYED COATINGS
THERMAL CONTROL COATINGS
RT ADDITIVES
COATING
COMPOSITE MATERIALS
CORROSION
CORROSION PREVENTION
COVERINGS
CRYODEPOSITS
DEPOSITION
DEPOSITS

COAXIAL CABLES

COATINGS-(CONT)

DIPPING
ELECTROLESS DEPOSITION
ENERGY ABSORPTION FILMS
EPOXY RESINS
FABRICS
∞ FILMS
FINISHES
FLAME SPRAYING
FURAN RESINS
HOT CORROSION
IMPREGNATING
INHIBITORS
LAMINATES
∞ LAYERS
LINING PROCESSES
LININGS
METAL FILMS
METAL FINISHING
METAL SPRAYING
∞ METALLURGY
MOISTURE RESISTANCE
PASSIVITY
PAVEMENTS
PLASMA SPRAYING
PLASTICIZERS
∞ PRIMING
PROTECTION
RUSTING
SEALERS
SEALING
∞ SHEETS
SILICONIZING
SOLVENTS
SPRAYING
SUBSTRATES
SURFACE FINISHING
SURFACE PROPERTIES
THIN FILMS
VAPOR DEPOSITION
VENEERS
WATERPROOFING
WAXES
WEATHERPROOFING
WINGS

COAXIAL CABLES

UF COAXIAL TRANSMISSION
GS TRANSMISSION LINES
COMMUNICATION CABLES
COAXIAL CABLES
RT ∞ CABLES
POWER LINES
SUBMARINE CABLES
WAVEGUIDES

COAXIAL FLOW

GS FLUID FLOW
COAXIAL FLOW
RT ANNULAR FLOW
ANNULAR NOZZLES
AXIAL FLOW
AXISYMMETRIC FLOW
FLOW GEOMETRY
HILSCH TUBES
SHEAR FLOW
STRATIFIED FLOW
TWO DIMENSIONAL FLOW

COAXIAL NOZZLES

RT AIRCRAFT NOISE
AXIAL FLOW
FLUID FLOW
NOISE REDUCTION
NOZZLE GEOMETRY
∞ NOZZLES
SUPERSONIC NOZZLES
VARIABLE CYCLE ENGINES

COAXIAL PLASMA ACCELERATORS

GS PLASMA ACCELERATORS
COAXIAL PLASMA ACCELERATORS
RT ∞ ACCELERATORS
PLASMA ENGINES
PLASMA GUNS

COAXIAL TRANSMISSION

USE COAXIAL CABLES
TRANSMISSION

COBALT

GS CHEMICAL ELEMENTS
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COBALT ISOTOPES
COBALT 58

COBALT-(CONT)

COBALT 60
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TRANSITION METALS
COBALT
COBALT ISOTOPES
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COBALT 60
RT STRATEGIC MATERIALS
COBALT ACETATES
GS ACETATES
COBALT ACETATES
COBALT COMPOUNDS
COBALT ACETATES
ESTERS
COBALT ACETATES
COBALT ALLOYS
GS ALLOYS
COBALT ALLOYS
ASTROLOY (TRADEMARK)
RENE 41
RENE 63
RENE 77
RENE 95
RT HEAT RESISTANT ALLOYS
KOVAR (TRADEMARK)
STELLITE (TRADEMARK)
WASPALLOY

COBALT COMPOUNDS

GS COBALT COMPOUNDS
COBALT ACETATES
COBALT FLUORIDES
COBALT OXALATES
COBALT OXIDES
COHENITE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

COBALT FLUORIDES

GS COBALT COMPOUNDS
COBALT FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
COBALT FLUORIDES
HALIDES
METAL HALIDES
COBALT FLUORIDES

COBALT ISOTOPES

GS CHEMICAL ELEMENTS
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ISOTOPES
COBALT ISOTOPES
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COBALT OXALATES

GS COBALT COMPOUNDS
COBALT OXALATES
OXALATES
COBALT OXALATES

COBALT OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
COBALT OXIDES
COBALT COMPOUNDS
COBALT OXIDES

COBALT 58

GS CHEMICAL ELEMENTS
COBALT
COBALT ISOTOPES
COBALT 58
NUCLIDES
ISOTOPES
COBALT ISOTOPES
COBALT 58

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COBALT 58-(CONT)

RADIOACTIVE ISOTOPES
COBALT 58
METALS
TRANSITION METALS
COBALT
COBALT ISOTOPES
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GS CHEMICAL ELEMENTS
COBALT
COBALT ISOTOPES
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NUCLIDES
ISOTOPES
COBALT ISOTOPES
COBALT 60
RADIOACTIVE ISOTOPES
COBALT 60
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TRANSITION METALS
COBALT
COBALT ISOTOPES
COBALT 60
COBE
USE COSMIC BACKGROUND EXPLORER
SATELLITE
COBOL
GS LANGUAGES
PROGRAMMING LANGUAGES
COBOL
RT FORTRAN
PL/1
COBRA DANE (RADAR)
GS RADAR
SURVEILLANCE RADAR
COBRA DANE (RADAR)
TRACKING RADAR
COBRA DANE (RADAR)
RT ANTENNA ARRAYS
EARLY WARNING SYSTEMS
MISSILE TRAJECTORIES
RADAR SIGNATURES
COCCOMYCES
GS FUNGI
COCCOMYCES
COCHLEA
GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
COCHLEA
RT CORTI ORGAN
COCK AIRCRAFT
USE AN-22 AIRCRAFT
COCKPIT SIMULATORS
GS SIMULATORS
TRAINING SIMULATORS
FLIGHT SIMULATORS
COCKPIT SIMULATORS
RT SPACECRAFT CABIN SIMULATORS
TRAINING DEVICES
COCKPITS
RT AIRCRAFT COMPARTMENTS
CABIN ATMOSPHERES
∞ CABINS
CANOPIES
EJECTION SEATS
FLYING EJECTION SEATS
FUSELAGES
PRESSURIZED CABINS
SPACE CAPSULES
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT CABINS
WINDSHIELDS
COCKROACHES
UF BLATTIDAE
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
COCKROACHES

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COCKS

UF STOPCOCKS
GS VALVES
RT **COCKS**
GAS VALVES
HYDRAULIC EQUIPMENT

COD AIRCRAFT

USE C-2 AIRCRAFT

CODE DIVISION MULTIPLE ACCESS

UF CDMA
GS TELECOMMUNICATION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
ACCESS
RT ALOHA SYSTEM
FREQUENCY DIVISION MULTIPLE ACCESS
MULTICHANNEL COMMUNICATION
MULTIPLEXING
SATELLITE NETWORKS
SWITCHING
WIDEBAND COMMUNICATION

CODE DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
CODE DIVISION MULTIPLEXING
RT DATA TRANSMISSION
DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLE ACCESS
RADIO COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION
TELECOMMUNICATION
WAVELENGTH DIVISION MULTIPLEXING

CODERS

UF ENCODERS
RT ANALOG TO DIGITAL CONVERTERS
CODING
DECODERS
PROGRAMMERS

∞ CODES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BCH CODES
BINARY CODES
BITERNARY CODE
CODING
COLOR CODING
CONCATENATED CODES
CRYPTOGRAPHY
DIGITS
ERROR CORRECTING CODES
ERROR DETECTION CODES
MORSE CODE
STANDARDS
SYMBOLS

CODING

UF ENCODING
NOTATION
GS **CODING**
DECODING
REDUNDANCY ENCODING
SIGNAL ENCODING
WISWESSER NOTATIONS
RT ADDRESSING
ALPHABETS
ANALOG TO DIGITAL CONVERTERS
BCH CODES
CODERS
∞ CODES
COLOR CODING
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
CONCATENATED CODES
CRYPTOGRAPHY
DATA TRANSMISSION
DICTIONARIES
DIGITAL TECHNIQUES

CODING-(CONT)

ERROR DETECTION CODES
IDENTIFYING
INFORMATION THEORY
LANGUAGES
PARITY
PULSE COMPRESSION
SYMBOLIC PROGRAMMING
SYMBOLS

COEFFICIENT OF FRICTION

UF FRICTION COEFFICIENT
GS COEFFICIENTS
COEFFICIENT OF FRICTION
SURFACE PROPERTIES
COEFFICIENT OF FRICTION
RT FRICTION
FRICTION FACTOR
FRICTION REDUCTION
KINETIC FRICTION
SLIDING FRICTION
STATIC FRICTION

COEFFICIENTS

GS **COEFFICIENTS**
ACCOMMODATION COEFFICIENT
AERODYNAMIC COEFFICIENTS
ATTENUATION COEFFICIENTS
BINOMIAL COEFFICIENTS
CLEBSCH-GORDAN COEFFICIENTS
COEFFICIENT OF FRICTION
COHERENCE COEFFICIENT
CORRELATION COEFFICIENTS
COUPLING COEFFICIENTS
DIFFUSION COEFFICIENT
SORET COEFFICIENT
FLOW COEFFICIENTS
DISCHARGE COEFFICIENT
HEAT TRANSFER COEFFICIENTS
INFLUENCE COEFFICIENT
STRUCTURAL INFLUENCE COEFFICIENTS
IONIZATION COEFFICIENTS
NOZZLE THRUST COEFFICIENTS
ONISGER PHENOMENOLOGICAL COEFFICIENT
RECOMBINATION COEFFICIENT
REGRESSION COEFFICIENTS
SCATTERING COEFFICIENTS
VIRIAL COEFFICIENTS
WIGNER COEFFICIENT
RT ∞ CONSTANT
CONSTANTS
MECHANICAL PROPERTIES
OPTICAL PROPERTIES
POLYNOMIALS
RACAH COEFFICIENT
SORET COEFFICIENT
STATISTICAL ANALYSIS
∞ WEIGHT

COENZYMES

GS ENZYMES
COENZYMES
CYSTEAMINE
PROTEINS
COENZYMES
GLUTATHIONE

COERCIVITY

RT MAGNETIC PROPERTIES
MAGNETIZATION

COESITE

GS CHALCOGENIDES
OXIDES
DIOXIDES
SILICON DIOXIDE
QUARTZ
COESITE
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
MINERALS
QUARTZ
COESITE
SILICON COMPOUNDS
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
RT EARTH CRUST
EARTH MANTLE
METEORITES

COHERENT ACOUSTIC RADIATION

COESITE-(CONT)

RUTILE
STISHOVITE
STONY METEORITES
TEKTITES

COFFEE

GS FARM CROPS
COFFEE
RT BEVERAGES

COFFIN-MANSON LAW

GS LAWS
COFFIN-MANSON LAW
RT CRACK PROPAGATION
FATIGUE LIFE
FATIGUE TESTS
METAL FATIGUE

COGENERATION

RT ELECTRIC GENERATORS
ELECTRIC POWER PLANTS
ENERGY CONVERSION
∞ GENERATION
HEAT GENERATION
∞ POWER PLANTS
SOLAR ENERGY CONVERSION
THERMAL ENERGY
WASTE ENERGY UTILIZATION

COGNITION

RT ARTIFICIAL INTELLIGENCE
DECISION MAKING
IDENTIFYING
IFF SYSTEMS (IDENTIFICATION)
PERCEPTION

COGNITIVE PSYCHOLOGY

GS PSYCHOLOGY
COGNITIVE PSYCHOLOGY

COGO (PROGRAMMING LANGUAGE)

UF COORDINATE GEOMETRY LANGUAGE
GS LANGUAGES
PROGRAMMING LANGUAGES
COGO (PROGRAMMING LANGUAGE)

COHENITE

GS COBALT COMPOUNDS
COHENITE
IRON COMPOUNDS
COHENITE
MINERALS
COHENITE
NICKEL COMPOUNDS
COHENITE

∞ COHERENCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COHERENT RADIATION
COHERENT SCATTERING
COHESION
CONGRUENCES
ELASTIC SCATTERING
INTELLIGIBILITY
LASER OUTPUTS
LASERS
MASER OUTPUTS
PHASE COHERENCE
WAVE DISPERSION
WAVE PROPAGATION

COHERENCE COEFFICIENT

GS COEFFICIENTS
COHERENCE COEFFICIENT
RT COHERENT RADAR
COHERENT RADIATION
∞ INTERFERENCE
NOISE PROPAGATION
PHASE COHERENCE
STOCHASTIC PROCESSES

COHERENT ACOUSTIC RADIATION

GS COHERENT RADIATION
COHERENT ACOUSTIC RADIATION
ELASTIC WAVES
COHERENT ACOUSTIC RADIATION
RT ∞ RADIATION
ULTRASONIC RADIATION
UNDERWATER ACOUSTICS

COHERENT ANTI-STOKES RAMAN SPECTROSCOPY

NASA THESAURUS (VOLUME 1)

COHERENT ANTI-STOKES RAMAN

SPECTROSCOPY
USE RAMAN SPECTROSCOPY

COHERENT ELECTROMAGNETIC RADIATION

GS COHERENT RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
ELECTROMAGNETIC RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
RT BEAMS (RADIATION)
HOLOGRAPHY
INFRARED RADIATION
INTERSTELLAR MASERS
IONIZING RADIATION
KRYPTON FLUORIDE LASERS
LASERS
LIGHT (VISIBLE RADIATION)
MASERS
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
∞ RADIATION
RADIO WAVES
STIMULATED EMISSION
STIMULATED EMISSION DEVICES
TRAVELING WAVE MASERS
ULTRAVIOLET RADIATION

COHERENT LIGHT

GS COHERENT RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
ELECTROMAGNETIC RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
LIGHT (VISIBLE RADIATION)
COHERENT LIGHT
RT GAMMA RAY LASERS
HCN LASERS
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHY
LASER OUTPUTS
LASERS
MONOCHROMATIC RADIATION
NEODYMIUM LASERS
OPTICAL COMPUTERS
OPTICAL MEMORY (DATA STORAGE)
PHASE COHERENCE
PLASMA DYNAMIC LASERS
RARE GAS-HALIDE LASERS
SCATTER PLATES (OPTICS)
SHIVA LASER SYSTEM
STIMULATED EMISSION
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

COHERENT RADAR

GS RADAR
COHERENT RADAR
RT COHERENCE COEFFICIENT
CONTINUOUS WAVE RADAR
DOPPLER RADAR
MOVING TARGET INDICATORS
PULSE DOPPLER RADAR
PULSE RADAR
RADAR DETECTION
SEARCH RADAR
SURVEILLANCE RADAR
TRACKING RADAR

COHERENT RADIATION

UF COHERENT SOURCES
COHERENT TRANSMISSION
GS COHERENT RADIATION
COHERENT ACOUSTIC RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
RT BEAMS (RADIATION)
∞ COHERENCE
COHERENCE COEFFICIENT
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
OPTICAL PROPERTIES
∞ RADIATION
∞ RAYS
WAVE PROPAGATION

COHERENT SCATTERING

GS SCATTERING
COHERENT SCATTERING
RT ∞ COHERENCE
COMPTON EFFECT
ELASTIC SCATTERING
INCOHERENT SCATTERING
INELASTIC SCATTERING
NUCLEAR SCATTERING

COHERENT SOURCES

USE COHERENT RADIATION
RADIATION SOURCES

COHERENT TRANSMISSION

USE COHERENT RADIATION

COHESION

RT AGGLOUTINATION
BONDING
∞ COHERENCE
INTERNAL FRICTION
INTERNAL PRESSURE
PLASTIC PROPERTIES
SPREADING

COHOMOLOGY

USE HOMOLOGY

∞ COILS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ELECTRIC COILS
INDUCTORS
MAGNET COILS
MAGNETIC COILS
SPRINGS (ELASTIC)
TOROIDS
WIRE

COIN AIRCRAFT

UF LARA AIRCRAFT
LIGHT ARMED RECONNAISSANCE AIRCRAFT
GS COIN AIRCRAFT
F-5 AIRCRAFT
OV-10 AIRCRAFT
RT ∞ AIRCRAFT
LIGHT INTRATHEATER TRANSPORT

COINCIDENCE CIRCUITS

GS CIRCUITS
COINCIDENCE CIRCUITS
RT GATES (CIRCUITS)
RADIATION COUNTERS
SYNCHRONISM

COINING

GS FORMING TECHNIQUES
PRESSING (FORMING)
COINING
METAL WORKING
COINING
RT COLD PRESSING
COLD WORKING
DIES
FORGING
HOT PRESSING
SIZING (SHAPING)
STAMPING

COKE

GS FUELS
COKE
RT BITUMENS
CARBON
CHARCOAL
COAL
LIGNITE

COKE AIRCRAFT

USE AN-24 AIRCRAFT

COLCHICINE

GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
COLCHICINE
HETEROCYCLIC COMPOUNDS
ALKALOIDS
COLCHICINE
HYDROCARBONS
CYCLIC HYDROCARBONS
COLCHICINE

COLCHICINE-(CONT.)

NITROGEN COMPOUNDS
ALKALOIDS
COLCHICINE

COLD ACCLIMATIZATION

GS ADAPTATION
ACCLIMATIZATION
COLD ACCLIMATIZATION
RT HEAT ACCLIMATIZATION
SUBZERO TEMPERATURE

COLD BOKKEVELD METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
CARBONACEOUS METEORITES
COLD BOKKEVELD METEORITE

COLD CATHODE TUBES

GS MICROWAVE EQUIPMENT
MICROWAVE TUBES
COLD CATHODE TUBES
PHOTOTUBES
PHOTOMULTIPLIER TUBES
RT CATHODES
ELECTRODES
GAS DISCHARGES
∞ GAS TUBES
TUBE CATHODES
TUNNEL CATHODES

COLD CATHODES

GS ELECTRODES
CATHODES
TUBE CATHODES
COLD CATHODES
RT GAS DISCHARGES
TUNNEL CATHODES

COLD DRAWING

RT DEEP DRAWING
∞ DRAWING
METAL DRAWING

COLD FLOW TESTS

SN (EXCLUDES MECHANICAL CREEP, TESTS)
GS ENGINE TESTS
COLD FLOW TESTS
GROUND TESTS
COLD FLOW TESTS
RT CHECKOUT
FEED SYSTEMS
PLASTIC PROPERTIES
PRELAUNCH TESTS
PROPELLANT TESTS
PROPULSION SYSTEM PERFORMANCE
ROCKET ENGINE DESIGN
STATIC TESTS
∞ TESTS

COLD FORMING

USE COLD WORKING

COLD FRONTS

GS FRONTS (METEOROLOGY)
COLD FRONTS
RT AIR MASSES
∞ FRONTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES
WARM FRONTS
WEATHER FORECASTING

COLD GAS

GS GASES
COLD GAS
RT ATTITUDE CONTROL
GAS JETS
JET THRUST

COLD HARDENING

SN (LIMITED TO HARDENING OF MATERIALS BY COOLING TO VERY LOW TEMPERATURES-- EXCLUDES PRECIPITATION HARDENING AT OR NEAR ROOM TEMPERATURE AND HARDENING VIA COLD WORKING)
GS HARDENING (MATERIALS)

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COLLISION PARAMETERS

COLD HARDENING-(CONT)

COLD HARDENING
RT BRITTLENESS
HARDNESS
PHASE TRANSFORMATIONS
PRECIPITATION HARDENING
WORK HARDENING

COLD NEUTRONS

GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
NEUTRONS
COLD NEUTRONS
NEUTRAL PARTICLES
NEUTRONS
COLD NEUTRONS
RT BARYONS

COLD PLASMAS

UF LOW TEMPERATURE PLASMAS
GS GASES
IONIZED GASES
CHARGED PARTICLES
COLD PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
COLD PLASMAS
RT COLLISIONLESS PLASMAS
RAREFIED PLASMAS

COLD PRESSING

RT COINING
COMPACTING
HOT PRESSING
METAL WORKING
∞ PRESSING
PRESSING (FORMING)
UPSETTING

COLD ROLLING

GS FORMING TECHNIQUES
COLD WORKING
COLD ROLLING
RT METAL WORKING

COLD STRENGTH

GS MECHANICAL PROPERTIES
COLD STRENGTH
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE ENVIRONMENTS
LOW TEMPERATURE TESTS
∞ STRENGTH

COLD SURFACES

UF COLD WALLS
RT CRYOGENIC FLUID STORAGE
∞ SURFACES

COLD TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
COLD TOLERANCE
RT BODY TEMPERATURE
EXPOSURE
FROSTBITE
HEAT TOLERANCE
HOMEOSTASIS
SUBZERO TEMPERATURE
THERMOREGULATION
VASOCONSTRICTION

COLD TRAPS

GS TRAPS
COLD TRAPS
RT CONDENSERS (LIQUEFIERS)
CRYOGENICS
CRYOTRAPPING
FREEZING
REFRIGERATING
ULTRALOW TEMPERATURES
VACUUM APPARATUS
VAPOR TRAPS

COLD WALLS

USE COLD SURFACES
WALLS

COLD WATER

GS WATER
COLD WATER
RT POTABLE WATER

COLD WEATHER

GS WEATHER
COLD WEATHER
RT FROST DAMAGE
LOW TEMPERATURE ENVIRONMENTS
PRESSURE ICE
SNOW COVER
SUBZERO TEMPERATURE
WEATHERPROOFING
WINTER

COLD WEATHER TESTS

GS ENVIRONMENTAL TESTS
COLD WEATHER TESTS
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
∞ TESTS

COLD WELDING

GS WELDING
COLD WELDING
RT ADHESION
BONDING
HIGH VACUUM
VACUUM EFFECTS

COLD WORKING

UF COLD FORMING
GS FORMING TECHNIQUES
COLD WORKING
COLD ROLLING
ELECTROHYDRAULIC FORMING
EXPLOSIVE FORMING
RT CLADDING
COINING
DEEP DRAWING
EXTRUDING
FORGING
∞ JOINING
MAGNETIC FORMING
METAL DRAWING
METAL SPINNING
METAL WORKING
PEENING
ROLL FORMING
SHEARING
SHOT PEENING
STAMPING
STRETCH FORMING
STRETCHING
SWAGING
TEMPER (METALLURGY)
UPSETTING
WINDING

COLEOPTERA

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
COLEOPTERA

COLIC

GS DISEASES
COLIC
RT GASTROINTESTINAL SYSTEM
INTESTINES

COLLAGENS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
CONNECTIVE TISSUE
COLLAGENS
CELLS (BIOLOGY)
FIBROBLASTS
COLLAGENS
RT BONE MINERAL CONTENT
GELATINS
LEATHER
PROTEINS
SKIN (ANATOMY)

COLLAPSE

RT BUCKLING
DEFORMATION
FAILURE
STRUCTURAL FAILURE

COLLATING

RT BINDING
COMPILERS
CORRELATION
INSERTION
POSITION (LOCATION)
POSITIONING

COLLECTION

RT ACCUMULATIONS
ACQUISITION
ASSEMBLING
INPUT
LUMPING
MUSEUMS
∞ RECEIVING
SAMPLING
SELECTION
STOCKPILING

COLLECTORS

USE ACCUMULATORS

COLLEGES

USE UNIVERSITIES

COLLIMATION

UF BEAMSHAPING
RT ADJUSTING
ALIGNMENT
DIRECTIVITY
MICROBEAMS
∞ ORIENTATION
POLARIZATION (WAVES)

COLLIMATORS

UF AUTOCOLLIMATORS
GS OPTICAL EQUIPMENT
COLLIMATORS
RT BEAM WAVEGUIDES
MIRRORS
OPTICAL MEASUREMENT

COLLINEARITY

GS ANALYSIS (MATHEMATICS)
CALCULUS
VECTOR ANALYSIS
COLLINEARITY
REAL VARIABLES
VECTOR ANALYSIS
COLLINEARITY
GEOMETRY
VECTOR ANALYSIS
COLLINEARITY
LINEARITY
COLLINEARITY

COLLISION AVOIDANCE

UF COLLISION WARNING DEVICES
GS AVOIDANCE
COLLISION AVOIDANCE
BEACON COLLISION AVOIDANCE
SYSTEM
RT AIR NAVIGATION
AIR TRAFFIC
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT GUIDANCE
AIRCRAFT SAFETY
AIRSPACE
APPROACH CONTROL
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
COLLISIONS
FLIGHT PATHS
FLIGHT RULES
FLIGHT SAFETY
MIDAIR COLLISIONS
NATIONAL AIRSPACE UTILIZATION
SYSTEM
RADAR
RADAR NAVIGATION
RADIO NAVIGATION
THREAT EVALUATION
TRAFFIC CONTROL
VISUAL FLIGHT
WARNING
WARNING SYSTEMS

COLLISION PARAMETERS

GS RATES (PER TIME)
COLLISION PARAMETERS
COLLISION RATES
RT ∞ ABSORPTION
BEAM INTERACTIONS
∞ CROSS SECTIONS
MEAN FREE PATH
NUCLEAR INTERACTIONS
PARTICLE INTERACTIONS
PARTICLE THEORY
SCATTERING

COLLISION RATES

COLLISION RATES

GS RATES (PER TIME)
COLLISION PARAMETERS
COLLISION RATES

COLLISION WARNING DEVICES

USE COLLISION AVOIDANCE
WARNING SYSTEMS

COLLISIONAL PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
RT ELECTRON RUNAWAY (PLASMA
PHYSICS)
HIGH TEMPERATURE PLASMAS
NUCLEAR FUSION
PLASMA CONDUCTIVITY
PLASMA DENSITY
PLASMA WAVES

COLLISIONLESS PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
COLLISIONLESS PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
COLLISIONLESS PLASMAS
RT COLD PLASMAS
IONIC WAVES
KELVIN-HELMHOLTZ INSTABILITY
LOW DENSITY RESEARCH
RAREFIED PLASMAS

COLLISIONS

GS **COLLISIONS**
ATOMIC COLLISIONS
COULOMB COLLISIONS
INELASTIC COLLISIONS
IONIC COLLISIONS
METEORITE COLLISIONS
MIDAIR COLLISIONS
BIRD-AIRCRAFT COLLISIONS
MOLECULAR COLLISIONS
PARTICLE COLLISIONS
RT AIR BAG RESTRAINT DEVICES
AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
COLLISION AVOIDANCE
CRASHES
FLIGHT HAZARDS
FLIGHT PATHS
GAS ATOMIZATION
PILOT ERROR
RECOILINGS
SCATTERING

COLLOCATION

RT ASSEMBLIES
∞ ASSEMBLY
CONGRUENCES
POSITION (LOCATION)
POSITIONING

COLLOIDAL GENERATORS

RT ATOMIZING
DISPERSIONS
∞ GENERATORS
PLASMA DIFFUSION
PLASMA GENERATORS
SPRAYERS
VAPORIZERS

COLLOIDAL PROPELLANTS

UF CORDITE
GS MIXTURES
DISPERSIONS
COLLOIDS
COLLOIDAL PROPELLANTS
PROPELLANTS
COLLOIDAL PROPELLANTS
RT GELLED PROPELLANTS

COLLOIDAL PROPELLANTS-(CONT)

SLURRY PROPELLANTS
SOLID PROPELLANTS
SOLID SUSPENSIONS

COLLOIDING

UF LYOPHILIZATION
GS MIXING
COLLOIDING
RT AGITATION
ATOMIZING
COLLOIDS
COMMUNION
COMPOUNDING
DISPERSING
FLOCCULATING
GELATION
HOMOGENIZING
PRECIPITATION (CHEMISTRY)
SUSPENDING (MIXING)

COLLOIDS

UF LYOPHILS
GS MIXTURES
DISPERSIONS
COLLOIDS
AEROSOLS
FOG
COLLOIDAL PROPELLANTS
RT BROWNIAN MOVEMENTS
CLAYS
COLLOIDING
ELECTRODIALYSIS
ELECTROPHORESIS
EMULSIONS
FOAMS
GELS
HOMEOSTASIS
NONNEWTONIAN FLUIDS
PARTICLES
PLASTISOLS
∞ SEPARATION

COLOMBIA

GS NATIONS
COLOMBIA
RT LLANOS ORIENTALES (COLOMBIA)
MAGDALENA-CAUCA VALLEY (COLOMBIA)
SOUTH AMERICA

COLONIES

RT BACTERIA
BACTERIOLOGY

COLOR

UF COLORATION
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
COLOR
IRIDESCENCE
WATER COLOR
RT BRIGHTNESS
COLORIMETRY
CONTRAST
DARKNESS
DICHROISM
DISCOLORATION
ELECTROCHROMISM
FADING
HUMAN FACTORS ENGINEERING
INCANDESCENCE
ISOCHROMATICS
LIGHT (VISIBLE RADIATION)
PERCEPTION
PHOTOTROPISM
∞ PHYSICAL PROPERTIES
PREWHITENING
SPECTRA
SURFACE PROPERTIES
SYMBOLS
THERMOCHROMATIC MATERIALS
VEGETATIVE INDEX
VISIBILITY
VISION
WAVE DISPERSION

COLOR (PARTICLE PHYSICS)

USE QUANTUM CHROMODYNAMICS

COLOR CENTERS

UF F CENTERS
RT ∞ CENTERS
FRANCK-CONDON PRINCIPLE

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COLOR CODING

RT ∞ CODES
CODING

COLOR INFRARED PHOTOGRAPHY

GS IMAGERY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RT COLOR PHOTOGRAPHY
INFRARED IMAGERY

COLOR PERCEPTION

USE COLOR VISION

COLOR PHOTOGRAPHY

GS IMAGERY
COLOR PHOTOGRAPHY
PHOTOGRAPHY
COLOR PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
COLOR INFRARED PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTOCHROMISM
PHOTOMAPPING
SHADOWGRAPH PHOTOGRAPHY
STEREOPHOTOGRAPHY
ULTRAVIOLET PHOTOGRAPHY
UNDERWATER PHOTOGRAPHY

COLOR TELEVISION

GS TELECOMMUNICATION
COLOR TELEVISION
TELEVISION SYSTEMS
COLOR TELEVISION
RT CLOSED CIRCUIT TELEVISION
COMMUNICATING
COMMUNICATION EQUIPMENT
EDUCATIONAL TELEVISION
SATELLITE TELEVISION
SPACECRAFT TELEVISION
STEREOTELEVISION
TELEVISION RECEPTION
TELEVISION TRANSMISSION

COLOR VISION

UF COLOR PERCEPTION
GS VISION
COLOR VISION
RT EYE (ANATOMY)
YOUNG-HELMHOLTZ THEORY

COLOR-MAGNITUDE DIAGRAM

UF C-M DIAGRAM
GS DIAGRAMS
COLOR-MAGNITUDE DIAGRAM
RT GLOBULAR CLUSTERS
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
MAIN SEQUENCE STARS
STAR CLUSTERS
STELLAR COLOR
STELLAR EVOLUTION
STELLAR MAGNITUDE

COLORADO

GS NATIONS
UNITED STATES
COLORADO
RT COLORADO PLATEAU (US)
COLORADO RIVER (NORTH AMERICA)
MANITOU (CO)
PIKE'S PEAK (CO)
SAN JUAN MOUNTAINS (CO)

COLORADO PLATEAU (US)

GS LAND
COLORADO PLATEAU (US)
LANDFORMS
TERRACES (LANDFORMS)
PLATEAUS
COLORADO PLATEAU (US)
RT ARIZONA
COLORADO
HIGHLANDS
NEW MEXICO
UTAH

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COMBUSTION EFFICIENCY

COLORADO RIVER (NORTH AMERICA)
 GS RIVERS
COLORADO RIVER (NORTH AMERICA)
 RT ARIZONA
 COLORADO
 MEXICO
 UTAH

COLORATION
 USE COLOR

COLORIMETRY
 GS OPTICAL MEASUREMENT
COLORIMETRY
 RT CHEMICAL ANALYSIS
 CHROMATOGRAPHY
 COLOR
 ELECTROPHOTOMETRY
 LIQUID CHROMATOGRAPHY
 OCEAN COLOR SCANNER
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETRY
 SPECTROPHOTOMETRY
 SPECTROSCOPY
 THERMOCHROMATIC MATERIALS

COLS
 USE GAPS (GEOLOGY)

COLUMBIA (ORBITER)
 UF SPACE SHUTTLE ORBITER 102
 GS REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 REUSABLE SPACECRAFT
COLUMBIA (ORBITER)
 TRANSPORTATION
 SPACE TRANSPORTATION
 SPACE TRANSPORTATION SYSTEM
 SPACE SHUTTLE ORBITERS
COLUMBIA (ORBITER)
 RT MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSION 31-A
 SPACE SHUTTLE MISSION 41-A
 SPACE SHUTTLE MISSION 61-A
 SPACE SHUTTLE MISSION 61-C
 SPACE SHUTTLE MISSION 61-E
 ∞SPACECRAFT

COLUMBIA RIVER BASIN (ID-OR-WA)
 GS LANDFORMS
 STRUCTURAL BASINS
 RIVER BASINS
COLUMBIA RIVER BASIN (ID-OR-WA)
 RT IDAHO
 OREGON
 RIVERS
 WASHINGTON

COLUMBIUM
 USE NIOBIUM

∞ **COLUMNS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COLUMNS (PROCESS ENGINEERING)
 COLUMNS (SUPPORTS)

COLUMNS (PROCESS ENGINEERING)
 RT ABSORBERS (EQUIPMENT)
 CHEMICAL REACTORS
 ∞COLUMNS
 CONCENTRATORS
 CONDENSERS (LIQUEFIERS)
 CONTACTORS
 CONTRACTORS
 DEHYDRATION
 DEHYDROGENATION
 DISTILLATION EQUIPMENT
 DRYING APPARATUS
 EXTRACTION
 SCRUBBERS
 SEPARATORS
 VAPORIZERS

COLUMNS (SUPPORTS)
 GS STRUCTURAL MEMBERS
COLUMNS (SUPPORTS)
 TAPERED COLUMNS
 RT BEAMS (SUPPORTS)
 ∞COLUMNS
 PYLON MOUNTING
 PYLONS

COLUMNS (SUPPORTS)-(CONT)
 STRUTS
 STUDS (STRUCTURAL MEMBERS)
 TIMOSHENKO BEAMS
 TOWERS

∞ **COMA**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ABERRATION
 BLACKOUT (PHYSIOLOGY)
 BLACKOUT PREVENTION
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETARY ATMOSPHERES
 COMETS
 GRIGG-SKJELLERUP COMET
 KOHOOTEK COMET
 SCREEN EFFECT
 TEMPEL 2 COMET
 UNCONSCIOUSNESS

COMBAT
 GS MILITARY OPERATIONS
COMBAT
 WARFARE
COMBAT
 RT AIRCRAFT SURVIVABILITY
 B-1 AIRCRAFT
 ELECTRONIC WARFARE

∞ **COMBINATION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ADMIXTURES
 CONSOLIDATION
 MIXTURES
 PERMUTATIONS

COMBINATIONS (MATHEMATICS)
 GS ANALYSIS (MATHEMATICS)
 COMBINATORIAL ANALYSIS
COMBINATIONS (MATHEMATICS)
 RT PARTITIONS (MATHEMATICS)
 PERMUTATIONS

COMBINATORIAL ANALYSIS
 GS ANALYSIS (MATHEMATICS)
COMBINATORIAL ANALYSIS
 COMBINATIONS (MATHEMATICS)
 FACTORIALS
 PARTITIONS (MATHEMATICS)
 PERMUTATIONS
 RT ∞ANALYZING
 ∞APPLICATIONS OF MATHEMATICS
 GRAPH THEORY
 INFORMATION THEORY
 NUMBER THEORY
 PROBABILITY THEORY
 SET THEORY

COMBINED CYCLE POWER GENERATION
 RT ELECTRIC GENERATORS
 ELECTRIC POWER PLANTS
 ENERGY TECHNOLOGY
 GAS TURBINES
 STEAM TURBINES

COMBINED STRESS
 GS STRESSES
COMBINED STRESS
 RT FATIGUE LIFE
 STRESS ANALYSIS
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS

COMBUSTIBILITY
 USE FLAMMABILITY

COMBUSTIBLE FLOW
 GS FLUID FLOW
COMBUSTIBLE FLOW
 RT BOUNDARY LAYER COMBUSTION
 COMBUSTION PHYSICS
 COMBUSTION PRODUCTS
 DETONATION WAVES
 FLAME PROPAGATION
 FUEL FLOW
 TURBULENT FLOW

COMBUSTION
 UF BURNING
 BURNING PROCESS
 GS **COMBUSTION**
 AFTERBURNING
 BOUNDARY LAYER COMBUSTION
 DEFLAGRATION
 EROSION BURNING
 FUEL COMBUSTION
 NUCLEAR FUEL BURNUP
 HYDROCARBON COMBUSTION
 HYPERSONIC COMBUSTION
 METAL COMBUSTION
 PROPELLANT COMBUSTION
 SOLID PROPELLANT COMBUSTION
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION
 SUPERSONIC COMBUSTION
 RT BACKFIRE
 BURNING RATE
 BURNING TIME
 BURNOUT
 CHARRING
 CHEMICAL EXPLOSIONS
 COMBUSTION CHAMBERS
 COMBUSTION CONTROL
 COMBUSTION EFFICIENCY
 COMBUSTION PHYSICS
 COMBUSTION PRODUCTS
 COMBUSTION STABILITY
 COMBUSTION TEMPERATURE
 COMBUSTION VIBRATION
 DETONATION
 DIFFUSION FLAMES
 EXOTHERMIC REACTIONS
 EXPLOSIONS
 EXTINGUISHING
 FIRE DAMAGE
 FIREBREAKS
 FIRES
 FLAME PROPAGATION
 FLAMEOUT
 FLAMES
 FLAMMABILITY
 FLASHBACK
 FOREST FIRES
 HEAT BALANCE
 HEAT GENERATION
 IGNITION
 IGNITION LIMITS
 INCENDIARY AMMUNITION
 INTERNAL COMBUSTION ENGINES
 OXIDATION
 ∞PHYSICS
 QUENCHING (COOLING)
 SPARK IGNITION
 SUPERSONIC COMBUSTION RAMJET
 ENGINES

COMBUSTION CHAMBERS
 UF COMBUSTORS
 RT BURNERS
 ∞CHAMBERS
 COMBUSTION
 ENGINE PARTS
 ENGINES
 FLAME HOLDERS
 FLAMEOUT
 FURNACES
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 PISTONS
 REFRACTORIES
 SPARK PLUGS
 THRUST CHAMBERS

COMBUSTION CONTROL
 RT AUTOMATIC CONTROL
 BURNING RATE
 COMBUSTION
 ∞CONTROL
 ENGINE CONTROL
 FUEL CONTROL
 ∞REACTION CONTROL
 TEMPERATURE CONTROL

COMBUSTION EFFICIENCY
 GS EFFICIENCY
COMBUSTION EFFICIENCY
 RT ACEE PROGRAM
 BURNING RATE
 BURNING TIME
 EXHAUST GASES
 FUEL COMBUSTION
 FUEL CONSUMPTION

COMBUSTION HEAT

COMBUSTION EFFICIENCY-(CONT)

FUEL-AIR RATIO
POWER EFFICIENCY
PROPELLANT COMBUSTION
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY

COMBUSTION HEAT

USE HEAT OF COMBUSTION

COMBUSTION INSTABILITY

USE COMBUSTION STABILITY

COMBUSTION PHYSICS

GS THERMODYNAMICS
COMBUSTION PHYSICS
RT AEROTHERMODYNAMICS
COMBUSTIBLE FLOW
COMBUSTION STABILITY
DAMKOHLE NUMBER
FLAME PROPAGATION
HEAT OF COMBUSTION
IGNITION
∞ PHYSICS
PLASMAS (PHYSICS)
∞ SCIENCE
THERMOCHEMISTRY

COMBUSTION PRODUCTS

RT AIR POLLUTION
ASHES
COMBUSTIBLE FLOW
DILUENTS
DUST
EXHAUST GASES
FIBER RELEASE
FLUE GASES
FLY ASH
HIGH TEMPERATURE GASES
ODORS
POLLUTION TRANSPORT
PRODUCTS
REACTION PRODUCTS
ROCKET EXHAUST
SMOG
SMOKE
SOOT
VAPORS
WASTES

COMBUSTION STABILITY

UF ACOUSTIC COMBUSTION
CHUGGING
COMBUSTION INSTABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
STABILITY
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
RT AXIAL MODES
BURNING RATE
FUEL COMBUSTION
MOTION STABILITY
PRESSURE OSCILLATIONS
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
THERMAL INSTABILITY
VELOCITY COUPLING

COMBUSTION TEMPERATURE

GS TEMPERATURE
COMBUSTION TEMPERATURE
RT EROSION BURNING
FLAME TEMPERATURE
FLASH POINT
IGNITION TEMPERATURE
OPERATING TEMPERATURE
SPONTANEOUS COMBUSTION

COMBUSTION VIBRATION

GS VIBRATION
COMBUSTION VIBRATION
RT COMBUSTION
ELASTIC WAVES
STRUCTURAL STABILITY

COMBUSTION WAVES

USE FLAME PROPAGATION

COMBUSTION WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
COMBUSTION WIND TUNNELS
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS

COMBUSTORS

USE COMBUSTION CHAMBERS

COMET HEADS

GS CELESTIAL BODIES
COMETS
COMET HEADS
RT ∞ COMA
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET NUCLEI

GS CELESTIAL BODIES
COMETS
COMET NUCLEI
RT ∞ COMA
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET TAILS

GS CELESTIAL BODIES
COMETS
COMET TAILS
ELECTROMAGNETIC RADIATION
COMET TAILS
RT ∞ COMA
COMETARY ATMOSPHERES
GRIGG-SKJELLERUP COMET
RADIATION PRESSURE
SOLAR SYSTEM
SOLAR WIND

COMET 4 AIRCRAFT

UF DE HAVILLAND DH 106 AIRCRAFT
DH 106 AIRCRAFT
GS COMMERCIAL AIRCRAFT
COMET 4 AIRCRAFT
DE HAVILLAND AIRCRAFT
COMET 4 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
COMET 4 AIRCRAFT
JET AIRCRAFT
COMET 4 AIRCRAFT
MONOPLANES
COMET 4 AIRCRAFT
PASSENGER AIRCRAFT
COMET 4 AIRCRAFT
RT ∞ AIRCRAFT

COMETARY ATMOSPHERES

RT ASTRONOMICAL PHOTOMETRY
∞ COMA
COMET HEADS
COMET NUCLEI
COMET TAILS
COMETS
IONOPAUSE

COMETS

GS CELESTIAL BODIES
COMETS
AREND-ROLAND COMET
COMET HEADS
COMET NUCLEI
COMET TAILS
ENCKE COMET
GIACOBINI-ZINNER COMET
GRIGG-SKJELLERUP COMET
HALLEY'S COMET
HUMASON COMET
IRAS-ARAKI-ALCOCK COMET
KOHOUTEK COMET
MOREHOUSE COMET
MRKOS COMET
SCHWASSMANN-WACHMANN COMET
TEMPEL 2 COMET
WEST COMET
RT BESSEL-BREDICHIN THEORY
∞ COMA
COMETARY ATMOSPHERES
METEOROID SHOWERS
METEORIODS
SOLAR SYSTEM

COMFORT

RT ACOUSTICS
AIR CONDITIONING
EFFICIENCY

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COMFORT-(CONT)

ENVIRONMENTAL ENGINEERING
GLARE
HUMAN FACTORS ENGINEERING
HUMIDITY
ILLUMINATING
∞ PERFORMANCE
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
REWARD (PSYCHOLOGY)
RIDING QUALITY
SEATS
TEMPERATURE
VENTILATION

COMMAND AND CONTROL

UF COMMAND-CONTROL
RT ∞ AUTOMATION
AUTONOMY
AWACS AIRCRAFT
∞ COMMANDS
∞ CONTROL
DECISION MAKING
E-2 AIRCRAFT
E-3A AIRCRAFT
E-4A AIRCRAFT
GROUND SUPPORT EQUIPMENT
LOGISTICS
MANAGEMENT
SURVEILLANCE
TARGETS

COMMAND GUIDANCE

UF COMMAND SYSTEMS
GS GUIDANCE (MOTION)
COMMAND GUIDANCE
RT ∞ COMMANDS
GROUND SUPPORT EQUIPMENT
INJECTION GUIDANCE
MIDCOURSE GUIDANCE
RENDEZVOUS GUIDANCE
RENDEZVOUS SPACECRAFT
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

COMMAND LANGUAGES

GS LANGUAGES
COMMAND LANGUAGES
QUERY LANGUAGES
RT INFORMATION RETRIEVAL

COMMAND MODULES

GS COMPARTMENTS
COMMAND MODULES
MODULES
SPACECRAFT MODULES
COMMAND MODULES
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
COMMAND MODULES
RT APOLLO SPACECRAFT
∞ COMMANDS
MARQUARDT R4D ENGINE
SERVICE MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES
SPACECREW TRANSFER

COMMAND SERVICE MODULES

UF CSM
GS MODULES
SPACECRAFT MODULES
COMMAND SERVICE MODULES
RT APOLLO PROJECT
LUNAR ORBITS
MANNED SPACECRAFT
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING MODULES

COMMAND SYSTEMS

USE COMMAND GUIDANCE

COMMAND-CONTROL

USE COMMAND AND CONTROL

COMMANDO AIRCRAFT

USE C-46 AIRCRAFT

NASA THESAURUS (VOLUME 1)

∞ COMMANDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT
 - AUTONOMY
 - COMMAND AND CONTROL
 - COMMAND GUIDANCE
 - COMMAND MODULES
 - DECISIONS

COMMERCE

- RT
 - COMMERCIAL SPACECRAFT
 - CONSUMPTION
 - COSTS
 - ECONOMIC DEVELOPMENT
 - FINANCE
 - GROSS NATIONAL PRODUCT
 - INDUSTRIAL AREAS
 - INDUSTRIES
 - ∞ INVESTMENT
 - LIABILITIES
 - LOSSES
 - MANUFACTURING
 - MARKET RESEARCH
 - MARKETING
 - PERT
 - PRODUCT DEVELOPMENT
 - PROJECT MANAGEMENT
 - RISK
 - SUPPLYING

COMMERCE LAB

- RT
 - GOVERNMENT/INDUSTRY RELATIONS
 - ∞ MICROGRAVITY APPLICATIONS
 - MISSION PLANNING
 - SPACE COMMERCIALIZATION
 - SPACE SHUTTLE PAYLOADS
 - USER REQUIREMENTS

COMMERCIAL AIRCRAFT

- UF COMMERCIAL AVIATION
- GS
 - COMMERCIAL AIRCRAFT**
 - BOEING 707 AIRCRAFT
 - BOEING 720 AIRCRAFT
 - BOEING 727 AIRCRAFT
 - BOEING 733 AIRCRAFT
 - BOEING 737 AIRCRAFT
 - BOEING 747 AIRCRAFT
 - BOEING 757 AIRCRAFT
 - BOEING 767 AIRCRAFT
 - COMET 4 AIRCRAFT
 - CV-340 AIRCRAFT
 - CV-440 AIRCRAFT
 - CV-880 AIRCRAFT
 - CV-990 AIRCRAFT
 - DC 3 AIRCRAFT
 - DC 7 AIRCRAFT
 - DC 8 AIRCRAFT
 - DC 9 AIRCRAFT
 - DC 10 AIRCRAFT
 - DH 121 AIRCRAFT
 - ELECTRA AIRCRAFT
 - EUROPEAN AIRBUS
 - A-300 AIRCRAFT
 - A-310 AIRCRAFT
 - A-320 AIRCRAFT
 - F-28 TRANSPORT AIRCRAFT
 - IL-62 AIRCRAFT
 - JETSTREAM AIRCRAFT
 - L-1011 AIRCRAFT
 - LEAR JET AIRCRAFT
 - LIGHT TRANSPORT AIRCRAFT
 - P-160 AIRCRAFT
 - SE-210 AIRCRAFT
 - SUPERSONIC COMMERCIAL AIRCRAFT
 - TRANSPORT
 - BOEING 2707 AIRCRAFT
 - TU-144 AIRCRAFT
 - TU-104 AIRCRAFT
 - TU-124 AIRCRAFT
 - TU-134 AIRCRAFT
 - TU-154 AIRCRAFT
 - VC-10 AIRCRAFT
- RT
 - ∞ AIRCRAFT
 - AIRLINE OPERATIONS
 - CARGO AIRCRAFT
 - CIVIL AVIATION
 - GENERAL AVIATION AIRCRAFT
 - GROUND EFFECT MACHINES
 - JET AIRCRAFT
 - PASSENGER AIRCRAFT
 - ROTARY WING AIRCRAFT
 - SUPERSONIC TRANSPORTS
 - TRANSPORT AIRCRAFT
 - UTILITY AIRCRAFT

COMMERCIAL AIRCRAFT--(CONT)

- V/STOL AIRCRAFT
- WATER TAKEOFF AND LANDING AIRCRAFT

COMMERCIAL AVIATION

- USE
 - CIVIL AVIATION
 - COMMERCIAL AIRCRAFT

COMMERCIAL ENERGY

- RT
 - ALLOCATIONS
 - DISTRIBUTING
 - DOMESTIC ENERGY
 - ECONOMIC FACTORS
 - ∞ ENERGY
 - ENERGY CONSUMPTION
 - ENERGY CONVERSION
 - INDUSTRIAL ENERGY
 - TRANSPORTATION ENERGY

COMMERCIAL SPACECRAFT

- GS **COMMERCIAL SPACECRAFT**
- RCA SATCOM SATELLITES
- RT
 - AEROSPACE INDUSTRY
 - AEROSPACE VEHICLES
 - COMMERCE
 - COMMUNICATION SATELLITES
 - INDUSTRIES
 - SPACE COMMERCIALIZATION
 - SPACE INDUSTRIALIZATION
 - SPACE MANUFACTURING
 - SPACE PROCESSING

COMMINUTION

- UF ATTRITION (MATERIALS)
- GS **COMMINUTION**
- CRUSHING
- GRINDING (COMMINUTION)
- SHREDDING
- RT
 - ATOMIZING
 - BENEFICIATION
 - CHIPPING
 - COLLOIDING
 - CRUSHERS
 - CUTTING
 - DISINTEGRATION
 - FLAKING
 - FRAGMENTATION
 - GAS ATOMIZATION
 - GRINDING MILLS
 - METAL POWDER
 - ∞ MILLING
 - PARTICLE PRODUCTION
 - POWDER METALLURGY
 - ∞ REDUCTION

COMMITTEE ON SPACE RESEARCH

- UF COSPAR (COMMITTEE)
- RT
 - ∞ AEROSPACE SCIENCES
 - CONFERENCES
 - EUROPEAN SPACE PROGRAMS
 - INTERNATIONAL COOPERATION
 - NASA PROGRAMS
 - PROGRAMS

COMMODITIES

- RT
 - GOVERNMENT PROCUREMENT
 - MANUFACTURING
 - MARKET RESEARCH
 - PROCUREMENT MANAGEMENT
 - PRODUCTS

COMMONALITY

- GS STANDARDIZATION
- COMMONALITY**
- RT
 - AIRCRAFT EQUIPMENT
 - COST REDUCTION
 - EFFICIENCY
 - EQUIPMENT SPECIFICATIONS
 - GROUND SUPPORT SYSTEMS
 - SPACECRAFT COMPONENTS
 - SPECIFICATIONS

COMMUNICATING

- GS **COMMUNICATING**
- AIRCRAFT COMMUNICATION
- CONVERSATION
- ELECTROCUTANEOUS COMMUNICATION
- GROUND-AIR-GROUND COMMUNICATION
- INFORMATION DISSEMINATION
- MESSAGES
- SELECTIVE DISSEMINATION OF INFORMATION

COMMUNICATION EQUIPMENT

COMMUNICATING--(CONT)

- INTERSTELLAR COMMUNICATION
- LIP READING
- POINT TO POINT COMMUNICATION
- NASCOM NETWORK
- UNDERGROUND COMMUNICATION
- VERBAL COMMUNICATION
- RT
 - COLOR TELEVISION
 - CROSSTALK
 - EDUCATION
 - FREQUENCY ASSIGNMENT
 - INFORMATION
 - INFORMATION FLOW
 - INFORMATION MANAGEMENT
 - MESSAGE PROCESSING
 - MORSE CODE
 - STEREOTELEVISION
 - SYSTEMS ENGINEERING
 - TDR SATELLITES
 - TECHNOLOGY TRANSFER
 - TELECOMMUNICATION

COMMUNICATION

- GS TELECOMMUNICATION
- COMMUNICATION**
- FACSIMILE COMMUNICATION
- LINE OF SIGHT COMMUNICATION
- OPTICAL COMMUNICATION
- SHIP TO SHORE COMMUNICATION
- UNDERWATER COMMUNICATION
- RT
 - INFORMATION
 - INFORMATION FLOW
 - INFORMATION MANAGEMENT
 - MARISAT SATELLITES
 - MESSAGE PROCESSING
 - SPREAD SPECTRUM TRANSMISSION
 - TECHNOLOGY TRANSFER

COMMUNICATION CABLES

- GS TRANSMISSION LINES
- COMMUNICATION CABLES**
- COAXIAL CABLES
- WAVEGUIDES
- BEAM WAVEGUIDES
- CIRCULAR WAVEGUIDES
- OPTICAL WAVEGUIDES
- PLASMA GUIDES
- RECTANGULAR WAVEGUIDES
- RT
 - ∞ CABLES
 - ELECTRIC WIRE
 - SUBMARINE CABLES

COMMUNICATION EQUIPMENT

- GS **COMMUNICATION EQUIPMENT**
- ADVANCED VIDICON CAMERA SYSTEM (AVCS)
- CLOSED CIRCUIT TELEVISION
- DIPLEXERS
- INTERPHONES
- PLAT SYSTEM
- RADIO RECEIVERS
- SUPERHETERODYNE RECEIVERS
- TRANSMITTER RECEIVERS
- WHISTLER RECORDERS
- SPACECRAFT TELEVISION
- DIGITAL SPACECRAFT TELEVISION
- RANGER BLOCK 3 TELEVISION SYSTEM
- SATELLITE TELEVISION
- STEREOTELEVISION
- RT
 - ANTENNA COMPONENTS
 - BIOTELEMETRY
 - COLOR TELEVISION
 - EARTH TERMINALS
 - EDUCATIONAL TELEVISION
 - ∞ EQUIPMENT
 - FURLABLE ANTENNAS
 - INERTIALLESS STEERABLE ANTENNAS
 - INFORMATION ADAPTIVE SYSTEM
 - LOGARITHMIC RECEIVERS
 - MATCHED FILTERS
 - ORBITING DIPOLES
 - P A C M TELEMETRY
 - PULSE FREQUENCY MODULATION
 - PULSE FREQUENCY MODULATION TELEMETRY
 - RADIO COMMUNICATION
 - RADIO EQUIPMENT
 - RADIO RELAY SYSTEMS
 - RADIO TELEGRAPHY
 - RADIO TELEMETRY
 - SPHERICAL ANTENNAS
 - TELEMETRY
 - TELEPHONY
 - TELEVISION SYSTEMS

COMMUNICATION NETWORKS

COMMUNICATION EQUIPMENT-(CONT)

UNIFIED S BAND

COMMUNICATION NETWORKS

GS **COMMUNICATION NETWORKS**
 NASCOM NETWORK
 RT ACCESS CONTROL
 BROADCASTING
 DATA LINKS
 DEFENSE COMMUNICATIONS SYSTEM (DCS)
 DEMAND ASSIGNMENT MULTIPLE ACCESS
 ELECTRONIC MAIL
 FREQUENCY DIVISION MULTIPLEXING
 NETWORK CONTROL
 PACKET SWITCHING
 PACKETS (COMMUNICATION)
 PROTOCOL (COMPUTERS)
 PULSE COMMUNICATION
 RADIO COMMUNICATION
 SATELLITE NETWORKS
 TELECOMMUNICATION

COMMUNICATION SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
 AERONAUTICAL SATELLITES
 AEROSAT SATELLITES
 ARCOMSAT
 COMMUNICATIONS TECHNOLOGY SATELLITE
 COMSTAR C
 NATO 3B SATELLITE
 COMSTAR SATELLITES
 EUROPEAN COMMUNICATIONS SATELLITE
 INTELSAT SATELLITES
 L-SAT
 LOW FREQUENCY
 TRANSIONOSPHERIC SATELLITES
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 MOLNIYA SATELLITES
 PALAPA SATELLITES
 PALAPA 2 SATELLITE
 RADUGA SATELLITE
 RCA SATCOM SATELLITES
 RELAY SATELLITES
 RELAY 1 SATELLITE
 RELAY 2 SATELLITE
 SYMPHONIE SATELLITES
 SYNCOM SATELLITES
 EARLY BIRD SATELLITES
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 SYNCOM 4 SATELLITE
 WESTAR SATELLITES
 RT ADVENT PROJECT
 ATS
 CARRIER TO NOISE RATIOS
 COMMERCIAL SPACECRAFT
 COMSAT PROGRAM
 DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 DEMAND ASSIGNMENT MULTIPLE ACCESS
 DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
 DOWNLINKING
 EARTH TERMINAL MEASUREMENT SYSTEM
 ECHO PROJECT
 ELECTRONIC MAIL
 FLEET SATELLITE COMMUNICATION SYSTEM
 GEOPHYSICAL SATELLITES
 GROUND-AIR-GROUND COMMUNICATION
 HET EXPERIMENT
 INDIAN SPACE PROGRAM
 LAND MOBILE SATELLITE SERVICE
 MOBILE COMMUNICATION SYSTEMS
 MSAT
 NETWORK CONTROL
 ORBIT SPECTRUM UTILIZATION
 PASSIVE SATELLITES
 RADIO RELAY SYSTEMS
 SATELLITE NETWORKS
 SKYNET SATELLITES
 SPACE COMMERCIALIZATION
 SPACE COMMUNICATION
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ

COMMUNICATION SATELLITES-(CONT)

SYNCHRONOUS METEOROLOGICAL SATELLITE
 SYNCHRONOUS PLATFORMS
 SYNCHRONOUS SATELLITES
 TELECOMMUNICATION
 TELECONFERENCING
 TELSTAR PROJECT
 UNMANNED SPACECRAFT
 UPLINKING
 WIRELESS COMMUNICATION

COMMUNICATION SYSTEMS

USE TELECOMMUNICATION

COMMUNICATION THEORY

UF STATISTICAL COMMUNICATION THEORY
 GS **COMMUNICATION THEORY**
 WORDS (LANGUAGE)
 SYLLABLES
 RT CROSS COUPLING
 CYBERNETICS
 DATA TRANSMISSION
 HIGH LEVEL LANGUAGES
 INFORMATION THEORY
 INTELLIGIBILITY
 LANGUAGES
 LATTICES (MATHEMATICS)
 MESSAGES
 NETWORK SYNTHESIS
 RANDOM NOISE
 RANDOM PROCESSES
 REDUNDANCY
 SEMANTICS
 SENTENCES
 SIGNAL TO NOISE RATIOS
 SWITCHING THEORY
 ∞THEORIES

COMMUNICATIONS TECHNOLOGY SATELLITE

UF HERMES SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY SATELLITE
 COMSTAR C
 NATO 3B SATELLITE
 RT CANADA
 CANADIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION
 NASA PROGRAMS
 SYNCHRONOUS SATELLITES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION

COMMUNITIES

GS **COMMUNITIES**
 INHABITANTS
 MOUNTAIN INHABITANTS
 RT CITIES
 DEMOGRAPHY
 ETHNIC FACTORS
 INTEGRATED ENERGY SYSTEMS
 MEGALOPOLISES
 MINORITIES
 MODULAR INTEGRATED UTILITY SYSTEM
 NATIONS
 POLICE
 POLITICS
 REGIMES
 SOCIOLOGY
 STARSITE PROGRAM
 UNITED NATIONS
 URBAN DEVELOPMENT
 URBAN PLANNING
 URBAN RESEARCH

COMMUTATION

RT COMMUTATORS
 INTERPOLATION
 SWITCHING THEORY

COMMUTATORS

GS **COMMUTATORS**
 DECOMMUTATORS
 RT ARMATURES
 COMMUTATION
 DISTRIBUTORS
 ELECTRIC CONTACTS
 ELECTRIC MOTORS
 ∞ROTATING ELECTRICAL MACHINES
 ROTATING GENERATORS

NASA THESAURUS (VOLUME 1)

COMPACTING

RT AGGLOMERATION
 COLD PRESSING
 DENSIFICATION
 HOT PRESSING
 POWDER METALLURGY
 PRESSES
 ∞PRESSING
 PRESSING (FORMING)
 VIBRATION

COMPACTNESS

USE VOID RATIO

COMPANDING

RT FREQUENCY MODULATION
 MODULATION
 RADIO TRANSMISSION
 SIGNAL PROCESSING
 SIGNAL TO NOISE RATIOS

COMPANION STARS

GS CELESTIAL BODIES
 STARS
 DOUBLE STARS
 BINARY STARS
COMPANION STARS
 RT PARALLAX
 STELLAR MOTIONS
 VARIABLE STARS
 VISUAL OBSERVATION
 X RAY BINARIES

COMPARATOR CIRCUITS

GS CIRCUITS
COMPARATOR CIRCUITS
 RT CLIPPER CIRCUITS
 DELAY CIRCUITS
 DISCRIMINATION
 TIME DISCRIMINATION

COMPARATORS

GS MEASURING INSTRUMENTS
COMPARATORS
 RT DISCRIMINATORS
 ERROR SIGNALS
 HARMONIC GENERATORS
 MONOCHROMATORS
 REFLECTOMETERS

COMPARISON

RT ANALOGIES
 COST ANALYSIS
 ECONOMIC ANALYSIS
 ESTIMATES
 EVALUATION
 EXAMINATION
 MATCHING
 PATTERN REGISTRATION
 RANKING

COMPARTMENTATION

USE COMPARTMENTS

COMPARTMENTS

UF COMPARTMENTATION
 GS **COMPARTMENTS**
 AIR LOCKS
 AIRCRAFT COMPARTMENTS
 COMMAND MODULES
 PRESSURIZED CABINS
 SPACECRAFT CABINS
 TEST CHAMBERS
 ANECHOIC CHAMBERS
 PRESSURE CHAMBERS
 HYPERBARIC CHAMBERS
 VACUUM CHAMBERS
 RT BAYS (STRUCTURAL UNITS)
 ∞CELLS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORKSTATIONS
 ENCLOSURES
 MODULES
 ROOMS
 SPACECRAFT MODULES

COMPASS (PROGRAMMING LANGUAGE)

GS LANGUAGES
 PROGRAMMING LANGUAGES
 ASSEMBLY LANGUAGE
COMPASS (PROGRAMMING LANGUAGE)

NASA THESAURUS (VOLUME 1)

COMPOSITE MATERIALS

COMPASS (PROGRAMMING-(CONT))
 RT COMPILERS
 COMPUTER PROGRAMMING

COMPASSES
 GS AIRCRAFT INSTRUMENTS
 COMPASSES
 GYROCOMPASSES
 MAGNETIC COMPASSES
 SOLAR COMPASSES
 MEASURING INSTRUMENTS
 COMPASSES
 GYROCOMPASSES
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 COMPASSES
 GYROCOMPASSES
 MAGNETIC COMPASSES
 SOLAR COMPASSES

RT BEACONS
 BUOYS
 FLIGHT INSTRUMENTS
 RADAR BEACONS
 RADIO DIRECTION FINDERS
 TRANSITS

COMPATIBILITY
 GS **COMPATIBILITY**
 BIOCOMPATIBILITY
 ELECTROMAGNETIC COMPATIBILITY
 SYSTEMS COMPATIBILITY

RT ACCEPTABILITY
 AFFINITY
 CONVENTIONS
 PERMISSIVITY
 STABILITY
 SUITABILITY
 VERSATILITY

COMPENSATION
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT ALLOWANCES
 ERRORS
 IMAGE MOTION COMPENSATION
 INSTRUMENT COMPENSATION
 TEMPERATURE COMPENSATION
 TRANSIENT RESPONSE

COMPENSATORS
 RT BALANCE
 BIAS
 COMPULSATORS
 ERROR SIGNALS
 FEEDBACK
 VIDEO EQUIPMENT

COMPENSATORY TRACKING
 GS TRACKING (POSITION)
COMPENSATORY TRACKING

RT INFRARED TRACKING
 OPTICAL TRACKING
 RADAR TRACKING

COMPETITION
 RT ATHLETES
 HUMAN PERFORMANCE
 HUMAN REACTIONS
 PHYSICAL FITNESS

COMPILATION (COMPUTERS)
 USE COMPILERS

COMPILER PROGRAMS
 USE COMPILERS

COMPILERS
 SN (PROGRAM-MAKING ROUTINES FOR DIGITAL COMPUTERS)
 UF COMPILATION (COMPUTERS)
 COMPILER PROGRAMS
 GS COMPUTER PROGRAMS
 COMPILERS

RT ASSEMBLER ROUTINES
 AUTOCODERS
 COLLATING
 COMPASS (PROGRAMMING LANGUAGE)
 COMPUTER PROGRAM INTEGRITY
 COMPUTER SYSTEMS PROGRAMS
 DATA CONVERSION ROUTINES
 FORTRAN
 OPERATING SYSTEMS (COMPUTERS)
 PARSING ALGORITHMS

COMPILERS-(CONT)
 PASCAL (PROGRAMMING LANGUAGE)
 PL/1
 PROGRAMMED INSTRUCTION
 SUBROUTINES

COMPLEMENT
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT COMPLEMENT (BIOLOGY)
 COMPLEMENTS (MATHEMATICS)
 PERSONNEL

COMPLEMENT (BIOLOGY)
 RT **COMPLEMENT**
 BIOLOGY
 COMPLEMENT
 HEMOLYSIS

COMPLEMENTARY METAL OXIDE SEMICONDUCTORS
 USE CMOS

COMPLEMENTS (MATHEMATICS)
 RT ANGLES (GEOMETRY)
 COMPLEMENT
 LOGIC

COMPLETENESS
 RT ACHIEVEMENT
 COMPUTER PROGRAM INTEGRITY
 INTEGRITY

COMPLEX COMPOUNDS
 RT **COMPLEX COMPOUNDS**
 CHEMICAL COMPOUNDS
 MOLECULAR STRUCTURE
 TRANSITION METALS

COMPLEX NUMBERS
 RT GEOMETRY
 INTEGERS
 NUMBERS
 REAL NUMBERS

COMPLEX SYSTEMS
 RT PARAMETER IDENTIFICATION
 RELIABILITY ENGINEERING
 SYSTEM IDENTIFICATION
 SYSTEMS
 SYSTEMS ANALYSIS

COMPLEX VARIABLES
 GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
 AIRY FUNCTION
 ANALYTIC FUNCTIONS
 ENTIRE FUNCTIONS
 BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 CAUCHY INTEGRAL FORMULA
 CONFORMAL MAPPING
 CONJUGATES
 CONJUGATE POINTS
 EXPONENTIAL FUNCTIONS
 LOGARITHMS
 GAMMA FUNCTION
 HARMONIC FUNCTIONS
 HYPERBOLIC FUNCTIONS
 HYPERGEOMETRIC FUNCTIONS
 LAGUERRE FUNCTIONS
 LEGENDRE FUNCTIONS
 LIOUVILLE THEOREM
 MATHIEU FUNCTION
 MEROMORPHIC FUNCTIONS
 ELLIPTIC FUNCTIONS
 RATIONAL FUNCTIONS
 NONHOLONOMIC EQUATIONS
 ORTHOGONAL FUNCTIONS
 SCHWARZ-CHRISTOFFEL
 TRANSFORMATION
 SINGULARITY (MATHEMATICS)
 NAKED SINGULARITIES
 SPHERICAL HARMONICS

RT APERIODIC FUNCTIONS
 COMPLEXITY
 DEPENDENT VARIABLES
 EULER-CAUCHY EQUATIONS
 FUNCTIONAL ANALYSIS
 JOUKOWSKI TRANSFORMATION
 MAXIMUM PRINCIPLE
 REAL VARIABLES
 SCHAUDER FIXPOINT THEOREM
 STABILITY DERIVATIVES
 THEODORSEN TRANSFORMATION

COMPLEX VARIABLES-(CONT)
 UNIQUENESS THEOREM
 VARIABLE

COMPLEXITY
 UF COMPLICATION
 GS **COMPLEXITY**
 TASK COMPLEXITY

RT COMPLEX VARIABLES
 FEEDBACK
 PERFORMANCE
 STATISTICAL DISTRIBUTIONS

COMPLIANCE (ELASTICITY)
 USE MODULUS OF ELASTICITY

COMPLICATION
 USE COMPLEXITY

COMPONENT RELIABILITY
 GS RELIABILITY
COMPONENT RELIABILITY

RT AIRCRAFT RELIABILITY
 CIRCUIT RELIABILITY
 CUMULATIVE DAMAGE
 PROCESS CONTROL (INDUSTRY)
 QUALITY CONTROL
 RETIREMENT FOR CAUSE
 SPACECRAFT RELIABILITY
 STRUCTURAL RELIABILITY

COMPONENTS
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

UF PARTS
 RT ACCESSORIES
 ANTENNA COMPONENTS
 ASSEMBLIES
 COMPUTER COMPONENTS
 CONTENT
 ENGINE PARTS
 FRACTIONS
 INGREDIENTS
 MISSILE COMPONENTS
 MODULES
 REDUNDANT COMPONENTS
 SEGMENTS
 SPACECRAFT COMPONENTS
 SPARE PARTS
 STRUCTURAL MEMBERS
 SUBASSEMBLIES

COMPOSITE FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
COMPOSITE FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 COMPOSITE FUNCTIONS

COMPOSITE MATERIALS
 UF COMPOSITES
 PYROGRAPHALLOY
 REINFORCED MATERIALS

GS **COMPOSITE MATERIALS**
 ALUMINUM BORON COMPOSITES
 ALUMINUM GRAPHITE COMPOSITES
 BORON REINFORCED MATERIALS
 BORON-EPOXY COMPOUNDS
 CARBON-CARBON COMPOSITES
 CERAMIC MATRIX COMPOSITES
 CERMETS
 COMPOSITE PROPELLANTS
 EPOXY MATRIX COMPOSITES
 FIBER COMPOSITES
 CARBON FIBER REINFORCED
 PLASTICS
 GLASS FIBER REINFORCED PLASTICS
 FIBER REINFORCED COMPOSITES
 GLASSY CARBON
 GRAPHITE-POLYIMIDE COMPOSITES
 LAMINATES
 BORAL
 PLYWOOD
 METAL MATRIX COMPOSITES
 BORSIC (TRADENAME)
 EUTECTIC COMPOSITES
 POLYMER MATRIX COMPOSITES
 REINFORCED PLASTICS
 GLASS FIBER REINFORCED PLASTICS
 MICARTA
 RESIN MATRIX COMPOSITES
 GRAPHITE-EPOXY COMPOSITES
 SUPERHYBRID MATERIALS
 GRAPHITE-EPOXY COMPOSITES

COMPOSITE PROPELLANTS

COMPOSITE MATERIALS-(CONT)

THREE DIMENSIONAL COMPOSITES
WHISKER COMPOSITES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
BIMETALS
BORON FIBERS
CARBON FIBERS
CLADDING
COATINGS
∞ CONSTRUCTION MATERIALS
E GLASS
FIBER ORIENTATION
FIBER RELEASE
FIBERS
INSULATION
LAY-UP
LOW DENSITY RESEARCH
∞ MATERIALS
∞ MATRICES
MATRIX MATERIALS
METALS
MICROMECHANICS
MIXTURES
MODULAR RATIOS
MONOTECTIC ALLOYS
MULTILAYER INSULATION
PLY ORIENTATION
POWDER METALLURGY
PREFORMS
PREPREGS
REINFORCEMENT (STRUCTURES)
REINFORCING FIBERS
REINFORCING MATERIALS
RIGID STRUCTURES
∞ ROVINGS
S GLASS
SANDWICH STRUCTURES
SOLID SUSPENSIONS
SPIRAL WRAPPING
THERMOSETTING RESINS

COMPOSITE PROPELLANTS

GS COMPOSITE MATERIALS
COMPOSITE PROPELLANTS
PROPELLANTS
SOLID PROPELLANTS
COMPOSITE PROPELLANTS
RT CASE BONDED PROPELLANTS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
EXPLOSIVES
FUEL PRODUCTION
PLASTIC PROPELLANTS
PLASTISOLS
POLYSULFIDES
POLYURETHANE RESINS
PROPELLANT ADDITIVES
PROPELLANT BINDERS
SOLID ROCKET PROPELLANTS

COMPOSITE STRUCTURES

GS COMPOSITE STRUCTURES
LAMINATES
BORAL
PLYWOOD
RT BORON-EPOXY COMPOUNDS
CERAMIC MATRIX COMPOSITES
GLASS FIBER REINFORCED PLASTICS
HONEYCOMB CORES
HONEYCOMB STRUCTURES
HYBRID STRUCTURES
LAY-UP
PULTRUSION
STEEL STRUCTURES
∞ STRUCTURES

COMPOSITE WRAPPING

RT FIBER COMPOSITES
FILAMENT WINDING
ISOTENSOID STRUCTURES
SPIRAL WRAPPING
∞ WRAP

COMPOSITES

USE COMPOSITE MATERIALS

∞ COMPOSITION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COMPOSITION (PROPERTY)
CONTENT
FORMULATIONS
INGREDIENTS

COMPOSITION-(CONT)

STOICHIOMETRY

COMPOSITION (PROPERTY)

GS COMPOSITION (PROPERTY)
ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
IONOSPHERIC COMPOSITION
BODY COMPOSITION (BIOLOGY)
CHEMICAL COMPOSITION
CARBON DIOXIDE CONCENTRATION
STELLAR COMPOSITION
CONCENTRATION (COMPOSITION)
ATOM CONCENTRATION
CARBON DIOXIDE CONCENTRATION
LOW CONCENTRATIONS
MASCONS
METEOROID CONCENTRATION
MOISTURE CONTENT
ATMOSPHERIC MOISTURE
GAS COMPOSITION
CARBON DIOXIDE CONCENTRATION
LUNAR COMPOSITION
METEORITIC COMPOSITION
PLANETARY COMPOSITION
PLASMA COMPOSITION
RT ∞ COMPOSITION
GRADIENTS
HENRY LAW
LUMPING
MIXTURES
RAOULT LAW
SOLUTIONS
STOICHIOMETRY

COMPOSTING

GS DISPOSAL
WASTE DISPOSAL
COMPOSTING
RT GARBAGE
METABOLIC WASTES
SHREDDING
SOLID WASTES
WASTE TREATMENT
WASTE UTILIZATION

COMPOUND A

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
RT ∞ COMPOUND A
∞ CHEMICAL COMPOUNDS

COMPOUND HELICOPTERS

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
COMPOUND HELICOPTERS
RT AERONAUTICAL ENGINEERING
AIR TRANSPORTATION
∞ AIRCRAFT
AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN
HELICOPTER DESIGN
SHORT TAKEOFF AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

COMPOUNDING

UF MILLING (MIXING)
GS MIXING
RT COMPOUNDING
COLLOIDING
DISSOLVING
GRINDING (COMMINUTION)
HOMOGENIZING
∞ MILLING

∞ COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ CHEMICAL COMPOUNDS
POTTING COMPOUNDS

COMPRESSED AIR

GS GASES
AIR
COMPRESSED AIR
GAS MIXTURES
COMPRESSED AIR
RT COMPRESSORS
DRILLS
ENERGY STORAGE
MAN OPERATED PROPULSION SYSTEMS
OXYGEN SUPPLY EQUIPMENT

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COMPRESSED AIR-(CONT)

PNEUMATIC EQUIPMENT
∞ PUMPING

COMPRESSED GAS

GS GASES
COMPRESSED GAS
HIGH PRESSURE OXYGEN
RT COMPRESSORS
GAS PRESSURE
PNEUMATIC CONTROL

COMPRESSIBILITY

GS MECHANICAL PROPERTIES
COMPRESSIBILITY
RT BULK MODULUS
COMPRESSIBLE FLOW
COMPRESSIVE STRENGTH
DENSITY (MASS/VOLUME)
EQUATIONS OF STATE
GRUNEISEN CONSTANT
HYDROELASTICITY
INCOMPRESSIBILITY
METAL POWDER
POROSITY
POWDER (PARTICLES)

COMPRESSIBILITY EFFECTS

RT BUFFETING
COMPRESSIBLE FLOW
∞ EFFECTS
FLUTTER
HEAT TRANSFER
OSCILLATING FLOW
PRESSURE EFFECTS
RELAXATION (PHYSIOLOGY)
SECONDARY FLOW
SUPERSONIC FLOW
TRANSONIC FLOW

COMPRESSIBLE BOUNDARY LAYER

GS BOUNDARY LAYERS
COMPRESSIBLE BOUNDARY LAYER
RT LAMINAR BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER

COMPRESSIBLE FLOW

GS FLUID FLOW
COMPRESSIBLE FLOW
TRANSONIC FLOW
RT AERODYNAMICS
AIR FLOW
CARTAN SPACE
COMPRESSIBILITY
COMPRESSIBILITY EFFECTS
CROCCO METHOD
GAS FLOW
HUGONIOT EQUATION OF STATE
HYPERSONIC FLOW
INCOMPRESSIBLE FLOW
MAGNETOHYDRODYNAMIC FLOW
NEWTON PRESSURE LAW
STAGNATION FLOW
STAGNATION PRESSURE
STAGNATION TEMPERATURE
SUBSONIC FLOW
SUPERSONIC FLOW

COMPRESSIBLE FLUIDS

RT AERODYNAMIC HEATING
CROCCO METHOD
FLUID POWER
∞ FLUIDS
HYDROELASTICITY
IDEAL FLUIDS
INCOMPRESSIBLE FLUIDS
MAXWELL FLUIDS
METHOD OF CHARACTERISTICS
P WAVES
SUPERFLUIDITY

COMPRESSING

UF RECOMPRESSION
SQUEEZING
GS COMPRESSING
PLASMA COMPRESSION
SPEECH BASEBAND COMPRESSION
RT ADIABATIC CONDITIONS
ANVILS
AXIAL COMPRESSION LOADS
BLOWING
COMPRESSORS
CONCENTRATING
DENSIFICATION

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COMPRESSING-(CONT)

INTERNAL COMPRESSION INLETS
MAGNETIC COMPRESSION
MECHANICAL PROPERTIES
METAL POWDER
PISTON THEORY
∞ PRESSING
PRESSURE
PRESSURE REDUCTION
PULSE COMPRESSION
∞ PUMPING
RAREFACTION
SUPERCHARGERS

COMPRESSION LOADS

GS LOADS (FORCES)
COMPRESSION LOADS
AXIAL COMPRESSION LOADS
IMPACT LOADS
RT AERODYNAMIC LOADS
AXIAL LOADS
BUCKLING
COMPRESSIVE STRENGTH
DYNAMIC LOADS
EDGE LOADING
MECHANICAL PROPERTIES
SHOCK LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THRUST LOADS

COMPRESSION RATIO

GS RATIOS
COMPRESSION RATIO
RT EFFICIENCY
FUEL-AIR RATIO

COMPRESSION TESTERS

USE COMPRESSION TESTS

COMPRESSION TESTS

UF COMPRESSION TESTERS
METEORITE COMPRESSION TESTS
RT CREEP TESTS
DESTRUCTIVE TESTS
HARDNESS TESTS
IMPACT TESTS
LOAD TESTS
∞ MATERIALS TESTS
STATIC TESTS
∞ TESTS

COMPRESSION WAVES

GS ELASTIC WAVES
COMPRESSION WAVES
RT P WAVES

COMPRESSIVE STRENGTH

GS MECHANICAL PROPERTIES
COMPRESSIVE STRENGTH
RT COMPRESSIBILITY
COMPRESSION LOADS
DUCTILITY
ELASTIC PROPERTIES
FIBER STRENGTH
HIGH STRENGTH
POISSON RATIO
RESILIENCE
SHEAR STRENGTH
∞ STRENGTH
TOUGHNESS

COMPRESSOR BLADES

GS TURBOMACHINE BLADES
COMPRESSOR BLADES
RT ∞ BLADES
CENTRIFUGAL COMPRESSORS
FAN BLADES
ROTATING STALLS
ROTOR BLADES (TURBOMACHINERY)
STATOR BLADES
TURBINE BLADES
TURBOCOMPRESSORS
VANES

COMPRESSOR EFFICIENCY

GS EFFICIENCY
COMPRESSOR EFFICIENCY
RT POWER EFFICIENCY
THERMODYNAMIC EFFICIENCY

COMPRESSOR ROTORS

GS ROTATING BODIES
ROTORS

COMPRESSOR ROTORS-(CONT)

COMPRESSOR ROTORS
RT CENTRIFUGAL COMPRESSORS
COMPRESSORS
∞ FANS
IMPELLERS
ROTOR BLADES (TURBOMACHINERY)
TURBINE WHEELS
TURBOCOMPRESSORS

COMPRESSORS

SN (EXCLUDES DATA COMPRESSORS)
GS COMPRESSORS
CENTRIFUGAL COMPRESSORS
SUPERCHARGERS
SUPERSONIC COMPRESSORS
TRANSONIC COMPRESSORS
TURBOCOMPRESSORS
RT AIR CONDITIONING EQUIPMENT
BLOWERS
COMPRESSED AIR
COMPRESSED GAS
COMPRESSING
COMPRESSOR ROTORS
CONDENSERS (LIQUEFIFIERS)
COOLERS
∞ FANS
REFRIGERATING MACHINERY
STATORS
TURBOMACHINERY
VACUUM PUMPS
VANELESS DIFFUSERS

COMPTON EFFECT

GS SCATTERING
COMPTON EFFECT
RT COHERENT SCATTERING
∞ EFFECTS
INELASTIC SCATTERING
NUCLEAR REACTIONS
PHOTOELECTRICITY

COMPULSATORS

RT AC GENERATORS
COMPENSATORS
ELECTRIC POWER SUPPLIES
PULSE GENERATORS

COMPUTATION

UF CALCULATION
GS COMPUTATION
ORBIT CALCULATION
MINIMUM VARIANCE ORBIT
DETERMINATION
RT ADDITION
∞ APPLICATIONS OF MATHEMATICS
ARITHMETIC
CALCULATORS
COMPUTATIONAL ASTROPHYSICS
COMPUTATIONAL FLUID DYNAMICS
COMPUTERS
DATA PROCESSING
DATA REDUCTION
DIVIDING (MATHEMATICS)
∞ FORMULAS
INTERPOLATION
LINEAR PREDICTION
MULTIPLICATION
SUBTRACTION
SUMS

COMPUTATIONAL ASTROPHYSICS

GS ASTROPHYSICS
COMPUTATIONAL ASTROPHYSICS
RT COMPUTATION
COMPUTERIZED SIMULATION
MATHEMATICAL MODELS
∞ SCIENCE

COMPUTATIONAL CHEMISTRY

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
COMPUTATIONAL CHEMISTRY
RT ∞ CHEMISTRY
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
PHYSICAL CHEMISTRY
∞ TESTS

COMPUTATIONAL FLUID DYNAMICS

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
COMPUTATIONAL FLUID DYNAMICS
FLUID MECHANICS
FLUID DYNAMICS

COMPUTER COMPATIBLE TAPES

COMPUTATIONAL FLUID DYNAMICS-(CONT)

COMPUTATIONAL FLUID DYNAMICS
RT COMPUTATION
∞ DYNAMICS
EQUATIONS OF MOTION
FINITE ELEMENT METHOD
HYDRODYNAMIC COEFFICIENTS
INTERACTIONAL AERODYNAMICS
NAVIER-STOKES EQUATION
PANEL METHOD (FLUID DYNAMICS)
RELAXATION METHOD (MATHEMATICS)
SPECTRAL METHODS

COMPUTATIONAL GRIDS

UF GRIDS (MATHEMATICS)
MESH (MATHEMATICS)
RT COORDINATES
MATHEMATICAL MODELS
NUMERICAL ANALYSIS
PROBLEM SOLVING

COMPUTER AIDED DESIGN

UF CAD (DESIGN)
COMPUTERIZED DESIGN
GS COMPUTER TECHNIQUES
COMPUTER AIDED DESIGN
IPAD
RT AIRCRAFT DESIGN
AMPLIFIER DESIGN
COMPUTER GRAPHICS
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
∞ DESIGN
DRAFTING MACHINES
ENGINE DESIGN
HELICOPTER DESIGN
LENS DESIGN
LOFTING
LOGIC DESIGN
MISSILE DESIGN
REACTOR DESIGN
ROBOTICS
SATELLITE DESIGN
SPACECRAFT DESIGN
STRUCTURAL DESIGN

COMPUTER AIDED MANUFACTURING

UF CAM (MANUFACTURING)
GS COMPUTER TECHNIQUES
COMPUTER AIDED MANUFACTURING
MANUFACTURING
COMPUTER AIDED MANUFACTURING
RT COMPUTER GRAPHICS
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
ROBOTICS

COMPUTER AIDED MAPPING

GS COMPUTER TECHNIQUES
COMPUTER AIDED MAPPING
MAPPING
COMPUTER AIDED MAPPING
RT COMPUTER GRAPHICS
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
MAPS
ROBOTICS

COMPUTER AIDED TOMOGRAPHY

UF CAT SCANNER
GS COMPUTER TECHNIQUES
COMPUTER AIDED TOMOGRAPHY
IMAGERY
RADIOGRAPHY
TOMOGRAPHY
COMPUTER AIDED TOMOGRAPHY
RT COMPUTER GRAPHICS
IMAGE PROCESSING

COMPUTER ASSISTED INSTRUCTION

UF CAI
GS COMPUTER TECHNIQUES
COMPUTER ASSISTED INSTRUCTION
PROGRAMMED INSTRUCTION
COMPUTER ASSISTED INSTRUCTION
RT LANGUAGE PROGRAMMING
SYMBOLIC PROGRAMMING

COMPUTER COMPATIBLE TAPES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
MAGNETIC TAPES
COMPUTER COMPATIBLE TAPES
RT COMPUTERS
DATA PROCESSING EQUIPMENT

COMPUTER COMPONENTS

COMPUTER COMPATIBLE TAPES-(CONT)

DIGITAL COMPUTERS
∞ TAPES

COMPUTER COMPONENTS

RT ADDING CIRCUITS
ARITHMETIC AND LOGIC UNITS
BINARY TO DECIMAL CONVERTERS
BUBBLE MEMORY DEVICES
CENTRAL PROCESSING UNITS
∞ COMPONENTS
COMPUTERS
CONSOLES
CONTROL UNITS (COMPUTERS)
COUNTERS
DECIMAL TO BINARY CONVERTERS
LOGICAL ELEMENTS
READ-ONLY MEMORY DEVICES
REMOTE CONSOLES
SHIFT REGISTERS

COMPUTER DESIGN

SN (DESIGN OF COMPUTERS--EXCLUDES
COMPUTERIZED DESIGN AND SYSTEMS
ENGINEERING)
RT ARCHITECTURE (COMPUTERS)
COMPUTERS
∞ DESIGN
FLUID LOGIC
LOGIC DESIGN
MEMORY (COMPUTERS)
MICROPROCESSORS
OPTICAL COMPUTERS
PRODUCT DEVELOPMENT
READ-ONLY MEMORY DEVICES

COMPUTER GRAPHICS

UF INTERACTIVE GRAPHICS
RT COMPUTER AIDED DESIGN
COMPUTER AIDED MANUFACTURING
COMPUTER AIDED MAPPING
COMPUTER AIDED TOMOGRAPHY
COMPUTERS
DATA PROCESSING TERMINALS
DISPLAY DEVICES
PLOTTERS
REMOTE CONSOLES
TOMOGRAPHY

COMPUTER INFORMATION SECURITY

GS SECURITY
COMPUTER INFORMATION SECURITY
RT CRYPTOGRAPHY
DATA PROCESSING
OPERATING SYSTEMS (COMPUTERS)
PRIVACY

COMPUTER METHODS

USE COMPUTER PROGRAMS

COMPUTER NETWORKS

GS COMPUTER NETWORKS
ARPA COMPUTER NETWORK
RT DISTRIBUTED PROCESSING
ELECTRONIC MAIL
INTERPROCESSOR COMMUNICATION
NETWORK CONTROL
∞ NETWORKS
PROTOCOL (COMPUTERS)

COMPUTER PROGRAM INTEGRITY

GS INTEGRITY
COMPUTER PROGRAM INTEGRITY
RT COMPILERS
COMPLETENESS
COMPUTERS
DIGITAL COMPUTERS
ERRORS
PROGRAMS
REDUNDANCY
SECURITY

COMPUTER PROGRAMMING

UF LEGENDRE CODE
GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
ASSEMBLER ROUTINES
LANGUAGE PROGRAMMING
LOGIC PROGRAMMING
MICROPROGRAMMING
MULTIPROGRAMMING
ON-LINE PROGRAMMING
PARALLEL PROGRAMMING
SYMBOLIC PROGRAMMING
RT ADA (PROGRAMMING LANGUAGE)

COMPUTER PROGRAMMING-(CONT)

ADDRESSING
ALGOL
ALGORITHMS
APL (PROGRAMMING LANGUAGE)
ASSEMBLY LANGUAGE
AUTOCODERS
BASIC (PROGRAMMING LANGUAGE)
BATCH PROCESSING
BCH CODES
BLOCK DIAGRAMS
CODING
COMPASS (PROGRAMMING LANGUAGE)
CONTEXT FREE LANGUAGES
DATA STRUCTURES
DIGITAL TECHNIQUES
EXPERT SYSTEMS
FILE MAINTENANCE (COMPUTERS)
FIRMWARE
FLOW CHARTS
FORMALISM
FORMAT
FORTRAN
HAL/S (LANGUAGE)
HEURISTIC METHODS
KINOFORM
LINEAR PROGRAMMING
LISP (PROGRAMMING LANGUAGE)
LOGIC DESIGN
MACHINE-INDEPENDENT PROGRAMS
MAP (PROGRAMMING LANGUAGE)
MATHEMATICAL PROGRAMMING
NATURAL LANGUAGE (COMPUTERS)
NUMERICAL ANALYSIS
PASCAL (PROGRAMMING LANGUAGE)
PL/1
PROGRAM VERIFICATION (COMPUTERS)
PROGRAMMED INSTRUCTION
PROGRAMMERS
∞ PROGRAMMING
PROGRAMMING LANGUAGES
REAL TIME OPERATION
RESPONSE TIME (COMPUTERS)
RUN TIME (COMPUTERS)
SEQUENTIAL CONTROL
SLEUTH (PROGRAMMING LANGUAGE)
SOFTWARE TOOLS
SYSTEMS ANALYSIS
THEOREM PROVING
TIME SHARING

COMPUTER PROGRAMS

UF COMPUTER METHODS
SOFTWARE (COMPUTERS)
GS COMPUTER PROGRAMS
APPLICATIONS PROGRAMS
(COMPUTERS)
COMPILERS
COMPUTER SYSTEMS PROGRAMS
ASSEMBLER ROUTINES
INPUT/OUTPUT ROUTINES
OPERATING SYSTEMS (COMPUTERS)
SUBROUTINE LIBRARIES
(COMPUTERS)
EDITING ROUTINES (COMPUTERS)
MACHINE-INDEPENDENT PROGRAMS
MERGING ROUTINES
MULTIPLE OUTPUT PROGRAMS
NASTRAN
OBJECT PROGRAMS
SOURCE PROGRAMS
SUBROUTINES
RT ALGORITHMS
APPLICATIONS PROGRAMS
(COMPUTERS)
ASSEMBLY LANGUAGE
BATCH PROCESSING
BLOCK DIAGRAMS
CODING
COMPUTERS
DATA CONVERSION ROUTINES
DATA FLOW ANALYSIS
DATA PROCESSING
DIGITAL COMPUTERS
ERROR DETECTION CODES
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
GODDARD TRAJECTORY
DETERMINATION SYSTEM
INSTRUCTION SETS (COMPUTERS)
LASER GUIDANCE
MACHINE TRANSLATION
MODULARITY
NASA INTERACTIVE PLANNING SYSTEM
NUMERICAL CONTROL
ON-LINE SYSTEMS

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COMPUTER PROGRAMS-(CONT)

PROGRAMMED INSTRUCTION
PROGRAMS
REPORT GENERATORS
∞ ROUTINES
SOFTWARE ENGINEERING
SOFTWARE TOOLS
∞ TRANSLATORS
USER MANUALS (COMPUTER
PROGRAMS)

COMPUTER SIMULATION

USE COMPUTERIZED SIMULATION

COMPUTER STORAGE DEVICES

UF MACHINE STORAGE
GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
BUFFER STORAGE
CRYOGENIC COMPUTER STORAGE
MAGNETIC TAPES
COMPUTER COMPATIBLE TAPES
OPTICAL DISKS
RANDOM ACCESS MEMORY
READ-ONLY MEMORY DEVICES
REGISTERS (COMPUTERS)
RT ACOUSTIC DELAY LINES
CARDS
CENTRAL PROCESSING UNITS
∞ CHANNELS
CRYOSAR
∞ EQUIPMENT
HOLE BURNING
MAGNETIC STORAGE
MEMORY (COMPUTERS)
MICROPROCESSORS
OPTICAL MEMORY (DATA STORAGE)
PARAMETRONS
PUNCHED CARDS
PUNCHED TAPES
RANDOM ACCESS
SHIFT REGISTERS
∞ STORAGE
THIN FILMS

COMPUTER SYSTEMS DESIGN

GS SYSTEMS ENGINEERING
COMPUTER SYSTEMS DESIGN
RT AUXILIARY EQUIPMENT (COMPUTERS)
CONCURRENT PROCESSING
∞ DESIGN
DISTRIBUTED PROCESSING
INTERPROCESSOR COMMUNICATION
MAN MACHINE SYSTEMS
OPERATING SYSTEMS (COMPUTERS)
READ-ONLY MEMORY DEVICES
SOFTWARE ENGINEERING
SOFTWARE TOOLS
∞ SYSTEMS
VIRTUAL MEMORY SYSTEMS

COMPUTER SYSTEMS PERFORMANCE

RT CONSISTENCY
DATA SAMPLING
EFFICIENCY
EVALUATION
OPERATOR PERFORMANCE
OUTPUT
∞ PERFORMANCE
PERFORMANCE TESTS
QUALITY
RELIABILITY
RESPONSE TIME (COMPUTERS)
∞ SYSTEMS

COMPUTER SYSTEMS PROGRAMS

UF SOFTWARE (COMPUTERS)
GS COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
ASSEMBLER ROUTINES
INPUT/OUTPUT ROUTINES
OPERATING SYSTEMS (COMPUTERS)
SUBROUTINE LIBRARIES
(COMPUTERS)
RT ALGORITHMS
ASSEMBLY LANGUAGE
AUTOCODERS
COMPILERS
COMPUTERS
DATA FLOW ANALYSIS
DATA PROCESSING
DIGITAL COMPUTERS
EDITING ROUTINES (COMPUTERS)
ERROR DETECTION CODES
REPORT GENERATORS

COMPUTER SYSTEMS PROGRAMS-(CONT)

- ∞ ROUTINES
 - SOFTWARE ENGINEERING
 - SOFTWARE TOOLS
- ∞ SYSTEMS
 - SYSTEMS ANALYSIS

COMPUTER SYSTEMS SIMULATION

- GS SIMULATION
 - COMPUTER SYSTEMS SIMULATION
- RT ANALOG SIMULATION
 - DATA PROCESSING EQUIPMENT
 - DIGITAL SIMULATION
 - MATHEMATICAL MODELS
 - OPERATIONS RESEARCH
 - SIMULATORS
- ∞ SYSTEMS
 - SYSTEMS ANALYSIS

COMPUTER TECHNIQUES

- GS COMPUTER TECHNIQUES
 - COMPUTER AIDED DESIGN
 - IPAD
 - COMPUTER AIDED MANUFACTURING
 - COMPUTER AIDED MAPPING
 - COMPUTER AIDED TOMOGRAPHY
 - COMPUTER ASSISTED INSTRUCTION
- RT ADAPTIVE OPTICS
 - ARPA COMPUTER NETWORK
 - COMPUTATIONAL CHEMISTRY
 - COMPUTER AIDED DESIGN
 - COMPUTER AIDED MANUFACTURING
 - COMPUTER AIDED MAPPING
 - COMPUTERS
 - FLIGHT MANAGEMENT SYSTEMS
 - MANAGEMENT INFORMATION SYSTEMS
 - MANAGEMENT METHODS
 - MANAGEMENT SYSTEMS
 - MICROPROCESSORS
 - NASTRAN
 - NUMERICAL DIFFERENTIATION
 - ON-LINE SYSTEMS
 - PARSING ALGORITHMS
 - PERSONAL COMPUTERS
 - WORD PROCESSING

COMPUTER VISION

- RT ARTIFICIAL INTELLIGENCE
 - ∞ AUTOMATION
 - PATTERN RECOGNITION
 - POSITION SENSING
 - ROBOTICS
 - ROBOTS

COMPUTERIZED CONTROL

- USE NUMERICAL CONTROL

COMPUTERIZED DESIGN

- USE COMPUTER AIDED DESIGN

COMPUTERIZED SIMULATION

- UF ARIP (IMPACT PREDICTION)
 - AUTOMATIC ROCKET IMPACT
 - PREDICTORS
 - COMPUTER SIMULATION
- IP (IMPACT PREDICTION)
- GS SIMULATION
 - COMPUTERIZED SIMULATION
 - ANALOG SIMULATION
 - DIGITAL SIMULATION
- RT ALGORITHMS
 - ALTITUDE SIMULATION
 - COMPUTATIONAL ASTROPHYSICS
 - COMPUTATIONAL CHEMISTRY
 - COMPUTER AIDED DESIGN
 - COMPUTER AIDED MANUFACTURING
 - COMPUTER AIDED MAPPING
 - COMPUTERS
 - CONTROL SIMULATION
 - DIFFERENTIAL ANALYZERS
 - FLIGHT SIMULATION
 - HIGHLY MANEUVERABLE AIRCRAFT
 - HYDRAULIC ANALOGIES
 - LANDING SIMULATION
 - LENNARD-JONES POTENTIAL
 - MATHEMATICAL MODELS
 - ∞ MISSILE SIMULATORS
 - MOTION SIMULATORS
 - NUMERICAL WEATHER FORECASTING
 - OPERATIONS RESEARCH
 - SYSTEMS SIMULATION
 - TARGET SIMULATORS

COMPUTERS

- GS DATA PROCESSING EQUIPMENT

COMPUTERS-(CONT)**COMPUTERS**

- ANALOG COMPUTERS
 - EAI 680 COMPUTER
 - HONEYWELL 600/6000 COMPUTER
 - SIGMA 5 COMPUTER
 - UNIVAC 1100 SERIES COMPUTERS
- CDC COMPUTERS
 - CDC CYBER 74 COMPUTER
 - CDC CYBER 170 SERIES
 - COMPUTERS
 - CDC CYBER 175 COMPUTER
 - CDC CYBER 174 COMPUTER
 - CDC CYBER 203 COMPUTER
 - CDC CYBER 205 COMPUTER
 - CDC STAR 100 COMPUTER
 - CDC 160-A COMPUTER
 - CDC 1604 COMPUTER
 - CDC 3100 COMPUTER
 - CDC 3200 COMPUTER
 - CDC 3600 COMPUTER
 - CDC 3800 COMPUTER
 - CDC 6000 SERIES COMPUTERS
 - CDC 6400 COMPUTER
 - CDC 6600 COMPUTER
 - CDC 6700 COMPUTER
 - CDC 7000 SERIES COMPUTERS
 - CDC 7600 COMPUTER
 - CDC 8090 COMPUTER
- COUNTING RATE COMPUTERS
- DDP COMPUTERS
 - DDP 516 COMPUTER
- DIGITAL COMPUTERS
 - CDC CYBER 74 COMPUTER
 - CDC CYBER 170 SERIES
 - COMPUTERS
 - CDC CYBER 174 COMPUTER
 - CDC CYBER 203 COMPUTER
 - CDC CYBER 205 COMPUTER
 - CDC STAR 100 COMPUTER
 - CDC 160-A COMPUTER
 - CDC 1604 COMPUTER
 - CDC 3100 COMPUTER
 - CDC 3200 COMPUTER
 - CDC 3600 COMPUTER
 - CDC 3800 COMPUTER
 - CDC 6000 SERIES COMPUTERS
 - CDC 6400 COMPUTER
 - CDC 6600 COMPUTER
 - CDC 6700 COMPUTER
 - CDC 7000 SERIES COMPUTERS
 - CDC 7600 COMPUTER
 - CDC 8090 COMPUTER
- EAI 680 COMPUTER
- EAI 8400 COMPUTER
- EAI 8900 COMPUTER
- EMR 6050 COMPUTER
- FERRANTI MERCURY COMPUTER
- GE COMPUTERS
 - GE 625 COMPUTER
 - GE 635 COMPUTER
- HEWLETT-PACKARD COMPUTERS
- HONEYWELL COMPUTERS
 - DDP 516 COMPUTER
 - HONEYWELL ADEPT COMPUTER
 - HONEYWELL DDP 116 COMPUTER
 - HONEYWELL 600/6000 COMPUTER
- IBM 360 COMPUTER
- IBM 370 COMPUTER
- IBM 650 COMPUTER
- IBM 704 COMPUTER
- IBM 709 COMPUTER
- IBM 1130 COMPUTER
- IBM 1401 COMPUTER
- IBM 1410 COMPUTER
- IBM 1620 COMPUTER
- IBM 2250 COMPUTER
- IBM 7000 SERIES COMPUTERS
 - IBM 7030 COMPUTER
 - IBM 7040 COMPUTER
 - IBM 7044 COMPUTER
 - IBM 7070 COMPUTER
 - IBM 7074 COMPUTER
 - IBM 7090 COMPUTER
 - IBM 7094 COMPUTER
- ICL COMPUTERS
- ILLIAC COMPUTERS
 - ILLIAC 3 COMPUTER
 - ILLIAC 4 COMPUTER
- MICROCOMPUTERS
- PERSONAL COMPUTERS
- MINICOMPUTERS
- NOVA COMPUTERS
- MODCOMP II COMPUTER
- MODCOMP IV COMPUTER
- PARALLEL COMPUTERS

COMPUTERS-(CONT)**PDP COMPUTERS**

- PDP 7 COMPUTER
- PDP 8 COMPUTER
- PDP 9 COMPUTER
- PDP 10 COMPUTER
- PDP 11 COMPUTER
- PDP 11/20 COMPUTER
- PDP 11/40 COMPUTER
- PDP 11/45 COMPUTER
- PDP 11/50 COMPUTER
- PDP 11/70 COMPUTER
- PDP 12 COMPUTER
- PDP 15 COMPUTER
- PHILCO 2000 COMPUTER
- RAYTHEON COMPUTERS
- RCA SPECTRA 70 COMPUTER
- SDS 900 SERIES COMPUTERS
- SDS 930 COMPUTER
- SDS 9300 COMPUTER
- SEL COMPUTERS
- SEQUENTIAL COMPUTERS
- SIGMA COMPUTERS
 - SIGMA 9 COMPUTER
 - SIGMA 5 COMPUTER
- SOLOMON COMPUTERS
- UNIVAC LARC COMPUTER
- UNIVAC 80 COMPUTER
- UNIVAC 418 COMPUTER
- UNIVAC 490 COMPUTER
- UNIVAC 494 COMPUTER
- UNIVAC 1100 SERIES COMPUTERS
 - UNIVAC 1105 COMPUTER
 - UNIVAC 1106 COMPUTER
 - UNIVAC 1107 COMPUTER
 - UNIVAC 1108 COMPUTER
 - UNIVAC 1110 COMPUTER
 - UNIVAC 1230 COMPUTER
- VAX COMPUTERS
 - VAX-11 SERIES COMPUTERS
 - VAX-11/780 COMPUTER
- EMBEDDED COMPUTER SYSTEMS
- AIRBORNE/SPACEBORNE
- COMPUTERS
- HYBRID COMPUTERS
- IBM COMPUTERS
 - IBM 360 COMPUTER
 - IBM 370 COMPUTER
 - IBM 650 COMPUTER
 - IBM 704 COMPUTER
 - IBM 709 COMPUTER
 - IBM 1130 COMPUTER
 - IBM 1401 COMPUTER
 - IBM 1410 COMPUTER
 - IBM 1620 COMPUTER
 - IBM 2250 COMPUTER
 - IBM 7000 SERIES COMPUTERS
 - IBM 7030 COMPUTER
 - IBM 7040 COMPUTER
 - IBM 7044 COMPUTER
 - IBM 7070 COMPUTER
 - IBM 7074 COMPUTER
 - IBM 7090 COMPUTER
 - IBM 7094 COMPUTER
- MINOS COMPUTER
- OPTICAL COMPUTERS
- PEGASUS COMPUTER
- RCA COMPUTERS
 - RCA SPECTRA 70 COMPUTER
 - RCA-110 COMPUTERS
- SIEMENS 2002 COMPUTER
- SITE DATA PROCESSORS
- UNIVAC COMPUTERS
 - UNIVAC LARC COMPUTER
 - UNIVAC 80 COMPUTER
 - UNIVAC 418 COMPUTER
 - UNIVAC 490 COMPUTER
 - UNIVAC 494 COMPUTER
 - UNIVAC 1100 SERIES COMPUTERS
 - UNIVAC 1105 COMPUTER
 - UNIVAC 1106 COMPUTER
 - UNIVAC 1107 COMPUTER
 - UNIVAC 1108 COMPUTER
 - UNIVAC 1110 COMPUTER
 - UNIVAC 1230 COMPUTER
- RT APPLICATIONS PROGRAMS
 - (COMPUTERS)
 - ARITHMETIC AND LOGIC UNITS
 - ARTIFICIAL INTELLIGENCE
 - AUTOMATA THEORY
 - ∞ AUTOMATION
 - CALCULATORS
 - CENTRAL PROCESSING UNITS
 - COMPUTATION
 - COMPUTER COMPATIBLE TAPES
 - COMPUTER COMPONENTS

COMSAT PROGRAM

COMPUTERS-(CONT)

COMPUTER DESIGN
COMPUTER GRAPHICS
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
CONTROL DATA (COMPUTERS)
CONTROL UNITS (COMPUTERS)
CYBERNETICS
DATA CONVERTERS
DATA PROCESSING
DIGITAL TO VOICE TRANSLATORS
FILE MAINTENANCE (COMPUTERS)
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
HAL/S (LANGUAGE)
HARDWARE
INFORMATION RETRIEVAL
INFORMATION THEORY
INTEL 8080 MICROPROCESSOR
LOGIC CIRCUITS
MACHINE-INDEPENDENT PROGRAMS
∞ MACHINERY
MEMORY (COMPUTERS)
MULTIPROCESSING (COMPUTERS)
PRINTERS (DATA PROCESSING)
READ-ONLY MEMORY DEVICES
REAL TIME OPERATION
RUN TIME (COMPUTERS)
TELECOMMUNICATION
VOCODERS

COMSAT PROGRAM

GS PROGRAMS
COMSAT PROGRAM
RT COMMUNICATION SATELLITES
EARLY BIRD SATELLITES
TELSTAR PROJECT
TELSTAR SATELLITES

COMSTAR C

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY
SATELLITE
COMSTAR C

COMSTAR SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSTAR SATELLITES
RT SATELLITE NETWORKS

CONCATENATED CODES

RT BINARY CODES
∞ CODES
CODING
DATA TRANSMISSION
DECODING
ERROR CORRECTING CODES
REDUNDANCY ENCODING
SIGNAL ENCODING

CONCAVITY

RT CONTOUR SENSORS
CONTOURS
CONVEXITY
FLATNESS
SHAPES
∞ SURFACE GEOMETRY

CONCENTRATING

RT ACCUMULATIONS
ADSORPTION
AGGLOMERATION
BENEFICIATION
CENTRIFUGING
CLASSIFIERS
COAGULATION
COALESCING
COMPRESSING
∞ CONCENTRATION
CONCENTRATORS
CONDENSING
CRYSTALLIZATION
DISTILLATION
DRYING
ENRICHMENT
EVAPORATION
EXTRACTION
FILTRATION

CONCENTRATING-(CONT)

FLOCCULATING
FLOTATION
PERCOLATION
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SEPARATORS
SETTLING
SORPTION
STRESS CONCENTRATION
UPGRADING
VAPORIZING

∞ CONCENTRATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT CONCENTRATING
CONCENTRATION (COMPOSITION)
CROWDING
FILTRATION
ISOTOPIC ENRICHMENT

CONCENTRATION (COMPOSITION)

GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
ATOM CONCENTRATION
CARBON DIOXIDE CONCENTRATION
LOW CONCENTRATIONS
MASCONS
METEOROID CONCENTRATION
MOISTURE CONTENT
ATMOSPHERIC MOISTURE
RT ∞ CONCENTRATION
DILUTION
PARTICULATE SAMPLING
PURITY
QUALITY
SAMPLING
∞ SATURATION
SOLUBILITY

CONCENTRATORS

GS CONCENTRATORS
SPIRALS (CONCENTRATORS)
RT ACCUMULATORS
CENTRIFUGES
CLASSIFIERS
∞ CLASSIFYING
COLUMNS (PROCESS ENGINEERING)
CONCENTRATING
EVAPORATORS
FILTRATION
FLUID FILTERS
PRECIPITATORS
RADIATIVE HEAT TRANSFER
SEPARATORS
SIZE SEPARATION
SIZING SCREENS
SOLAR COLLECTORS
STILLS
THERMAL RADIATION
TRAPS
WASHERS (CLEANERS)

CONCENTRIC CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL SHELLS

CONCENTRIC SPHERES

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
CONCENTRIC SPHERES
RT CONCENTRICITY

CONCENTRICITY

RT ∞ CENTERS
CONCENTRIC SPHERES
ECCENTRICITY

CONCORDE AIRCRAFT

GS JET AIRCRAFT
TURBOFAN AIRCRAFT
CONCORDE AIRCRAFT
SUD AVIATION AIRCRAFT
CONCORDE AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
CONCORDE AIRCRAFT
TRANSPORT AIRCRAFT
CONCORDE AIRCRAFT
RT ∞ AIRCRAFT

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CONCRETE STRUCTURES

RT AGGREGATES
BREAKWATERS
CONSTRUCTION
EARTHQUAKE RESISTANT STRUCTURES
FOUNDATIONS
∞ MATERIALS
RIGID STRUCTURES
∞ STRUCTURES
TOWERS

CONCRETES

RT ADMIXTURES
AGGREGATES
CEMENTS
∞ CONSTRUCTION MATERIALS
GROUT
INSULATION
MASONRY
MORTARS (MATERIAL)
PAVEMENTS
STRUCTURAL MEMBERS

CONCURRENT PROCESSING

GS DATA PROCESSING
CONCURRENT PROCESSING
RT ARCHITECTURE (COMPUTERS)
COMPUTER SYSTEMS DESIGN
MULTIPROCESSING (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)

CONDENSATES

RT AITKEN NUCLEI
∞ CONDENSATION
CONDENSERS (LIQUEFIERS)
CONDENSING
CONTRAILS
DROP SIZE
LIQUEFIED GASES
PLUMES
VAPORS

∞ CONDENSATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT CONDENSATES
CONDENSATION NUCLEI
CONDENSING
GAS-METAL INTERACTIONS
LIQUEFACTION
MAYER PROBLEM
RECTIFICATION

CONDENSATION NUCLEI

GS CONDENSATION NUCLEI
AITKEN NUCLEI
RT AEROSOLS
CLOUD PHYSICS
CLOUDS (METEOROLOGY)
∞ CONDENSATION
CONDENSING
DROPS (LIQUIDS)
ICE NUCLEI
METEOROLOGY
MICROPARTICLES
NUCLEATION
∞ NUCLEI
RAIN

CONDENSATION PUMPS

GS PUMPS
VACUUM PUMPS
CONDENSATION PUMPS
VACUUM APPARATUS
VACUUM PUMPS
CONDENSATION PUMPS

CONDENSATION TRAILS

USE CONTRAILS

CONDENSER RADIATORS

USE CONDENSERS (LIQUEFIERS)
HEAT RADIATORS

∞ CONDENSERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT CAPACITORS
CONDENSERS (LIQUEFIERS)
JET CONDENSERS
PHOTOGRAPHIC RECTIFIERS

- CONDENSERS (LIQUEFIERS)**
 UF CONDENSER RADIATORS
 GS **CONDENSERS (LIQUEFIERS)**
 RT JET CONDENSERS
 ABSORBERS (EQUIPMENT)
 AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 COLD TRAPS
 COLUMNS (PROCESS ENGINEERING)
 COMPRESSORS
 CONDENSATES
 ∞ CONDENSERS
 CONDENSING
 COOLING FINS
 COOLING SYSTEMS
 DISTILLATION EQUIPMENT
 DRYING APPARATUS
 EVAPORATORS
 EXHAUST SYSTEMS
 FILM CONDENSATION
 HEAT EXCHANGERS
 HEAT PUMPS
 LIQUEFIED GASES
 REFRIGERATING MACHINERY
 SEPARATORS
 SPACECRAFT RADIATORS
 VAPORIZERS
- CONDENSING**
 UF GAS LIQUEFACTION
 GS **CONDENSING**
 FILM CONDENSATION
 RT ASSOCIATION REACTIONS
 CLOUD PHYSICS
 CONCENTRATING
 CONDENSATES
 ∞ CONDENSATION
 CONDENSATION NUCLEI
 CONDENSERS (LIQUEFIERS)
 COOLING
 DEHUMIDIFICATION
 DEW POINT
 DISTILLATION
 DROP SIZE
 DROPS (LIQUIDS)
 EVAPORATION
 GAS-LIQUID INTERACTIONS
 GAS-METAL INTERACTIONS
 NUCLEATION
 PHASE CHANGE MATERIALS
 PHASE TRANSFORMATIONS
 REFRIGERATING
 ∞ SATURATION
 ∞ SEPARATION
 ∞ SUBLIMATION
 SUPERCOOLING
 SUPERSATURATION
- CONDITIONED REFLEXES**
 GS REFLEXES
CONDITIONED REFLEXES
 RT CONDITIONING (LEARNING)
 REACTION TIME
- CONDITIONED RESPONSES**
 USE CONDITIONING (LEARNING)
- CONDITIONING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BENEFICIATION
 CONDITIONING (LEARNING)
 POWER CONDITIONING
 PRECONDITIONING
- CONDITIONING (LEARNING)**
 UF CONDITIONED RESPONSES
 GS LEARNING
CONDITIONING (LEARNING)
 RT BEHAVIOR
 BIOFEEDBACK
 CONDITIONED REFLEXES
 ∞ CONDITIONING
 HABITUATION (LEARNING)
 INHIBITION (PSYCHOLOGY)
- CONDITIONING (TREATING)**
 USE TREATMENT
- CONDITIONS**
 GS **CONDITIONS**
 ADIABATIC CONDITIONS
 CHRONIC CONDITIONS
 FLIGHT CONDITIONS
- CONDITIONS-(CONT)**
 KUTTA-JOUKOWSKI CONDITION
 LIPSCHITZ CONDITION
 NONADIABATIC CONDITIONS
 NONEQUILIBRIUM CONDITIONS
 RUNWAY CONDITIONS
- CONDOR MISSILE**
 GS MISSILES
 AIR TO SURFACE MISSILES
CONDOR MISSILE
- CONDUCTANCE**
 USE RESISTANCE
- CONDUCTING**
 USE CONDUCTION
- CONDUCTING FLUIDS**
 SN (EXCLUDES PLASMAS)
 RT CONDUCTORS
 ELECTROLYTES
 MAGNETOHYDRODYNAMICS
- CONDUCTING MEDIA**
 USE CONDUCTORS
- CONDUCTION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF CONDUCTING
 RT ATTENUATION
 CONDUCTIVE HEAT TRANSFER
 CONVECTION
 ELECTRIC CONDUCTORS
 ELECTRIC POWER TRANSMISSION
 HEAT TRANSFER
 HEATING
 REFRACTION
 SOUND PROPAGATION
 SOUND TRANSMISSION
 THERMAL CONDUCTORS
 THERMAL DIFFUSION
 TRANSMISSION
 WAVE PROPAGATION
- CONDUCTION BANDS**
 GS ENERGY BANDS
CONDUCTION BANDS
 RT BAND STRUCTURE OF SOLIDS
 ∞ BANDS
 BRILLOUIN ZONES
 ELECTRON TRANSITIONS
 FRANCK-CONDON PRINCIPLE
 NDM SEMICONDUCTOR DEVICES
 POLARONS
 QUANTUM WELLS
 SEMICONDUCTORS (MATERIALS)
 TRAPPING
- CONDUCTION ELECTRONS**
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
CONDUCTION ELECTRONS
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 ELECTRONS
CONDUCTION ELECTRONS
 RT FREE ELECTRONS
 QUANTUM WELLS
 VALENCE
- CONDUCTIVE HEAT TRANSFER**
 UF HEAT CONDUCTION
 GS TRANSMISSION
 HEAT TRANSMISSION
 HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
 RT ∞ CONDUCTION
 CONVECTIVE HEAT TRANSFER
 LAMINAR HEAT TRANSFER
 THERMAL CONDUCTIVITY
 THERMAL CONDUCTORS
- CONDUCTIVITY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ATMOSPHERIC CONDUCTIVITY
 ELECTRICAL PROPERTIES
 ELECTRICAL RESISTIVITY
- CONDUCTIVITY-(CONT)**
 FLUID FLOW
 IMPEDANCE
 IONOSPHERIC CONDUCTIVITY
 MAGNETORESISTIVITY
 MOBILITY
 OHMS LAW
 PHOTOCONDUCTIVITY
 PLASMA CONDUCTIVITY
 SUPERCONDUCTING POWER
 TRANSMISSION
 SUPERCONDUCTIVITY
 THERMAL CONDUCTIVITY
 TRANSPORT PROPERTIES
 VOID RATIO
- CONDUCTIVITY METERS**
 GS MEASURING INSTRUMENTS
CONDUCTIVITY METERS
 ELECTRICAL CONDUCTIVITY METERS
- CONDUCTORS**
 UF CONDUCTING MEDIA
 GS **CONDUCTORS**
 BUS CONDUCTORS
 ELECTRIC CONDUCTORS
 ELECTRIC WIRE
 ELECTROLYTES
 ANOLYTES
 CATHOLYTES
 ION EXCHANGE MEMBRANE
 ELECTROLYTES
 JUMPERS
 MOLTEN SALT ELECTROLYTES
 NONAQUEOUS ELECTROLYTES
 SOLID ELECTROLYTES
 FLAT CONDUCTORS
 PHOTOCONDUCTORS
 SUPERCONDUCTORS
 THERMAL CONDUCTORS
 RT ANTENNAS
 CONDUCTING FLUIDS
 EXPLODING WIRES
 METALS
 NONFERROUS METALS
 ORGANIC SEMICONDUCTORS
 SEMICONDUCTORS (MATERIALS)
 SUBREFLECTORS
- CONES**
 SN (LIMITED TO MATERIAL OBJECTS)
 UF CONICAL FLARE
 FUSIFORM SHAPES
 GS **CONES**
 CIRCULAR CONES
 CONICAL BODIES
 SLENDER CONES
 NOSE CONES
 ABLATIVE NOSE CONES
 ROCKET NOSE CONES
 SHATTER CONES
 RT AERODYNAMIC CONFIGURATIONS
 BODIES OF REVOLUTION
 CONICAL SHELLS
 CONICS
 FRUSTUMS
 HALF CONES
 MACH CONES
 SYMMETRICAL BODIES
- CONES (VOLCANOES)**
 UF CINDER CONES
 GS GEOLOGY
CONES (VOLCANOES)
 LANDFORMS
CONES (VOLCANOES)
 RT BASALT
 CALDERAS
 CRATERS
 EFFUSIVES
 GEOMORPHOLOGY
 LAVA
 MARS VOLCANOES
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOES
 VOLCANOLOGY
- CONFERENCES**
 UF MEETINGS
 PROCEEDINGS
 RT COMMITTEE ON SPACE RESEARCH

CONFIDENCE

CONFERENCES-(CONT)

CONSULTING
CONVENTIONS
∞ DISCUSSION
DOCUMENTATION
DOCUMENTS
PAPERS
REPORTS
STARSITE PROGRAM
TELECONFERENCING

CONFIDENCE

RT CORRELATION
ERRORS
PROBABILITY THEORY
PSYCHOLOGICAL EFFECTS
QUALITY CONTROL
RELIABILITY
RISK
STATISTICAL ANALYSIS

CONFIDENCE LIMITS

RT CONTINGENCY
ESTIMATES
FORECASTING
MAXIMUM LIKELIHOOD ESTIMATES
∞ MEASUREMENT
NULL HYPOTHESIS
PRECISION
PREDICTIONS
QUALITY CONTROL
RANGE (EXTREMES)
RELIABILITY
RISK
SAMPLING
SIGNIFICANCE
STANDARD DEVIATION
STATISTICAL ANALYSIS
STATISTICAL TESTS
∞ TESTS
VARIANCE (STATISTICS)

CONFIGURATION INTERACTION

GS PARTICLE INTERACTIONS
CONFIGURATION INTERACTION
SCATTERING
ELECTRON SCATTERING
RT ∞ CONFIGURATION INTERACTION
INTERACTIONS
INTERMOLECULAR FORCES
MOLECULAR INTERACTIONS
MOLECULAR STRUCTURE
∞ STRUCTURES

CONFIGURATION MANAGEMENT

GS MANAGEMENT
RT CONFIGURATION MANAGEMENT
∞ CONFIGURATIONS

∞ CONFIGURATIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AERODYNAMIC CONFIGURATIONS
BODY-WING AND TAIL CONFIGURATIONS
CANARD CONFIGURATIONS
CONFIGURATION MANAGEMENT
LAUNCH VEHICLE CONFIGURATIONS
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
SPACECRAFT CONFIGURATIONS
STAGGERING
TORPEDOES

CONFINEMENT

RT ASTRONAUT PERFORMANCE
CONTAINMENT
ISOLATION
MAGNETIC COMPRESSION
NUCLEAR REACTOR CONTROL
PLASMA CONTROL
PLASMA EQUILIBRIUM
SENSORY DEPRIVATION

CONFINING

RT ASTRONAUT PERFORMANCE
DEPRIVATION
ISOLATION
SENSORY DEPRIVATION

CONFIRMATION

USE PROVING

CONFLUENCE

USE CONVERGENCE

CONFORMAL MAPPING

UF CONFORMAL TRANSFORMATIONS
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
CONFORMAL MAPPING
FUNCTIONS (MATHEMATICS)
CONFORMAL MAPPING
RT COORDINATE TRANSFORMATIONS
EULER-CAUCHY EQUATIONS
GRAPHS (CHARTS)
INVARIANT IMBEDDINGS
ISOPARAMETRIC FINITE ELEMENTS
JACOBI INTEGRAL
LAMBERT SURFACE
LIGHTHILL METHOD
MINIMAL SURFACES
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
THEODORSEN TRANSFORMATION

CONFORMAL TRANSFORMATIONS

USE CONFORMAL MAPPING

CONFUSION

RT ENTRAPMENT
TANGLING

CONGENERERS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
CONNECTIVE TISSUE
CONGENERERS
RT MUSCLES

CONGENITAL ANOMALIES

UF CONGENITAL CONDITIONS
RT CHROMOSOMES
GENETICS
HEREDITY
RHESUS FACTOR

CONGENITAL CONDITIONS

USE CONGENITAL ANOMALIES

CONGESTION

GS CIRCULATION
CONGESTION
RT ISCHEMIA
PNEUMONIA
RESPIRATORY DISEASES
VASODILATION

CONGO (BRAZZAVILLE)

UF BRAZZAVILLE
GS FRENCH EQUATORIAL CONGO
NATIONS
CONGO (BRAZZAVILLE)
RT AFRICA

CONGO (KINSHASA)

USE ZAIRE

CONGRESSIONAL REPORTS

GS REPORTS
CONGRESSIONAL REPORTS
RT DOCUMENTS
PRESIDENTIAL REPORTS
PROCEEDINGS

CONGRUENCES

GS NUMBER THEORY
CONGRUENCES
RT ∞ COHERENCE
COLLOCATION
DIVIDING (MATHEMATICS)
GEOMETRY
IDENTITIES
INTEGERS
SYMMETRY

CONICAL BODIES

UF CONOIDS
GS CONES
CONICAL BODIES
SLENDER CONES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
CONICAL BODIES
SLENDER CONES
RT AFTERBODIES
AXISYMMETRIC BODIES

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CONICAL CAMBER

GS CAMBER
CONICAL CAMBER
RT WING CAMBER

CONICAL FLARE

USE CONES

CONICAL FLOW

GS FLUID FLOW
CONICAL FLOW
RT AXISYMMETRIC FLOW
BAFFLES
∞ DIFFUSERS
MULTIPHASE FLOW
SEPARATED FLOW
THREE DIMENSIONAL FLOW
WALL FLOW
WEDGE FLOW

CONICAL INLETS

GS INTAKE SYSTEMS
CONICAL INLETS
RT AIR INTAKES
CONICAL NOZZLES
FUNNELS

CONICAL NOZZLES

RT ANNULAR NOZZLES
CONICAL INLETS
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
EXHAUST DIFFUSERS
EXHAUST NOZZLES
HYPERSONIC NOZZLES
INLET NOZZLES
∞ JET NOZZLES
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
∞ NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SKIRTS
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINE EXHAUST NOZZLES
WIND TUNNEL NOZZLES

CONICAL SCANNING

GS SCANNING
CONICAL SCANNING
RT EXAMINATION
FIELD OF VIEW
MONITORS
PANORAMIC SCANNING
RADAR SCANNING
READERS
READING
SCANNERS
SEARCHING
SURVEILLANCE

CONICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
CONICAL SHELLS
RT CONES

CONICS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CONICS
ELLIPSES
HYPERBOLAS
PARABOLAS
RT CONES
HALF CONES
LOCI

CONIFERS

GS PLANTS (BOTANY)
TREES (PLANTS)
CONIFERS
RT DECIDUOUS TREES
FORESTS
TIMBER IDENTIFICATION
∞ TREES

NASA THESAURUS (VOLUME 1)

CONSTITUTIONAL DIAGRAMS

CONJUGATE GRADIENT METHOD
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 ITERATION
CONJUGATE GRADIENT METHOD
 RT ALGORITHMS
 CONJUGATES
 GRADIENTS
 ITERATIVE SOLUTION

CONJUGATE POINTS
 GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
 CONJUGATES
CONJUGATE POINTS
 RT LINES OF FORCE
 MAGNETIC FIELDS

CONJUGATED CIRCUITS
 GS CIRCUITS
CONJUGATED CIRCUITS

CONJUGATES
 GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
CONJUGATES
 CONJUGATE POINTS
 RT CHOLESKY FACTORIZATION
 CONJUGATE GRADIENT METHOD
 CONJUGATION
 FINITE ELEMENT METHOD

CONJUGATION
 GS **CONJUGATION**
 PHASE CONJUGATION
 RT CONJUGATES

CONJUNCTION
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOOLEAN ALGEBRA
 OCCULTATION
 ORBITS
 PROBABILITY THEORY
 SET THEORY

CONJUNCTIVA
 GS ANATOMY
 SENSE ORGANS
 EYE (ANATOMY)
CONJUNCTIVA
 MEMBRANES
CONJUNCTIVA
 RT CONJUNCTIVITIS
 KERATITIS
 VISION

CONJUNCTIVITIS
 GS DISEASES
 EYE DISEASES
CONJUNCTIVITIS
 INFECTIOUS DISEASES
CONJUNCTIVITIS
 RT CONJUNCTIVA

CONNECTICUT
 GS NATIONS
 UNITED STATES
CONNECTICUT
 RT NEW HAVEN (CT)

CONNECTIONS
 USE JOINTS (JUNCTIONS)

CONNECTIVE TISSUE
 GS ANATOMY
 MUSCULOSKELETAL SYSTEM
CONNECTIVE TISSUE
 CARTILAGE
 COLLAGENS
 CONGENERS
 MARROW
 RT ADIPOSE TISSUES
 BONES
 EXOSKELETONS
 JOINTS (ANATOMY)
 LIGAMENTS
 TENDONS

CONNECTORS
 GS **CONNECTORS**
 ELECTRIC CONNECTORS
 UMBILICAL CONNECTORS

CONNECTORS-(CONT)
 UNIONS (CONNECTORS)
 RT ADAPTERS
 CORDAGE
 COUPLINGS
 DISCONNECT DEVICES
 FASTENERS
 FITTINGS
 FLANGES
 FLAT CONDUCTORS
 JOINTS (JUNCTIONS)
 JUMPERS
 JUNCTIONS
 LINKAGES
 SLEEVES
 TERMINALS
 YOKES

CONNECTORS (ELECTRIC)
 USE ELECTRIC CONNECTORS

CONOIDS
 USE CONICAL BODIES

CONSCIOUSNESS
 GS PERCEPTION
 SENSORY PERCEPTION
CONSCIOUSNESS
 RT ATTENTION
 MENTAL PERFORMANCE
 RECOGNITION
 SLEEP DEPRIVATION

CONSECUTIVE EVENTS
 GS EVENTS
CONSECUTIVE EVENTS
 RT INTERVALS
 PETRI NETS
 PROBABILITY THEORY
 SCHEDULING
 SEQUENCING
 SEQUENTIAL CONTROL
 TIME MEASUREMENT

CONSERVATION
 GS **CONSERVATION**
 ENERGY CONSERVATION
 RT AGRICULTURE
 DEFORESTATION
 DROUGHT
 ENERGY POLICY
 ENVIRONMENT MANAGEMENT
 FIREBREAKS
 FOREST MANAGEMENT
 FORESTS
 HABITATS
 LAND USE
 NEWTON SECOND LAW
 NONCONSERVATIVE FORCES
 PARITY
 POTABLE WATER
 REGIONAL PLANNING
 RURAL LAND USE
 SOIL SCIENCE
 SOILS
 WATER MANAGEMENT
 WATER RECLAMATION

CONSERVATION EQUATIONS
 RT CONTINUITY EQUATION
 EQUATIONS
 NONCONSERVATIVE FORCES
 VORTICITY TRANSPORT HYPOTHESIS

CONSERVATION LAWS
 GS LAWS
CONSERVATION LAWS
 RT MOMENTUM THEORY
 NEWTON THEORY
 NONCONSERVATIVE FORCES

CONSISTENCY
 RT ABILITIES
 ACCURACY
 COMPUTER SYSTEMS PERFORMANCE
 EFFORT
 ERRORS
 LEVELING
 LINEARITY
 MEASUREMENT
 PERFORMANCE
 PRECISION
 QUALITY
 RATINGS
 RELIABILITY

CONSISTENCY-(CONT)
 TOLERANCES (MECHANICS)
 VALIDITY
 VARIABILITY

CONSOLES
 GS PERIPHERAL EQUIPMENT (COMPUTERS)
CONSOLES
 REMOTE CONSOLES
 RT AUTOMATIC TYPEWRITERS
 COMPUTER COMPONENTS
 CONTROL BOARDS
 DATA PROCESSING TERMINALS
 DISPLAY DEVICES
 EQUIPMENT
 HEAD-UP DISPLAYS
 MAN MACHINE SYSTEMS
 MANUAL CONTROL

CONSOLIDATION
 RT COMBINATION
 DENSIFICATION
 OVERCONSOLIDATION
 STABILIZATION

CONSONANTS (SPEECH)
 RT SPEECH
 VOWELS
 WORDS (LANGUAGE)

CONSTANT
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COEFFICIENTS
 CONSTANTS
 INVARIANCE
 TIME CONSTANT

CONSTANT SPEED PROPELLERS
 USE VARIABLE PITCH PROPELLERS

CONSTANT VOLUME BALLOONS
 USE SUPERPRESSURE BALLOONS

CONSTANTAN
 GS ALLOYS
CONSTANTAN
 RT COPPER
 NICKEL
 THERMOCOUPLES

CONSTANTS
 GS **CONSTANTS**
 BOHR MAGNETON
 GRAVITATIONAL CONSTANT
 GRUNEISEN CONSTANT
 HUBBLE CONSTANT
 PLANCKS CONSTANT
 SOLAR CONSTANT
 TIME CONSTANT
 PERCEPTUAL TIME CONSTANT
 RT COEFFICIENTS
 CONSTANT

CONSTELLATIONS
 GS **CONSTELLATIONS**
 ANDROMEDA CONSTELLATION
 ARIES CONSTELLATION
 AURIGA CONSTELLATION
 CASSIOPEIA CONSTELLATION
 CENTAURUS CONSTELLATION
 CEPHEUS CONSTELLATION
 CORONA BOREALIS CONSTELLATION
 CYGNUS CONSTELLATION
 LYRA CONSTELLATION
 ORION CONSTELLATION
 SAGITTARIUS CONSTELLATION
 SCORPIUS CONSTELLATION
 SCUTUM CONSTELLATION
 TAURUS CONSTELLATION
 RT CELESTIAL SPHERE
 PLANISPHERES
 STARS
 ZODIAC

CONSTITUTION
 RT ATOMIC STRUCTURE
 GOVERNMENTS
 LAW (JURISPRUDENCE)

CONSTITUTIONAL DIAGRAMS
 USE PHASE DIAGRAMS

CONSTITUTIVE EQUATIONS

CONSTITUTIVE EQUATIONS

RT ELECTRIC FIELDS
 ∞ EQUATIONS
 MAGNETIC CHARGE DENSITY
 MAGNETIC FIELDS
 MAGNETIC FLUX

CONSTRAINTS

UF HINDRANCE
 LIMITATIONS
 RESTRAINTS
 GS **CONSTRAINTS**
 METEOROLOGICAL PARAMETERS
 BRUNT-VAISALA FREQUENCY
 RT BLOCKING
 CONSTRUCTIONS
 DYNAMIC PROGRAMMING
 ∞ HOLDING
 LINEAR PROGRAMMING
 NONLINEAR PROGRAMMING
 OPERATIONS RESEARCH
 OPTIMIZATION
 PENALTY FUNCTION
 RANGE (EXTREMES)
 RETAINING

CONSTRUCTIONS

UF RESTRICTIONS
 RT ∞ BARRIERS
 BLOCKING
 CHOKES (RESTRICTIONS)
 CLOSURES
 CONSTRAINTS
 CONTRACTS
 IMPEDANCE
 PLUGGING
 ∞ RESISTANCE
 RETARDERS (DEVICES)
 SEALS (STOPPERS)
 STOPPING

CONSTRUCTORS

GS ANATOMY
 MUSCULOSKELETAL SYSTEM
 CONSTRUCTORS

CONSTRUCTION

SN (EXCLUDES TYPES OF STRUCTURES)
 UF ERECTION
 RT ARCHITECTURE
 ASSEMBLING
 BRIDGES (STRUCTURES)
 ∞ BUILDINGS
 CAISSONS
 CONCRETE STRUCTURES
 ∞ CONSTRUCTION MATERIALS
 CONTRACTORS
 CONTRACTS
 ∞ DESIGN
 EXCAVATION
 FABRICATION
 HIGHWAYS
 INSPECTION
 INSTALLING
 LAYOUTS
 MAINTENANCE
 MASONRY
 QUALITY CONTROL
 RECONSTRUCTION
 RIGGING
 SHIPYARDS
 SPACE MANUFACTURING
 STARSITE PROGRAM
 STEEL STRUCTURES
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS
 STRUCTURAL DESIGN
 STRUCTURAL ENGINEERING
 STRUCTURAL MEMBERS
 SURVEYS
 TUNNELING (EXCAVATION)
 WELDING

CONSTRUCTION IN SPACE

USE ORBITAL ASSEMBLY

CONSTRUCTION INDUSTRY

GS INDUSTRIES
 1 **CONSTRUCTION INDUSTRY**
 RT BRIDGES (STRUCTURES)
 ∞ BUILDINGS
 CONTRACTORS
 INDUSTRIAL AREAS
 INDUSTRIAL PLANTS
 TOWERS

CONSTRUCTION INDUSTRY-(CONT)

TRUSSES

∞ CONSTRUCTION MATERIALS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF BUILDING MATERIALS
 STRUCTURAL MATERIALS
 RT AGGREGATES
 AIRCRAFT CONSTRUCTION MATERIALS
 AIRCRAFT SURVIVABILITY
 AIRFRAME MATERIALS
 ARCHITECTURE
 BITUMENS
 BOARDS (PAPER)
 BRICKS
 CEMENTS
 COMPOSITE MATERIALS
 CONCRETES
 CONSTRUCTION
 GRAPHITE-EPOXY COMPOSITES
 GROUT
 INSULATION
 LATHES
 MASONITE (TRADEMARK)
 MASONRY
 ∞ MATERIALS
 PANELS
 PLASTICS
 POLYMER MATRIX COMPOSITES
 PROTECTIVE COATINGS
 REACTOR MATERIALS
 SKIN (STRUCTURAL MEMBER)
 SPACECRAFT CONSTRUCTION MATERIALS
 STRUCTURAL MEMBERS

CONSULTING

RT CONFERENCES
 MANAGEMENT PLANNING
 PERSONNEL
 RESOURCES

CONSUMABLES (SPACECRAFT)

GS **CONSUMABLES (SPACECRAFT)**
 CONSUMABLES (SPACECREW SUPPLIES)
 DEHYDRATED FOOD
 SOAPS
 SPACE RATIONS
 PROPELLANT STORAGE
 SPACE LOGISTICS
 STORABLE PROPELLANTS
 WORKING FLUIDS
 RT LOGISTICS

CONSUMABLES (SPACECREW SUPPLIES)

GS CONSUMABLES (SPACECRAFT)
CONSUMABLES (SPACECREW SUPPLIES)
 DEHYDRATED FOOD
 SOAPS
 SPACE RATIONS
 RT CLOTHING
 ∞ FOOD
 HYGIENE
 PROVISIONING
 SANITATION
 SPACE FLIGHT FEEDING
 SPACE LOGISTICS
 SURVIVAL EQUIPMENT

CONSUMERS

RT CONSUMPTION
 MARKET RESEARCH
 MARKETING
 PRODUCT DEVELOPMENT

CONSUMPTION

GS **CONSUMPTION**
 ENERGY CONSUMPTION
 FUEL CONSUMPTION
 OXYGEN CONSUMPTION
 WATER CONSUMPTION
 RT COMMERCE
 CONSUMERS
 DEMAND (ECONOMICS)
 DEPLETION
 EXHAUSTING
 EXHAUSTION
 SUPPLYING
 UTILIZATION

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CONTACT DERMATITIS

GS DISEASES
 INFECTIOUS DISEASES
 DERMATITIS
CONTACT DERMATITIS
 RT ALLERGIC DISEASES
 DERMATOLOGY
 EPIDERMIS
 ITCHING
 PATCH TESTS
 SKIN (ANATOMY)

CONTACT LENSES

GS LENSES
CONTACT LENSES
 RT EYEPIECES
 RETICLES

CONTACT POTENTIALS

GS POTENTIAL ENERGY
 ELECTRIC POTENTIAL
CONTACT POTENTIALS
 RT ELECTRIC CONTACTS
 SURFACE PROPERTIES

CONTACT RESISTANCE

GS IMPEDANCE
 ELECTRICAL IMPEDANCE
 ELECTRICAL RESISTANCE
CONTACT RESISTANCE
 RT ELECTRIC CONTACTS
 NONOHMIC EFFECT
 ∞ RESISTANCE
 SURFACE PROPERTIES

CONTACTORS

SN (EXCLUDES ELECTRIC SWITCHES)
 RT CARBURETORS
 CHEMICAL REACTORS
 COLUMNS (PROCESS ENGINEERING)
 ELECTRIC SWITCHES
 MIXERS
 SPRAYERS

CONTACTS (ELECTRIC)

USE ELECTRIC CONTACTS

CONTACTS (GEOLOGY)

RT FORMATIONS
 GEOLOGY
 METAMORPHISM (GEOLOGY)
 MINERAL DEPOSITS
 ROCK INTRUSIONS
 ROCKS

CONTAINERLESS MELTS

GS MELTS (CRYSTAL GROWTH)
CONTAINERLESS MELTS
 RT CRYSTAL GROWTH
 CRYSTALLIZATION
 CRYSTALS
 DIRECTIONAL SOLIDIFICATION (CRYSTALS)
 LOW GRAVITY MANUFACTURING
 MANUFACTURING
 MELTING
 ORBITAL WORKSHOPS
 SPACE PROCESSING
 WEIGHTLESSNESS

∞ CONTAINERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF RECEPTACLES (CONTAINERS)
 RT AMPOULES
 AUTOCLAVES
 BAGS
 BARRELS (CONTAINERS)
 BASKETS
 BIOPAKS
 BOTTLES
 BOXES (CONTAINERS)
 BUNDLES
 CANS
 ∞ CAPSULES
 CARTRIDGES
 CASES (CONTAINERS)
 CRUCIBLES
 DISPOSAL
 DRUMS (CONTAINERS)
 ENCLOSURES
 FUEL TANKS
 GLASSWARE
 HOPPERS

CONTAINERS-(CONT)

HOUSINGS
MATERIALS HANDLING
MICROMODULES
PACKAGES
PACKAGING
PRESERVING
PRESSURE VESSELS
PROTECTORS
REELS
SPOOLS
SPRAYERS
TANKS (CONTAINERS)
TRANSPORTER
TRAYS
WING TANKS

CONTAINMENT

RT ASTEROID CAPTURE
BLOCKING
BURST TESTS
CONFINEMENT
RETAINING
SEALING
STOPPING

CONTAMINANTS

UF NOXIOUS MATERIALS
POLLUTANTS
GS **CONTAMINANTS**
RADIOACTIVE CONTAMINANTS
TRACE CONTAMINANTS
RT CONTAMINATION
DECONTAMINATION
DILUENTS
DIRT
DUST
EFFLUENTS
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FUEL CONTAMINATION
IMPURITIES
∞ MATERIALS
NONPOINT SOURCES
POLLUTION
PURITY
QUALITY
WASTES
WATER TREATMENT

CONTAMINATION

GS **CONTAMINATION**
FUEL CONTAMINATION
SPACECRAFT CONTAMINATION
RT AIR POLLUTION
ANTIFOULING
ANTIINFECTIVES AND ANTIBACTERIALS
CONTAMINANTS
DECONTAMINATION
ENVIRONMENT EFFECTS
FOULING
INTRUSION
MOLECULAR SHIELDS
NONPOINT SOURCES
POLLUTION
PURITY
RADIOACTIVE WASTES
WATER POLLUTION

CONTENT

GS **CONTENT**
BONE MINERAL CONTENT
RT ∞ COMPONENTS
∞ COMPOSITION
INGREDIENTS

CONTEXT

RT NATURAL LANGUAGE (COMPUTERS)
PATTERN RECOGNITION

CONTEXT FREE LANGUAGES

GS LANGUAGES
PROGRAMMING LANGUAGES
CONTEXT FREE LANGUAGES
RT COMPUTER PROGRAMMING
SYMBOLIC PROGRAMMING

CONTINENTAL DRIFT

RT CONTINENTS
EARTH CRUST
EARTH PLANETARY STRUCTURE
GEOMAGNETISM
GEOPHYSICS
PALEOMAGNETISM

CONTINENTAL MARGINS

USE CONTINENTAL SHELVES

CONTINENTAL SHELVES

UF CONTINENTAL MARGINS
RT GEOLOGY
OCEAN BOTTOM
SEAMOUNTS
∞ SHELVES

CONTINENTS

GS **CONTINENTS**
AFRICA
ASIA
AUSTRALIA
EUROPE
NORTH AMERICA
SOUTH AMERICA
RT ANTARCTIC REGIONS
CENTRAL EUROPE
CONTINENTAL DRIFT
CRATONS
GEOGRAPHY
MOUNTAINS
TRANSCONTINENTAL SYSTEMS

CONTINGENCY

RT CONFIDENCE LIMITS
CORRELATION
ESTIMATES
EXPECTATION
MATERIALS HANDLING
PREDICTIONS
RESERVES
RISK

CONTINUITY

RT CONTINUITY (MATHEMATICS)
COORDINATION
SCHEDULING
TOPOLOGY
VARIABILITY

CONTINUITY (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
CALCULUS
CONTINUITY (MATHEMATICS)
RT CONTINUITY
FUNCTIONS (MATHEMATICS)
ISOPERIMETRIC PROBLEM
NORMAL DENSITY FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
SYMMETRY
TOPOLOGY

CONTINUITY EQUATION

RT CONSERVATION EQUATIONS
CONTINUUM MECHANICS
CROCCO-LEE THEORY
∞ EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE
FLUID DYNAMICS
NONCONSERVATIVE FORCES
STEADY FLOW

CONTINUOUS NOISE

RT ∞ NOISE
NOISE PROPAGATION
SOUND GENERATORS

CONTINUOUS RADIATION

UF CONTINUOUS WAVES
GS **CONTINUOUS RADIATION**
MODULATED CONTINUOUS RADIATION
RT ABSORPTION SPECTRA
BACKGROUND RADIATION
COHERENT RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EMISSION SPECTRA
PULSED RADIATION
∞ RADIATION
∞ RAYS

CONTINUOUS SPECTRA

GS SPECTRA
CONTINUOUS SPECTRA
RT ASTRONOMICAL SPECTROSCOPY
SOLAR SPECTRA
SPECTRAL EMISSION

CONTINUOUS SPECTRA-(CONT)

STELLAR SPECTRA

CONTINUOUS WAVE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
CONTINUOUS WAVE LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
LASER STABILITY
SOLID STATE LASERS

CONTINUOUS WAVE RADAR

UF CW RADAR
GS RADAR
CONTINUOUS WAVE RADAR
RT COHERENT RADAR
DOPPLER RADAR
PULSE RADAR
RADAR DETECTION
RADAR RANGE
SEARCH RADAR
SURVEILLANCE RADAR
TRACKING RADAR

CONTINUOUS WAVES

USE CONTINUOUS RADIATION

CONTINUUM FLOW

GS FLUID FLOW
GAS FLOW
CONTINUUM FLOW
RT FREE MOLECULAR FLOW
MOLECULAR FLOW
HAREFIED GAS DYNAMICS
SLIP FLOW

CONTINUUM MECHANICS

RT BURGER EQUATION
CLASSICAL MECHANICS
CONTINUITY EQUATION
CONTINUUM MODELING
∞ DYNAMICS
FLOW THEORY
FLUID MECHANICS
MAXWELL BODIES
∞ MECHANICS (PHYSICS)
MULTIPOLAR FIELDS
SOLID MECHANICS
STATISTICAL MECHANICS
STRESS TENSORS

CONTINUUM MODELING

RT CONTINUUM MECHANICS
CONTINUUMS
LARGE SPACE STRUCTURES
MATHEMATICAL MODELS
STRUCTURAL ANALYSIS

CONTINUUMS

RT CONTINUUM MODELING
PROBABILITY THEORY
REAL VARIABLES
RELATIVITY
TOPOLOGY

CONTOUR SENSORS

RT BOUNDARIES
CONCAVITY
CONTOURS
CONVEXITY
IMAGERY
IMAGES
∞ SENSORS
SHAPES
TOPOGRAPHY

CONTOURS

UF CURVED SURFACES
RT CONCAVITY
CONTOUR SENSORS
CONVEXITY
CURVED PANELS
DATUM (ELEVATION)
ELEVATION
FLATNESS
GEOMORPHOLOGY
HYPSONOGRAPHY
MAPPING
ROUGHNESS
SHAPES
TOPOGRAPHY

CONTRACT INCENTIVES

CONTRACT INCENTIVES

GS INCENTIVES
CONTRACT INCENTIVES
MOTIVATION
CONTRACT INCENTIVES

CONTRACT MANAGEMENT

GS MANAGEMENT
CONTRACT MANAGEMENT
RT CONTRACTS
DECISION MAKING
DECISIONS
PERT
PROJECT MANAGEMENT
SCHEDULES
SUBCONTRACTS
SYSTEMS ENGINEERING

CONTRACT NEGOTIATION

RT CONTRACTORS
CONTRACTS
DECISION MAKING
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
MANAGEMENT
MANUFACTURING
SUBCONTRACTS

CONTRACTION

RT COOLING
∞ REDUCTION
SHRINKAGE
SPASMS

CONTRACTORS

RT CHEMICAL REACTORS
COLUMNS (PROCESS ENGINEERING)
CONSTRUCTION
CONSTRUCTION INDUSTRY
CONTRACT NEGOTIATION
CONTRACTS
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
QUALIFICATIONS
SUBCONTRACTS
TRANSPORTATION

CONTRACTS

GS CONTRACTS
SUBCONTRACTS
RT AGREEMENTS
CANCELLATION
CONSTRUCTIONS
CONSTRUCTION
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
CONTRACTORS
ESTIMATES
ESTIMATING
EXTENSIONS
FEDERAL BUDGETS
GOVERNMENT PROCUREMENT
GOVERNMENT/INDUSTRY RELATIONS
GRANTS
LEASING
LEGAL LIABILITY
OPTIONS
PROCUREMENT
PROJECTS
REVISIONS
SUPPLEMENTS

CONTRAILS

UF CONDENSATION TRAILS
VAPOR TRAILS
RT CONDENSATES
WAKES

CONTRALATERAL FUNCTIONS

RT ∞ FUNCTIONS

CONTRAROTATING PROPELLERS

GS PROPELLERS
CONTRAROTATING PROPELLERS
RT PROPELLER DRIVE
PROPELLER EFFICIENCY
TURBOPROP ENGINES

CONTRAST

GS CONTRAST
IMAGE CONTRAST
PHASE CONTRAST
RT CHARACTER RECOGNITION
COLOR

CONTRAST-(CONT)

LEGIBILITY
PERCEPTION
PRINTING
RESOLUTION
∞ SHARPNESS
VISIBILITY
VISION

∞ CONTROL

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

UF CONTROL SYSTEMS
CONTROLLED STABILITY
REGULATION
RT ACCESS CONTROL
ACTIVE CONTROL
ADAPTIVE CONTROL
AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT CONTROL
ALTITUDE CONTROL
APPROACH CONTROL
ASTRONOMICS
ATTITUDE CONTROL
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
AUTOMATIC FLIGHT CONTROL
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
AVIONICS
BOUNDARY LAYER CONTROL
CASCADE CONTROL
CHEMICAL REACTION CONTROL
CIRCULATION CONTROL AIRFOILS
CIRCULATION CONTROL ROTORS
COMBUSTION CONTROL
COMMAND AND CONTROL
CONTROL BOARDS
CONTROL CONFIGURED VEHICLES
CONTROL DATA (COMPUTERS)
CONTROL EQUIPMENT
CONTROL MOMENT GYROSCOPES
CONTROL ROCKETS
CONTROL RODS
CONTROL SIMULATION
CONTROL STABILITY
CONTROL STICKS
CONTROL SURFACES
CONTROL SYSTEMS DESIGN
CONTROL THEORY
CONTROL UNITS (COMPUTERS)
CONTROL VALVES
CONTROLLABILITY
CONTROLLED ATMOSPHERES
CONTROLLED FUSION
CONTROLLERS
CRITICAL PATH METHOD
CYBERNETICS
DIRECT LIFT CONTROLS
DIRECTIONAL CONTROL
DYNAMIC CHARACTERISTICS
DYNAMIC CONTROL
ELECTRIC CONTROL
ELECTRONIC CONTROL
ELEVATORS (CONTROL SURFACES)
ENGINE CONTROL
ENVIRONMENTAL CONTROL
FEEDBACK CONTROL
FEEDFORWARD CONTROL
FIRE CONTROL
FIRE CONTROL CIRCUITS
FLAPS (CONTROL SURFACES)
FLIGHT CONTROL
FLOOD CONTROL
FLUIDICS
FLY BY TUBE CONTROL
FLY BY WIRE CONTROL
FREQUENCY CONTROL
FUEL CONTROL
GROUND BASED CONTROL
HARMONIC CONTROL
HELICOPTER CONTROL
HYDRAULIC CONTROL
INTEGRATED MISSION CONTROL
CENTER
INTERACTIVE CONTROL
INVENTORY CONTROLS
JET CONTROL
LATERAL CONTROL
LONGITUDINAL CONTROL
MAGNETIC CONTROL
MANUAL CONTROL
MISSILE CONTROL
NETWORK CONTROL

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CONTROL-(CONT)

NUCLEAR REACTOR CONTROL
NUMERICAL CONTROL
OFF-ON CONTROL
OPTIMAL CONTROL
PAYLOAD CONTROL
PHASE CONTROL
PLASMA CONTROL
PNEUMATIC CONTROL
POINTING CONTROL SYSTEMS
POLLUTION CONTROL
POROUS BOUNDARY LAYER CONTROL
PROCESS CONTROL (INDUSTRY)
PROPORTIONAL CONTROL
QUALITY CONTROL
RADAR APPROACH CONTROL
RADIO CONTROL
∞ REACTION CONTROL
REGULATIONS
REGULATORS
REMOTE CONTROL
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SCHEDULING
SELF ADAPTIVE CONTROL SYSTEMS
SEQUENTIAL CONTROL
SERVOCONTROL
SERVOMECHANISMS
SHAPE CONTROL
SHOCK WAVE CONTROL
SPACECRAFT CONTROL
SPECTRAL SHIFT CONTROL
SPECTRAL SHIFT CONTROL REACTOR
SPEED CONTROL
STABILIZATION
STEERING
SUBMARINE INTEGRATED CONTROL
PROJECT
SYSTEMS ENGINEERING
TABS (CONTROL SURFACES)
TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THRUST CONTROL
THRUST VECTOR CONTROL
TIME OPTIMAL CONTROL
TRAFFIC CONTROL
TRAJECTORY CONTROL
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSPONDER CONTROL GROUP
TURBOJET ENGINE CONTROL
VARIABLE STREAM CONTROL ENGINES
VISUAL CONTROL
VOICE CONTROL
WAVE INCIDENCE CONTROL
WEATHER MODIFICATION

CONTROL BOARDS

UF CONTROL PANELS
RT CONSOLES
∞ CONTROL
DISPLAY DEVICES
MANUAL CONTROL
REMOTE CONTROL

CONTROL CONFIGURED VEHICLES

RT AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN
∞ CONTROL
FLIGHT CONTROL
TECHNOLOGY UTILIZATION
∞ VEHICLES

CONTROL DATA (COMPUTERS)

RT COMPUTERS
∞ CONTROL
∞ DATA
DATA SYSTEMS

CONTROL DEVICES

USE CONTROL EQUIPMENT

CONTROL EQUIPMENT

UF CONTROL DEVICES
EFFECTORS
GS CONTROL EQUIPMENT
CONTROL STICKS
CRYOSTATS
PRESSURE REGULATORS
PRESSURE SWITCHES
SERVOAMPLIFIERS
SPEED REGULATORS
TELEOPERATORS
THERMOSTATS

CONTROL EQUIPMENT-(CONT)

RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
∞ CONTROL
ELECTRIC CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
MANIPULATORS
MANUAL CONTROL
NONLINEAR SYSTEMS
OFF-ON CONTROL
PNEUMATIC CONTROL
PROPORTIONAL CONTROL
RECORDING INSTRUMENTS
SPEED CONTROL
TRANSDUCERS

CONTROL MOMENT GYROSCOPES

GS GYROSCOPES
CONTROL MOMENT GYROSCOPES
RT ATTITUDE CONTROL
ATTITUDE GYROS
ATTITUDE INDICATORS
∞ CONTROL
EQUATIONS OF MOTION
GIMBALS
GYRODAMPERS
INDICATING INSTRUMENTS
MEASURING INSTRUMENTS
NUTATION DAMPERS
SERVOCONTROL
SERVOMECHANISMS

CONTROL PANELS

USE CONTROL BOARDS

CONTROL ROCKETS

UF STEERING ROCKETS
GS ENGINES
TORPEDO ENGINES
VERNIER ENGINES
CONTROL ROCKETS
RT ∞ CONTROL
RETROCKET ENGINES
STEERING
THRUST CONTROL
VARIABLE THRUST

CONTROL RODS

GS RODS
CONTROL RODS
RT ∞ CONTROL
NEUTRON ABSORBERS
NUCLEAR REACTOR CONTROL
NUCLEAR REACTORS
POISONING (REACTION INHIBITION)
REACTOR CORES
REACTOR SAFETY

CONTROL SIMULATION

GS SIMULATION
CONTROL SIMULATION
SIMULATORS
CONTROL SIMULATION
RT AIRCRAFT CONTROL
COMPUTERIZED SIMULATION
∞ CONTROL
FLIGHT SIMULATION
FLIGHT SIMULATORS
MOTION SIMULATORS
SPACECRAFT CONTROL
SPACECRAFT MANEUVERS
TRAINING SIMULATORS

CONTROL STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
CONTROL STABILITY
STABILITY
DYNAMIC STABILITY
CONTROL STABILITY
RT AIRCRAFT CONTROL
AIRCRAFT SPIN
AIRCRAFT STABILITY
∞ CONTROL
CONTROLLABILITY
FLIGHT CONTROL
MOTION STABILITY
NYQUIST DIAGRAM
PILOT INDUCED OSCILLATION
ROBUSTNESS (MATHEMATICS)
SPACECRAFT MOTION
SPACECRAFT STABILITY
STABILITY AUGMENTATION
SYSTEMS STABILITY

CONTROL STICKS

GS CONTROL EQUIPMENT
CONTROL STICKS
RT AIRCRAFT CONTROL
FLIGHT CONTROL
MANUAL CONTROL

CONTROL SURFACES

GS **CONTROL SURFACES**
AERIAL RUDDERS
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
ELEVATORS (CONTROL SURFACES)
ELEVONS
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
FLAPERONS
JET FLAPS
SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
GUIDE VANES
JET VANES
HORIZONTAL TAIL SURFACES
RUDDERS
MARINE RUDDERS
SPOILERS
TABS (CONTROL SURFACES)
RT AERODYNAMIC BRAKES
AERODYNAMIC CONFIGURATIONS
AERODYNAMIC INTERFERENCE
AERODYNAMICS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOILS
AIRFRAMES
BLUNT TRAILING EDGES
BOUNDARY LAYER CONTROL
CANARD CONFIGURATIONS
∞ CONTROL
DRAG DEVICES
FINS
FIRES
FLIGHT CONTROL
FREE WING AIRCRAFT
GUIDANCE (MOTION)
NOSE FINS
STABILIZERS (FLUID DYNAMICS)
∞ SURFACES
SWEEPBACK TAIL SURFACES
T TAIL SURFACES
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES
UPPER SURFACE BLOWN FLAPS
VANES
VORTEX FLAPS
WINGS

CONTROL SYSTEMS

USE CONTROL

CONTROL SYSTEMS DESIGN

GS SYSTEMS ENGINEERING
CONTROL SYSTEMS DESIGN
RT AEROSPACE SYSTEMS
AUTOMATIC CONTROL
∞ AUTOMATION
BIONICS
BOND GRAPHS
∞ CONTROL
CONTROL THEORY
CONTROLLERS
CYBERNETICS
∞ DESIGN
DESIGN ANALYSIS
ELECTRIC CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
MATHEMATICAL MODELS
NUMERICAL CONTROL
OPERATIONS RESEARCH
OPTIMAL CONTROL
PARAMETER IDENTIFICATION
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS INTEGRATION

CONTROL THEORY

RT ADAPTIVE CONTROL
CLOSED CYCLES

CONTROL THEORY-(CONT)

CONTROL SIMULATION
CONTROL SYSTEMS DESIGN
CONTROLLABILITY
DISTRIBUTED PARAMETER SYSTEMS
DYNAMIC CONTROL
DYNAMICAL SYSTEMS
FEEDBACK
FEEDBACK CONTROL
FEEDFORWARD CONTROL
INTERACTIVE CONTROL
OBSERVABILITY (SYSTEMS)
OFF-ON CONTROL
OPTIMAL CONTROL
ROBUSTNESS (MATHEMATICS)
SERVOCONTROL
SHAPE CONTROL
∞ THEORIES
TRACKING PROBLEM

CONTROL UNITS (COMPUTERS)

RT CENTRAL PROCESSING UNITS
COMPUTER COMPONENTS
COMPUTERS
∞ CONTROL
DATA PROCESSING EQUIPMENT

CONTROL VALVES

GS VALVES
CONTROL VALVES
RT ACTUATORS
∞ CONTROL
PNEUMATIC CONTROL

CONTROLLABILITY

UF HANDLING QUALITIES
RT AIRCRAFT CONTROL
AIRCRAFT LANDING
AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
AIRCRAFT SPIN
AIRCRAFT STABILITY
∞ CONTROL
CONTROL STABILITY
CONTROL THEORY
DIRECTIONAL STABILITY
FLIGHT CHARACTERISTICS
HELICOPTER CONTROL
HELICOPTER PERFORMANCE
LIQUID SLOSHING
LOW SPEED STABILITY
MANEUVERABILITY
QUALITY
SPACECRAFT RELIABILITY
STABILITY
STEERING
WHEEL BRAKES

CONTROLLED ATMOSPHERES

GS **CONTROLLED ATMOSPHERES**
ARGON-OXYGEN ATMOSPHERES
CABIN ATMOSPHERES
SPACECRAFT CABIN ATMOSPHERES
HELIUM-OXYGEN ATMOSPHERES
INERT ATMOSPHERE
RT AIR CONDITIONING
∞ ATMOSPHERES
∞ BLANKETS
CLEAN ROOMS
∞ CONTROL
ENVIRONMENTS
FURNACES
GAS MIXTURES
GNOTOBIOTICS
OXYGEN SUPPLY EQUIPMENT
SPACECRAFT ENVIRONMENTS

CONTROLLED AVALANCHE TRANSIT TIME DEVICES

USE CATT DEVICES

CONTROLLED FUSION

SN (CONTROLLED NUCLEAR FUSION)
GS NUCLEAR REACTIONS
THERMONUCLEAR REACTIONS
NUCLEAR FUSION
CONTROLLED FUSION
RT ∞ CONTROL
JOINT EUROPEAN TORUS
LIMITERS (FUSION REACTORS)
PLASMA COMPRESSION
PLASMA COOLING
PLASMA CURRENTS
PLASMA PHYSICS
RELATIVISTIC ELECTRON BEAMS

CONTROLLED STABILITY

CONTROLLED FUSION-(CONT)

STRONGLY COUPLED PLASMAS
THERMONUCLEAR POWER GENERATION
ZETA PINCH

CONTROLLED STABILITY

USE CONTROL

CONTROLLERS

SN (DEVICES WHICH EMPLOY AN OUTSIDE SOURCE OF ENERGY AND USUALLY UTILIZE FEEDBACK)
GS **CONTROLLERS**
POWER FACTOR CONTROLLERS
SERVOMECHANISMS
SERVOAMPLIFIERS
SERVOMOTORS
RT ACTUATORS
ANALYZERS
AUTOMATIC CONTROL
∞ AUTOMATION
∞ CONTROL
CONTROL SYSTEMS DESIGN
CRYOSTATS
CURRENT REGULATORS
CYBERNETICS
ELECTRONIC CONTROL
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
PNEUMATIC CONTROL
PRESSURE REGULATORS
PROPELLANT ACTUATED INSTRUMENTS
REGULATORS
REMOTE CONTROL
ROCKET-BORNE INSTRUMENTS
SPEED CONTROL
SPEED REGULATORS
TEMPERATURE CONTROL
THERMOSTATS
VOLTAGE REGULATORS

CONVAIR MILITARY AIRCRAFT

USE GENERAL DYNAMICS AIRCRAFT
MILITARY AIRCRAFT

CONVAIR 340 AIRCRAFT

USE CV-340 AIRCRAFT

CONVAIR 440 AIRCRAFT

USE CV-440 AIRCRAFT

CONVAIR 880 AIRCRAFT

USE CV-880 AIRCRAFT

CONVAIR 990 AIRCRAFT

USE CV-990 AIRCRAFT

CONVECTION

GS **CONVECTION**
BENARD CELLS
FORCED CONVECTION
FREE CONVECTION
RAYLEIGH-BENARD CONVECTION
MARANGONI CONVECTION
RT ADVECTION
BASE HEATING
BOUSSINESQ APPROXIMATION
∞ CONDUCTION
FLUID DYNAMICS
GRASHOF NUMBER
HEAT TRANSMISSION
HEATING
METEOROLOGY
MIXING HEIGHT

CONVECTION CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
CIRRUS CLOUDS
CUMULONIMBUS CLOUDS
ARC CLOUDS
NIMBOSTRATUS CLOUDS
STRATOCUMULUS CLOUDS
STRATUS CLOUDS
RT AIR CURRENTS
CLOUD PHYSICS
METEOROLOGY
NEPHANALYSIS
SUPERCOOLING
VERTICAL AIR CURRENTS

CONVECTION CURRENTS

RT AIR CURRENTS
BENARD CELLS
ELECTRON BUNCHING
FLUID FLOW
FREE CONVECTION
MIXING HEIGHT
RAYLEIGH-BENARD CONVECTION
SOLAR GRANULATION
VERTICAL AIR CURRENTS

CONVECTIVE FLOW

UF THERMAL CURRENTS
GS FLUID FLOW
CONVECTIVE FLOW
RAYLEIGH-BENARD CONVECTION
BENARD CELLS
RT FREE CONVECTION
GAS DENSITY
GEOPHYSICAL FLUID FLOW CELLS
HEAT TRANSMISSION
MARANGONI CONVECTION
MASS FLOW RATE
MASS TRANSFER
POROUS BOUNDARY LAYER CONTROL
TEMPERATURE
THERMAL DIFFUSION

CONVECTIVE HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
RT AERODYNAMIC HEATING
BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER FLOW
CONDUCTIVE HEAT TRANSFER
COOLING FINNS
FORCED CONVECTION
FREE CONVECTION
LAMINAR HEAT TRANSFER
MASS TRANSFER
NUSSELT NUMBER
RADIATIVE HEAT TRANSFER
RAYLEIGH-BENARD CONVECTION
SURFACE COOLING
TEMPERATURE GRADIENTS
THERMOHYDRAULICS
THERMOSIPHONS
TURBULENT HEAT TRANSFER

CONVENTIONS

RT AGREEMENTS
AIR LAW
COMPATIBILITY
CONFERENCES
∞ COOPERATION
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
OUTER SPACE TREATY
STANDARDS

CONVERGENCE

UF CONFLUENCE
RT DIVERGENCE
TAPERING
VARIABILITY

CONVERGENT NOZZLES

RT CONICAL NOZZLES
FLUID AMPLIFIERS
NOZZLE GEOMETRY
NOZZLE WALLS
∞ NOZZLES
TURBINE ENGINES
TURBOJET ENGINES

CONVERGENT-DIVERGENT NOZZLES

UF DE LAVAL NOZZLES
GS EXHAUST NOZZLES
CONVERGENT-DIVERGENT NOZZLES
RT CONICAL NOZZLES
NOZZLE GEOMETRY
NOZZLE INSERTS
∞ NOZZLES
ROCKET NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINE EXHAUST NOZZLES
WIND TUNNEL NOZZLES

CONVERSATION

GS COMMUNICATING
CONVERSATION
SPEECH

CONVERSATION-(CONT)

RT **CONVERSATION**
VERBAL COMMUNICATION
VOICE COMMUNICATION
WORDS (LANGUAGE)

∞ CONVERSION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BIOCONVERSION
CONVERSION TABLES
DATA CONVERSION ROUTINES
ELECTRIC GENERATORS
ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
EXCHANGING
FREQUENCY CONVERTERS
GEOTHERMAL ENERGY CONVERSION
INTERNAL CONVERSION
ISOMERIZATION
LIQUEFACTION
METRICATION
OCEAN THERMAL ENERGY CONVERSION
ORGANIC WASTES (FUEL CONVERSION)
ORTHO PARA CONVERSION
PHOTOTHERMAL CONVERSION
PHOTOVOLTAIC CONVERSION
REFINING
SATELLITE SOLAR ENERGY
CONVERSION
SOLAR ENERGY CONVERSION
SOLAR TOTAL ENERGY SYSTEMS
THERMIONIC POWER GENERATION
THERMOELECTRIC POWER GENERATION
TURBOGENERATORS
WATERWAVE ENERGY CONVERSION

CONVERSION TABLES

GS TABLES (DATA)
CONVERSION TABLES
RT ∞ CONVERSION
DATA CONVERTERS
INTERNATIONAL SYSTEM OF UNITS
UNITS OF MEASUREMENT

CONVERTAPLANES

USE V/STOL AIRCRAFT

∞ CONVERTERS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANALOG TO DIGITAL CONVERTERS
BINARY TO DECIMAL CONVERTERS
CURRENT CONVERTERS (AC TO DC)
DATA CONVERTERS
DIGITAL TO ANALOG CONVERTERS
DIRECT POWER GENERATORS
DOWN-CONVERTERS
ELECTRIC GENERATORS
FREQUENCY CONVERTERS
IMAGE CONVERTERS
INSTRUMENT TRANSFORMERS
INVERTED CONVERTERS (DC TO AC)
PARAMETRIC FREQUENCY CONVERTERS
POWER CONVERTERS
PULSE WIDTH AMPLITUDE CONVERTERS
PYROMETALLURGY
SOLAR BLANKETS
THERMIONIC CONVERTERS
TORQUE CONVERTERS
TRANSDUCERS
TRANSFORMERS
UP-CONVERTERS
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

CONVEXITY

GS SHAPES
CONVEXITY
RT CONCAVITY
CONTOUR SENSORS
CONTOURS
FLATNESS
LENTICULAR BODIES
∞ SURFACE GEOMETRY

CONVEYORS

RT AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED TRANSIT VEHICLES
CHUTES
CRANES
ELEVATORS (LIFTS)

NASA THESAURUS (VOLUME 1)

CONVEYORS-(CONT)

FEEDERS
FORKS
∞ LIFTS
MATERIALS HANDLING
RIBBONS
ROLLERS
SCOOPS
∞ TRACKS
TRANSPORTATION

CONVOLUTION INTEGRALS

UF CONVOLUTIONS (MATHEMATICS)
GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
CONVOLUTION INTEGRALS

CONVOLUTIONS (MATHEMATICS)

USE CONVOLUTION INTEGRALS

CONVULSIONS

RT HUMAN PATHOLOGY
MUSCLES
PSYCHOTHERAPY
SEIZURES
∞ SHOCK

COOK INLET (AK)

GS LANDFORMS
INLETS (TOPOGRAPHY)
COOK INLET (AK)
RT ALASKA

COOKPOT AIRCRAFT

USE TU-124 AIRCRAFT

COOL STARS

GS CELESTIAL BODIES
STARS
COOL STARS
RT GIANT STARS
LATE STARS
STELLAR ATMOSPHERES
STELLAR ENVELOPES
STELLAR SPECTRA
STELLAR TEMPERATURE

COOLANT LOSS

USE LOSS OF COOLANT

COOLANTS

GS COOLANTS
ENGINE COOLANTS
ORGANIC COOLANTS
RT AIR CONDITIONING
AIR COOLING
BRINES
COOLERS
COOLING
COOLING SYSTEMS
FREON
GAS COOLING
HEAT EXCHANGERS
LIQUID COOLING
LOSS OF COOLANT
NUCLEAR REACTORS
REACTOR MATERIALS
REFRIGERANTS
SODIUM COOLING

COOLERS

RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR COOLING
COMPRESSORS
COOLANTS
COOLING
COOLING SYSTEMS
CRYOGENIC COOLING
REFRIGERATING
REFRIGERATING MACHINERY
REFRIGERATORS

COOLING

UF CHILLING
HEAT DISSIPATION
HEAT DISSIPATION CHILLING
GS COOLING
ABSORPTION COOLING
AIR COOLING
EVAPORATIVE COOLING
FILM COOLING
SWEAT COOLING

COOLING-(CONT)

GAS COOLING
LIQUID COOLING
FILM COOLING
MAGNETIC COOLING
PLASMA COOLING
PRECOOLING
QUENCHING (COOLING)
RADIANT COOLING
REGENERATIVE COOLING
SODIUM COOLING
SOLAR COOLING
SOLID CRYOGEN COOLING
SPACE COOLING (BUILDINGS)
SUPERCOOLING
CRYOGENIC COOLING
SURFACE COOLING
THERMOELECTRIC COOLING
THERMOMAGNETIC COOLING
RT ABLATION
ABLATIVE MATERIALS
AIR CONDITIONING
BATHING
CONDENSING
CONTRACTION
COOLANTS
COOLERS
CRYOGENICS
ENGINE COOLANTS
FILM CONDENSATION
FREEZING
FREON
GEOTHERMAL ENERGY UTILIZATION
HEAT EXCHANGERS
HEAT RADIATORS
HEAT SHIELDING
HEAT TRANSFER
HEATING
HILSCH TUBES
JACKETS
LOW TEMPERATURE
MELTING
MUSHY ZONES
REFRIGERATING
REUSABLE HEAT SHIELDING
SPACECRAFT RADIATORS
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMAL CYCLING TESTS
THERMAL SHOCK
THERMAL STRESSES
TRANSPIRATION
VENTILATION
VENTILATION FANS
VENTING
WETTING

COOLING FINS

GS FINS
COOLING FINS
RT CONDENSERS (LIQUEFIERS)
CONVECTIVE HEAT TRANSFER
FINNED BODIES
HEAT EXCHANGERS
HEAT RADIATORS
RADIATIVE HEAT TRANSFER

COOLING SYSTEMS

RT ABSORBERS (EQUIPMENT)
AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR COOLING
AIR FILTERS
BLOWERS
CLOSED CYCLES
CONDENSERS (LIQUEFIERS)
COOLANTS
COOLERS
DEHUMIDIFICATION
ENGINE COOLANTS
ETTINGSHAUSEN EFFECT
EVAPORATIVE COOLING
EVAPORATORS
EXHAUST SYSTEMS
FREON
HEAT EXCHANGERS
HEAT PUMPS
HEAT RADIATORS
HEAT SINKS
INFRARED SUPPRESSION
INTAKE SYSTEMS
LIQUID COOLING
LUBRICATION SYSTEMS
REFRIGERANTS
REFRIGERATING

COORDINATION POLYMERS

COOLING SYSTEMS-(CONT)

REFRIGERATING MACHINERY
REGISTERS (AIR CIRCULATION)
SOLAR COOLING
SOLID CRYOGENS
SPACE COOLING (BUILDINGS)
SPACECRAFT RADIATORS
∞ SYSTEMS
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
TRANSPIRATION
VENTILATION
VENTILATION FANS
VENTS

∞ COOPERATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONVENTIONS
EMPLOYEE RELATIONS
INTERNATIONAL COOPERATION
PUBLIC RELATIONS
SEA LAW

COORDINATE GEOMETRY LANGUAGE

USE COGO (PROGRAMMING LANGUAGE)

COORDINATE SYSTEMS

USE COORDINATES

COORDINATE TRANSFORMATIONS

GS FUNCTIONS (MATHEMATICS)
COORDINATE TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
COORDINATE TRANSFORMATIONS
RT CONFORMAL MAPPING
INVARIANT IMBEDDINGS
ISOPARAMETRIC FINITE ELEMENTS
ISOTROPIC TURBULENCE
JOUKOWSKI TRANSFORMATION
LAMBERT SURFACE
SCHWARZSCHILD METRIC
THEODORSEN TRANSFORMATION

COORDINATES

UF AXES (COORDINATES)
COORDINATE SYSTEMS
GS COORDINATES
ASTRONOMICAL COORDINATES
CARTESIAN COORDINATES
GEODETIC COORDINATES
HYLLERAAS COORDINATES
HYPERBOLIC COORDINATES
INERTIAL COORDINATES
LAGRANGE COORDINATES
OBLIQUE COORDINATES
PLANETOCENTRIC COORDINATES
GEOCENTRIC COORDINATES
POLAR COORDINATES
SPHERICAL COORDINATES
RT ALGEBRA
ANALYTIC GEOMETRY
AXES (REFERENCE LINES)
CELESTIAL REFERENCE SYSTEMS
COMPUTATIONAL GRIDS
EARTH AXIS
EQUATORS
EUCLIDEAN GEOMETRY
FRACTALS
FUJITA METHOD
GEOMAGNETIC LATITUDE
GEOMETRY
∞ GRIDS
HALF PLANES
HALF SPACES
LATITUDE
LINE OF SIGHT
LONGITUDE
MANIFOLDS (MATHEMATICS)
MAPS
∞ ORIGINS
POSITION (LOCATION)
∞ REFERENCE SYSTEMS

COORDINATION

RT CONTINUITY
CORRELATION
INTERFACES
SEQUENCING
TIME SHARING

COORDINATION POLYMERS

RT ∞ POLYMERS

COPERNICUS SPACECRAFT

COPERNICUS SPACECRAFT
USE OAO 3

COPILOTS
USE AIRCRAFT PILOTS

COPLANARITY
GS ANALYSIS (MATHEMATICS)
CALCULUS
VECTOR ANALYSIS
COPLANARITY
REAL VARIABLES
VECTOR ANALYSIS
COPLANARITY
GEOMETRY
VECTOR ANALYSIS
COPLANARITY

COPOLYMERIZATION
GS CHEMICAL REACTIONS
COPOLYMERIZATION
POLYMERIZATION
COPOLYMERIZATION
RT DIMERIZATION
∞ POLYMERS

COPOLYMERS
GS **COPOLYMERS**
VITON
RT KEL-F
∞ POLYMERS
VINYL COPOLYMERS

COPPER
GS CHEMICAL ELEMENTS
COPPER
COPPER ISOTOPES
RT AMMINES
CONSTANTAN
SELENIUM ALLOYS

COPPER ALLOYS
GS ALLOYS
COPPER ALLOYS
BABBITT METAL
BRASSES
BRONZES
MANGANIN (TRADEMARK)
RT BEARING ALLOYS
LAMELLA (METALLURGY)

COPPER CHLORIDES
GS COPPER COMPOUNDS
COPPER CHLORIDES
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
COPPER CHLORIDES
HALIDES
CHLORIDES
COPPER CHLORIDES
METAL HALIDES
COPPER CHLORIDES

COPPER COMPOUNDS
GS **COPPER COMPOUNDS**
COPPER CHLORIDES
COPPER FLUORIDES
COPPER OXIDES
COPPER SELENIDES
COPPER SULFIDES
ENARGITE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 1B COMPOUNDS
∞ METAL COMPOUNDS

COPPER FLUORIDES
GS COPPER COMPOUNDS
COPPER FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
COPPER FLUORIDES
HALIDES
METAL HALIDES
COPPER FLUORIDES

COPPER ISOTOPES
GS CHEMICAL ELEMENTS
COPPER
COPPER ISOTOPES
METALS
COPPER ISOTOPES

COPPER OXIDES
GS CHALCOGENIDES
OXIDES
METAL OXIDES
COPPER OXIDES
COPPER COMPOUNDS
COPPER OXIDES
RT THERMITES

COPPER SELENIDES
GS CHALCOGENIDES
SELENIDES
COPPER SELENIDES
COPPER COMPOUNDS
COPPER SELENIDES
SELENIUM COMPOUNDS
SELENIDES
COPPER SELENIDES

COPPER SULFIDES
GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE
COPPER COMPOUNDS
COPPER SULFIDES
ENARGITE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE

COPYRIGHTS
RT DOCUMENTS
LICENSING
PATENT APPLICATIONS
POLICIES
REGULATIONS

CORAL HEADS
USE CORAL REEFS

CORAL REEFS
UF ATOLL REEFS
CORAL HEADS
RT ATOLLS
COASTS
ISLANDS
KEYS (ISLANDS)
REEFS

CORDAGE
RT CABLES (ROPES)
CONNECTORS
COTTON
FIBERS
∞ FILAMENTS
STRANDS
STRINGS
WIRE
YARNS

CORDIERITE
GS ALUMINUM COMPOUNDS
CORDIERITE
IRON COMPOUNDS
CORDIERITE
MAGNESIUM COMPOUNDS
CORDIERITE
MINERALS
CORDIERITE
SILICON COMPOUNDS
SILICATES
CORDIERITE

CORDITE
USE COLLOIDAL PROPELLANTS
DOUBLE BASE PROPELLANTS

CORE FLOW
GS FLUID FLOW
CORE FLOW
RT FLOW GEOMETRY
MAGNETOHYDRODYNAMIC FLOW
ONE DIMENSIONAL FLOW
PLASMAS (PHYSICS)
SHEAR FLOW

CORE SAMPLING
GS SAMPLING
CORE SAMPLING
RT CORES

NASA THESAURUS (VOLUME 1)

CORE SAMPLING-(CONT)
DEPTH MEASUREMENT
DRILLING
EARTH CRUST
HYDROGEOLOGY
MINES (EXCAVATIONS)
OCEAN BOTTOM
OCEAN CURRENTS
OCEANOGRAPHY
PARTICLE TRACKS
SALINITY
SAMPLERS

CORE STORAGE
UF MACHINE STORAGE
GS MAGNETIC STORAGE
CORE STORAGE
RT BUBBLE MEMORY DEVICES
BUFFER STORAGE
DATA STORAGE
MAGNETIC DISKS
MAGNETIC DRUMS
∞ STORAGE

CORES
GS **CORES**
HONEYCOMB CORES
LUNAR CORE
MAGNETIC CORES
PLANETARY CORES
EARTH CORE
REACTOR CORES
STELLAR CORES
RT ∞ CELLS
CORE SAMPLING
MANDRELS
MOLDING MATERIALS

CORIOLIS EFFECT
RT DISORIENTATION
∞ EFFECTS
METEOROLOGY
PLANETARY WAVES
ROTATING ENVIRONMENTS
ROTATION
VESTIBULAR TESTS

CORK (MATERIALS)
GS WOOD
RT ∞ **CORK (MATERIALS)**
MATERIALS
ORGANIC MATERIALS
THERMAL INSULATION

CORN
GS FARM CROPS
GRAINS (FOOD)
CORN
PLANTS (BOTANY)
CORN
RT AGRICULTURE
BLIGHT
BOLLWORMS
BOTANY
CROP GROWTH
∞ CROPS
CURING
EARTH RESOURCES
∞ FOOD
IRRIGATION
SEEDS

CORNEA
GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
CORNEA
RT KERATITIS
VISION

CORNER FLOW
GS FLUID FLOW
CORNER FLOW
RT CHANNEL FLOW
DUCTED FLOW
∞ FLOW
NOZZLE FLOW
SECONDARY FLOW

CORNERS
RT ANGLES (GEOMETRY)
ANTENNAS
JOINTS (JUNCTIONS)
SHAPES

CORONA BOREALIS CONSTELLATION

- GS CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

CORONA DISCHARGES

- USE ELECTRIC CORONA

CORONAGRAPHS

- RT ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMICAL TELESCOPES
 SOLAR OBSERVATORIES
 SPECTROHELIOGRAPHS
 STARSAT TELESCOPE

CORONAL HOLES

- GS CORONAS
CORONAL HOLES
 RT DECAMETRIC WAVES
 ∞ HOLES
 RADIO ASTRONOMY
 SOLAR RADIO EMISSION
 SOLAR WIND
 SOLAR X-RAYS
 STELLAR STRUCTURE
 ULTRAVIOLET RADIATION

CORONAL LOOPS

- GS CORONAS
 STELLAR CORONAS
 SOLAR CORONA
CORONAL LOOPS
 RT CHROMOSPHERE
 SOLAR FLARES
 SOLAR LIMB

CORONARY ARTERY DISEASE

- GS DISEASES
 HEART DISEASES
CORONARY ARTERY DISEASE
 RT ANGINA PECTORIS
 ARTERIOSCLEROSIS
 MYOCARDIAL INFARCTION

CORONARY CIRCULATION

- GS CIRCULATION
 BLOOD CIRCULATION
CORONARY CIRCULATION
 RT HEART
 HEART VALVES

CORONAS

- GS **CORONAS**
 CORONAL HOLES
 ELECTRIC CORONA
 STELLAR CORONAS
 SOLAR CORONA
 CORONAL LOOPS
 RT ELECTRIC ARCS
 ELECTRIC DISCHARGES
 HALOS
 IONIZATION
 SOLAR SPECTRA

COROTATION

- GS GYRATION
 ROTATION
COROTATION
 RT ASTRONOMICAL MODELS
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 MAGNETOSPHERE
 SPIRAL GALAXIES
 STELLAR MOTIONS
 STELLAR ROTATION

CORPORAL MISSILE

- GS MISSILES
 SURFACE TO SURFACE MISSILES
CORPORAL MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES

CORPUSCLES

- GS ANATOMY
 CARDIOVASCULAR SYSTEM
CORPUSCLES
 CELLS (BIOLOGY)
CORPUSCLES
 RT ANEMIAS
 BLOOD PLASMA
 ERYTHROCYTES
 HEMOGLOBIN

CORPUSCLES-(CONT)

- LYMPH
 LYMPHOCYTES

CORPUSCULAR RADIATION

- SN (NONELECTROMAGNETIC RADIATION
 CONSISTING OF ENERGETIC CHARGED
 OR NEUTRAL PARTICLES)
 UF PENETRATING PARTICLES
 GS PARTICLES
CORPUSCULAR RADIATION
 CYCLOTRON RADIATION
 ION CYCLOTRON RADIATION
 ELECTRON PRECIPITATION
 ELECTRON RADIATION
 BETA PARTICLES
 ELECTRON BEAMS
 RELATIVISTIC ELECTRON BEAMS
 PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 RADIATION BELTS
 SOLAR CORPUSCULAR RADIATION
 SOLAR ELECTRONS
 SOLAR PROTONS
 RT ALPHA PARTICLES
 ATMOSPHERIC RADIATION
 BACKGROUND RADIATION
 BEAMS (RADIATION)
 CERENKOV RADIATION
 CHARGED PARTICLES
 COHERENT RADIATION
 CONTINUOUS RADIATION
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 EXTRATERRESTRIAL RADIATION
 FLUX (RATE)
 GALACTIC RADIATION
 INCIDENT RADIATION
 INTERSTELLAR RADIATION
 IONIZING RADIATION
 IONS
 MESONS
 NEUTRONS
 NUCLEAR PARTICLES
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE PRODUCTION
 PHONON BEAMS
 PULSED RADIATION
 ∞ RADIATION
 RADIATION DISTRIBUTION
 RADIATION PRESSURE
 RADIATION SOURCES
 ∞ RAYS
 REFLECTED WAVES
 REFRACTED WAVES
 SOLAR RADIATION
 SOLAR TERRESTRIAL INTERACTIONS
 STRATOSPHERE RADIATION

CORRECTION

- GS **CORRECTION**
 ATMOSPHERIC CORRECTION
 OPTICAL CORRECTION PROCEDURE
 RT ACCOMMODATION
 ACCURACY
 ADAPTATION
 ADJUSTING
 ALIGNMENT
 ERROR CORRECTING DEVICES
 ERRORS
 IMPROVEMENT
 INFORMATION THEORY
 PARITY
 REDUNDANCY
 REVISIONS
 VEGETATIVE INDEX

CORRELATION

- UF CORRELATION FUNCTIONS
 GS **CORRELATION**
 ANGULAR CORRELATION
 AUTOCORRELATION
 CORRELATION COEFFICIENTS
 CORRELATION DETECTION
 CROSS CORRELATION
 DATA CORRELATION
 SIGNAL ANALYSIS
 SPECTRAL CORRELATION
 STATISTICAL CORRELATION
 RT BIVARIATE ANALYSIS
 COLLATING
 CONFIDENCE
 CONTINGENCY
 COORDINATION

CORRELATION-(CONT)

- COVARIANCE
 ∞ ESTIMATORS
 EVALUATION
 FACTOR ANALYSIS
 FORECASTING
 INFORMATION THEORY
 LEAST SQUARES METHOD
 MULTIVARIATE STATISTICAL ANALYSIS
 OPTIMIZATION
 PROBABILITY THEORY
 QUALITY CONTROL
 REGRESSION ANALYSIS
 REGRESSION COEFFICIENTS
 SIGNIFICANCE
 STATISTICAL ANALYSIS
 TIME SERIES ANALYSIS
 VALIDITY
 VARIABILITY
 VARIANCE (STATISTICS)

CORRELATION COEFFICIENTS

- GS COEFFICIENTS
CORRELATION COEFFICIENTS
 CORRELATION
CORRELATION COEFFICIENTS
 STATISTICAL ANALYSIS
CORRELATION COEFFICIENTS
 RT QUALITY CONTROL
 STATISTICAL CORRELATION

CORRELATION DETECTION

- GS CORRELATION
CORRELATION DETECTION
 DETECTION
 SIGNAL DETECTION
CORRELATION DETECTION
 RT ∞ DETECTORS
 ELECTROMAGNETIC WAVE FILTERS
 PHASE LOCK DEMODULATORS
 SIGNAL TO NOISE RATIOS

CORRELATION FUNCTIONS

- USE CORRELATION

CORRELATORS

- SN (DEVICES THAT DETECT WEAK SIGNALS
 IN NOISE BY PERFORMING AN
 ELECTRONIC OPERATION)
 UF SYNCHRONOUS DETECTORS
 GS **CORRELATORS**
 IMAGE CORRELATORS
 RT SYNCHROSCOPES

CORRIDORS

- GS **CORRIDORS**
 GREAT PLAINS CORRIDOR (NORTH
 AMERICA)
 ST LOUIS-KANSAS CITY CORRIDOR
 (MO)
 RT PASSAGEWAYS

CORROSION

- UF METAL CORROSION
 GS **CORROSION**
 CAVITATION CORROSION
 ELECTROCHEMICAL CORROSION
 FRETTING CORROSION
 FUEL CORROSION
 HOT CORROSION
 INTERGRANULAR CORROSION
 RUSTING
 SCALE (CORROSION)
 STRESS CORROSION
 TRANSGRANULAR CORROSION
 RT CHEMICAL ATTACK
 CHEMICAL REACTIONS
 COATINGS
 DAMAGE
 DEGRADATION
 DEPOSITS
 DETERIORATION
 DISSOLVING
 DURABILITY
 ELECTROCHEMISTRY
 ELECTROLYSIS
 EROSION
 ETCHANTS
 ETCHING
 FAILURE
 FINISHES
 FOULING
 GAS-METAL INTERACTIONS
 HUMIDITY
 IMPINGEMENT

CORROSION PREVENTION

CORROSION-(CONT)

INCOMPATIBILITY
METAL COATINGS
METAL-WATER REACTIONS
∞ METALLURGY
OXIDATION
PASSIVITY
PITTING
PROTECTIVE COATINGS
SALT SPRAY TESTS
STERILIZATION EFFECTS
SURFACE PROPERTIES
TRIBOLOGY
WEAR
WEATHERING

CORROSION PREVENTION

GS PREVENTION
CORROSION PREVENTION
PROTECTION
CORROSION PREVENTION
RT AERATION
ANTIFOULING
ANTIOXIDANTS
CHEMICAL ATTACK
CLEANING
COATING
COATINGS
DESENSITIZING
∞ FILMS
FUEL TANKS
∞ INHIBITION
INHIBITORS
METAL COATINGS
NICKEL COATINGS
PACKAGING
PASSIVITY
PRESERVING
PROPELLANT ADDITIVES
SENSITIZING
SILICONIZING
SURFACE FINISHING
WATER TREATMENT
WEATHERPROOFING

CORROSION RESISTANCE

GS CORROSION RESISTANCE
OXIDATION RESISTANCE
RT ANTIOXIDANTS
CHEMICAL ATTACK
CHEMICAL TESTS
PASSIVITY
PITTING
∞ RESISTANCE
RUSTING
SALT SPRAY TESTS
SILICONIZING
SULFIDATION
SURFACE FINISHING

CORROSION TEST LOOPS

GS LOOPS
CORROSION TEST LOOPS
RT ∞ TESTS

CORROSION TESTS

GS ENVIRONMENTAL TESTS
CORROSION TESTS
SALT SPRAY TESTS
RT CHEMICAL ATTACK
DESTRUCTIVE TESTS
FUEL TESTS
∞ MATERIALS TESTS
PITTING
PROPELLANT TESTS
STABILITY TESTS
STRESS CORROSION CRACKING
∞ TESTS
TRANSGRANULAR CORROSION
UNDERWATER TESTS
WEATHERING

CORRUGATED PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
CORRUGATED PLATES
RT CORRUGATING
REINFORCED PLATES

CORRUGATED SHELLS

GS SHELLS (STRUCTURAL FORMS)
CORRUGATED SHELLS
RT ANISOTROPIC SHELLS
CORRUGATING
REINFORCED SHELLS

CORRUGATING

RT CORRUGATED PLATES
CORRUGATED SHELLS
DEFORMATION
GROOVES
∞ PLATES
∞ RIDGES
∞ WAVES

CORSAIR AIRCRAFT

USE A-7 AIRCRAFT

∞ CORTEXES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CEREBRAL CORTEX
CORTEXES (BOTANY)

CORTEXES (BOTANY)

RT ∞ CORTEXES
PLANTS (BOTANY)

CORTI ORGAN

GS ANATOMY
SENSE ORGANS
EAR
CORTI ORGAN
RT COCHLEA

CORTICOSTEROIDS

GS STEROIDS
CORTICOSTEROIDS
ALDOSTERONE
HYDROXYCORTICOSTEROID
CORTISONE
RT ADRENAL METABOLISM
ENDOCRINE SECRETIONS

CORTISONE

GS DRUGS
CORTISONE
STEROIDS
CORTICOSTEROIDS
HYDROXYCORTICOSTEROID
CORTISONE
RT ADRENAL METABOLISM

CORUNDUM

USE ALUMINUM OXIDES

CORVUS MISSILE

GS MISSILES
CORVUS MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

COS-B SATELLITE

GS ESA SPACECRAFT
COS-B SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
COS-B SATELLITE
RT EUROPA 2 LAUNCH VEHICLE
EUROPEAN SPACE PROGRAMS

COSINE SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
COSINE SERIES
REAL VARIABLES
DIFFERENTIAL EQUATIONS
COSINE SERIES
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SERIES (MATHEMATICS)
COSINE SERIES
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES

COSMIC BACKGROUND EXPLORER SATELLITE

UF COBE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
COSMIC BACKGROUND EXPLORER
SATELLITE
RT BACKGROUND RADIATION
RADIATION SPECTRA

NASA THESAURUS (VOLUME 1)

COSMIC BACKGROUND EXPLORER-(CONT)

SPACEBORNE ASTRONOMY

COSMIC DUST

GS DUST
COSMIC DUST
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
RT INTERGALACTIC MEDIA
INTERSTELLAR MATTER
METEORIODS
MICROMETEORITES
MICROMETEORIDS
MOLECULAR CLOUDS
ORGANIC SOLIDS
REFLECTION NEBULAE
SPACE DEBRIS
TERRESTRIAL DUST BELT
VENUS FLY TRAP ROCKET VEHICLE

COSMIC GAMMA RAY BURSTS

USE GAMMA RAY BURSTS

COSMIC GASES

GS EXTRATERRESTRIAL MATTER
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
NEUTRAL GASES
GASES
RAREFIED GASES
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
NEUTRAL GASES
RT ELECTRON GAS
INTERGALACTIC MEDIA
IONIZED GASES

COSMIC NOISE

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
COSMIC NOISE
RT ALOUETTE PROJECT
BACKGROUND NOISE
BACKGROUND RADIATION
CENTIMETER WAVES
ELECTROMAGNETIC NOISE
MEASUREMENT
GALACTIC RADIATION
GALACTIC RADIO WAVES
INTERSTELLAR RADIATION
MICROWAVE EMISSION
MICROWAVES
NOISE STORMS
SOLAR RADIATION
SOLAR RADIO EMISSION

COSMIC PLASMA

GS EXTRATERRESTRIAL MATTER
COSMIC PLASMA
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
COSMIC PLASMA
RT INTERGALACTIC MEDIA
INTERPLANETARY GAS
PLASMA CLOUDS
PLASMAPAUSE
RELATIVISTIC PLASMAS
SOLAR WIND
STELLAR WINDS
STRONGLY COUPLED PLASMAS

COSMIC RADIATION

USE COSMIC RAYS

COSMIC RADIO WAVES

USE EXTRATERRESTRIAL RADIO WAVES

COSMIC RAY ALBEDO

GS ALBEDO
COSMIC RAY ALBEDO
RT ABSORPTION
∞ ABSORPTION
ATMOSPHERIC ATTENUATION
EARTH ALBEDO
LUNAR ALBEDO
PRIMARY COSMIC RAYS
REFLECTANCE
SECONDARY COSMIC RAYS

COSMIC RAY SHOWERS

UF MOLIERE FORMULA
 GS IONIZING RADIATION
 COSMIC RAYS
 COSMIC RAY SHOWERS
 RT AUGER EFFECT
 ∞ CASCADES
 ELECTRON PHOTON CASCADES
 SECONDARY COSMIC RAYS
 ∞ SHOWERS

COSMIC RAYS

UF COSMIC RADIATION
 GS IONIZING RADIATION
 COSMIC RAYS
 COSMIC RAY SHOWERS
 GALACTIC COSMIC RAYS
 GAMMA RAY BURSTS
 PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 SECONDARY COSMIC RAYS
 RT AEROSPACE ENVIRONMENTS
 ALBEDO
 ALPHA PARTICLES
 BIG BANG COSMOLOGY
 CERENKOV RADIATION
 CORPUSCULAR RADIATION
 DEUTERONS
 ELECTROMAGNETIC RADIATION
 ELECTRON ACCELERATION
 ELECTRONS
 EXTRATERRESTRIAL RADIATION
 FORBUSH DECREASES
 GALACTIC RADIATION
 GAMMA RAY TELESCOPES
 GAMMA RAYS
 HELIOSPHERE
 INTERSTELLAR RADIATION
 ION DENSITY (CONCENTRATION)
 MESONS
 NEUTRONS
 NUCLEAR PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE TRACKS
 PHOTONS
 PROTONS
 ∞ RADIATION
 RADIATION BELTS
 RADIATIVE TRANSFER
 SINGLE EVENT UPSETS
 SOLAR RADIATION
 STELLAR RADIATION
 VLF EMISSION RECORDERS
 X RAYS

COSMIC X RAYS

GS ELECTROMAGNETIC RADIATION
 X RAYS
 COSMIC X RAYS
 IONIZING RADIATION
 X RAYS
 COSMIC X RAYS
 RT EXTRATERRESTRIAL RADIATION
 GALACTIC RADIATION
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 GAMMA RAYS
 X RAY ASTRONOMY
 X RAY BINARIES

COSMOCHEMISTRY

RT COSMOLOGY
 EXTRATERRESTRIAL MATTER
 GEOCHEMISTRY
 METEORITIC COMPOSITION

COSMOGONY

USE COSMOLOGY

COSMOLOGY

UF COSMOGONY
 GS **COSMOLOGY**
 BIG BANG COSMOLOGY
 HUBBLE DIAGRAM
 MISSING MASS (ASTROPHYSICS)
 RT ASTRONOMICAL MODELS
 ASTROPHYSICS
 COSMOCHEMISTRY
 EXISTENCE
 GALACTIC EVOLUTION
 GRAVITINOS
 HUBBLE CONSTANT
 LOCAL GROUP (ASTRONOMY)
 MASS DISTRIBUTION
 NAKED SINGULARITIES

COSMOLOGY-(CONT)

PLANETARY EVOLUTION
 PROTOPLANETS
 RED SHIFT
 STAR DISTRIBUTION
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION
 UNIVERSE
 WHITE HOLES (ASTRONOMY)

COSMONAUTS

GS PERSONNEL
 FLYING PERSONNEL
 COSMONAUTS
 RT ∞ ASTRONAUTICS
 ASTRONAUTS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORKSTATIONS
 CREWS
 PILOTS (PERSONNEL)
 SPACECRAFT ENVIRONMENTS
 SPACECREWS

∞ COSMOS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT COSMOS SATELLITES
 UNIVERSE

COSMOS SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 COSMOS SATELLITES
 INTERCOSMOS SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 2 SATELLITE
 COSMOS 3 SATELLITE
 COSMOS 5 SATELLITE
 COSMOS 6 SATELLITE
 COSMOS 14 SATELLITE
 COSMOS 44 SATELLITE
 COSMOS 54 SATELLITE
 COSMOS 71 SATELLITE
 COSMOS 110 SATELLITE
 COSMOS 137 SATELLITE
 COSMOS 144 SATELLITE
 COSMOS 149 SATELLITE
 COSMOS 166 SATELLITE
 COSMOS 186 SATELLITE
 COSMOS 188 SATELLITE
 COSMOS 206 SATELLITE
 COSMOS 213 SATELLITE
 COSMOS 224 SATELLITE
 COSMOS 225 SATELLITE
 COSMOS 381 SATELLITE
 COSMOS 954 SATELLITE
 COSMOS 1129 SATELLITE
 INTERCOSMOS SATELLITES
 RT ∞ COSMOS

COSMOS 2 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 2 SATELLITE

COSMOS 3 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 3 SATELLITE

COSMOS 5 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 5 SATELLITE

COSMOS 6 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 6 SATELLITE

COSMOS 14 SATELLITE

GS SATELLITES

COSMOS 213 SATELLITE**COSMOS 14 SATELLITE-(CONT)**

ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 14 SATELLITE

COSMOS 44 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 44 SATELLITE

COSMOS 54 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 54 SATELLITE

COSMOS 71 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 71 SATELLITE

COSMOS 110 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 110 SATELLITE

COSMOS 137 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 137 SATELLITE

COSMOS 144 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 COSMOS 144 SATELLITE
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 144 SATELLITE

COSMOS 149 SATELLITE

UF SPACE ARROW SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 149 SATELLITE

COSMOS 166 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 166 SATELLITE

COSMOS 186 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 186 SATELLITE

COSMOS 188 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 188 SATELLITE

COSMOS 206 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 206 SATELLITE

COSMOS 213 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SOVIET SATELLITES
 COSMOS SATELLITES
 COSMOS 213 SATELLITE

COSMOS 224 SATELLITE

COSMOS 224 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 224 SATELLITE

COSMOS 225 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 225 SATELLITE

COSMOS 381 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 381 SATELLITE

COSMOS 782 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS 782 SATELLITE
RT INTERNATIONAL COOPERATION

COSMOS 936 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS 936 SATELLITE
RT INTERNATIONAL COOPERATION

COSMOS 954 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 954 SATELLITE
RT UNCONTROLLED REENTRY
(SPACECRAFT)

COSMOS 1129 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 1129 SATELLITE
RT INTERNATIONAL COOPERATION

COSPAR (COMMITTEE)
USE COMMITTEE ON SPACE RESEARCH

COSPAS
GS SATELLITES
ARTIFICIAL SATELLITES
COSPAR
RT RECONNAISSANCE
RESCUE OPERATIONS
SARSAT
SEARCHING

COSSERAT SURFACES
RT FLAT SURFACES
∞ SURFACE GEOMETRY
SURFACE PROPERTIES
∞ SURFACES

COST ANALYSIS
RT ∞ ANALYZING
BUDGETING
COMPARISON
COSTS
DESIGN TO COST
ECONOMIC ANALYSIS
FEASIBILITY
FEASIBILITY ANALYSIS
FINANCIAL MANAGEMENT
LIFE CYCLE COSTS
MANAGEMENT
MANAGEMENT ANALYSIS
MANAGEMENT PLANNING
OPTICAL TRANSFER FUNCTION
PRODUCTION COSTS
VALUE ENGINEERING
WAGE SURVEYS

COST EFFECTIVENESS
GS EFFECTIVENESS
COST EFFECTIVENESS
RT ALLOCATIONS
BUDGETING

COST EFFECTIVENESS-(CONT)
LIFE CYCLE COSTS

COST ESTIMATES
GS ESTIMATES
COST ESTIMATES
RT AIRCRAFT PRODUCTION COSTS
APPROPRIATIONS
BUDGETING
COSTS
ECONOMIC ANALYSIS
ECONOMY
∞ ESTIMATORS
FEDERAL BUDGETS
FINANCIAL MANAGEMENT
MANAGEMENT
PRODUCTION COSTS
VALUE ENGINEERING
WAGE SURVEYS

COST INCENTIVES
RT EFFICIENCY
INCENTIVE TECHNIQUES
MANAGEMENT
VALUE ENGINEERING

COST REDUCTION
RT COMMONALITY
EFFICIENCY
INCENTIVE TECHNIQUES
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
VALUE ENGINEERING
WAGE SURVEYS

COSTA RICA
GS NATIONS
COSTA RICA
RT CENTRAL AMERICA

COSTS
GS COSTS
AIRCRAFT PRODUCTION COSTS
FREIGHT COSTS
LIFE CYCLE COSTS
LOW COST
OPERATING COSTS
RT ACCOUNTING
AIRCRAFT PRODUCTION
COMMERCE
COST ANALYSIS
COST ESTIMATES
DAMAGE ASSESSMENT
DESIGN TO COST
ECONOMIC ANALYSIS
ECONOMIC FACTORS
ECONOMIC IMPACT
ECONOMICS
EFFICIENCY
ESTIMATING
EVALUATION
FEASIBILITY
FINANCIAL MANAGEMENT
GROSS NATIONAL PRODUCT
REVENUE
TASK COMPLEXITY
TASKS
VALUE

COTTON
GS FARM CROPS
COTTON
RT BOLL WEEVILS
BOLLWORMS
CLOTHING
CORDAGE
EARTH RESOURCES
FABRICS
FIBERS
PLANTS (BOTANY)
TEXTILES
YARNS

COTTON FIBERS
GS CLOTHING
COTTON FIBERS
FIBERS
COTTON FIBERS
TEXTILES
COTTON FIBERS
RT CREPE
ORGANIC MATERIALS

NASA THESAURUS (VOLUME 1)

COUCHES
RT BEDS
CUSHIONS
HARNESSES
PILLOWS
SEATS
SPACECRAFT ENVIRONMENTS

COUETTE FLOW
GS FLUID FLOW
STEADY FLOW
COUETTE FLOW
TWO DIMENSIONAL FLOW
COUETTE FLOW
VISCOUS FLOW
COUETTE FLOW
RT ANNULAR FLOW
AXISYMMETRIC FLOW
HARTMANN FLOW
ROTATING CYLINDERS

COUGAR AIRCRAFT
USE F-9 AIRCRAFT

COUGH
GS REFLEXES
RESPIRATORY REFLEXES
COUGH
SIGNS AND SYMPTOMS
COUGH
RT EXPELLANTS

COULEES
USE CANYONS

COULOMB COLLISIONS
GS COLLISIONS
COULOMB COLLISIONS
RT CHARGED PARTICLES

COULOMB POTENTIAL
GS POTENTIAL ENERGY
ELECTRIC POTENTIAL
COULOMB POTENTIAL
RT CHARGED PARTICLES
COULOMETRY
ELECTRIC FIELD STRENGTH
ELECTRIC FIELDS
∞ POTENTIAL

COULOMETERS
GS MEASURING INSTRUMENTS
COULOMETERS
RT AMMETERS
CHEMICAL ANALYSIS
COULOMETRY
ELECTRICAL MEASUREMENT
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
TITRATION
VOLTMETERS

COULOMETRY
GS ELECTRICAL MEASUREMENT
COULOMETRY
ELECTROCHEMISTRY
ELECTROLYSIS
COULOMETRY
RT COULOMB POTENTIAL
COULOMETERS

COUNTDOWN
GS PREFLIGHT OPERATIONS
COUNTDOWN
SCHEDULES
COUNTDOWN
RT CHECKOUT
CREW PROCEDURES (PREFLIGHT)
LAUNCHING
PRELAUNCH PROBLEMS
PRELAUNCH TESTS
SPACE VEHICLE CHECKOUT PROGRAM
SPACECRAFT LAUNCHING
WINDOWS (INTERVALS)

COUNTER ROTATION
GS GYRATION
ROTATION
COUNTER ROTATION
RT BOUNDARY VALUE PROBLEMS
COUNTER-ROTATING WHEELS
COUNTERFLOW
ROTATING DISKS

COUNTER ROTATION-(CONT)
ROTATING FLUIDS**COUNTER-ROTATING WHEELS**

UF INERTIA WHEELS
 GS WHEELS
COUNTER-ROTATING WHEELS
 RT COUNTER ROTATION
 FLYWHEELS
 GEARS
 MECHANICAL DRIVES
 REACTION WHEELS

COUNTERBALANCES

RT AIRCRAFT STABILITY
 BALLAST (MASS)
 DYNAMIC STABILITY
 MASS DISTRIBUTION
 SPACECRAFT STABILITY
 STATIC STABILITY

COUNTERFLOW

GS FLUID FLOW
COUNTERFLOW
 RT AXIAL FLOW
 COUNTER ROTATION
 HEAT EXCHANGERS
 HEAT TRANSFER
 TRAPPED VORTEXES
 TURBULENT DIFFUSION
 TURBULENT FLOW
 VORTICES

COUNTERMEASURES

GS **COUNTERMEASURES**
 BALLISTIC MISSILE DECOYS
 ELECTRONIC COUNTERMEASURES
 ANTIRADAR COATINGS
 CHAFF
 JAMMING
 OPTICAL COUNTERMEASURES
 REENTRY DECOYS
 RT ANTIRADIATION MISSILES
 BLUE GOOSE MISSILE
 DECOYS
 PROTECTION
 QUAIL MISSILE
 RADAR ABSORBERS
 TARGET MASKING
 TORPEDOES

COUNTERS

UF DEKATRONS
 GAS DISCHARGE COUNTERS
 PULSE RECORDERS
 QUANTIZER
 GS MEASURING INSTRUMENTS
COUNTERS
 RADIATION COUNTERS
 CERENKOV COUNTERS
 ELECTRON COUNTERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 QUANTUM COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS
 RT ACCUMULATORS (COMPUTERS)
 COMPUTER COMPONENTS
 COUNTING
 COUNTING CIRCUITS
 DATA RECORDERS
 IONIZATION CHAMBERS
 MONITORS
 RECORDING INSTRUMENTS

COUNTERSINKING

RT GRINDING (MATERIAL REMOVAL)
 METAL CUTTING

COUNTING

RT COUNTERS
 DATA ACQUISITION
 ENUMERATION
 ESTIMATING
 ∞ MEASUREMENT
 ∞ NUMBERS
 OBSERVATION
 REPETITION
 SAMPLING

COUNTING CIRCUITS

GS CIRCUITS

COUNTING CIRCUITS-(CONT)

COUNTING CIRCUITS
 SCALERS
 RT COUNTERS
 LOGIC CIRCUITS

COUNTING RATE COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
COUNTING RATE COMPUTERS

COUPLED MODES

UF MODE COUPLING
 GS MODES
COUPLED MODES
 RT CHEMICAL BONDS
 COUPLES
 COUPLINGS
 CROSSLINKING
 POLYMERIZATION
 STRONGLY COUPLED PLASMAS
 UNCOUPLED MODES

COUPLERS

SN (EXCLUDES MECHANICAL DEVICE)
 GS **COUPLERS**
 ANTENNA COUPLERS
 COUPLING CIRCUITS
 DIPLEXERS
 DIRECTIONAL COUPLERS
 RT ANTENNA COMPONENTS
 COUPLING
 COUPLINGS
 IMPEDANCE MATCHING
 YOKES

COUPLES

GS COUPLING
COUPLES
 RT ANTENNA COUPLERS
 COUPLED MODES
 COUPLING CIRCUITS
 CROSS COUPLING
 DIPLEXERS
 OPTICAL COUPLING
 SPIN-SPIN COUPLING
 UNCOUPLED MODES
 YOKES

COUPLING

SN (FOR MECHANICAL DEVICES, USE COUPLINGS)
 GS **COUPLING**
 COUPLES
 CROSS COUPLING
 GYROSCOPIC COUPLING
 MICROWAVE COUPLING
 OPTICAL COUPLING
 SPIN-SPIN COUPLING
 THERMODYNAMIC COUPLING
 RT ANTENNA COUPLERS
 CLEBSCH-GORDAN COEFFICIENTS
 COUPLERS
 COUPLINGS
 DECOUPLING
 DIRECTIONAL COUPLERS
 LINKAGES
 MECHANICAL DRIVES
 RACAII COEFFICIENT
 VELOCITY COUPLING
 WAVE INTERACTION

COUPLING CIRCUITS

GS CIRCUITS
COUPLING CIRCUITS
 COUPLERS
 ANTENNA COUPLERS
COUPLING CIRCUITS
 RT COUPLES
 CROSS COUPLING
 ENERGY TRANSFER
 IMPEDANCE MATCHING
 ∞ NETWORKS
 RC CIRCUITS
 RL CIRCUITS
 TRANSFORMERS

COUPLING COEFFICIENTS

GS COEFFICIENTS
COUPLING COEFFICIENTS
 RT FORM FACTORS
 MAGNETIC INDUCTION
 TRANSFER FUNCTIONS

COUPLINGS

RT ANCHORS (FASTENERS)
 BOLTS
 CLIPS
 CLOSURES
 CONNECTORS
 COUPLED MODES
 COUPLERS
 COUPLING
 DIRECTIONAL COUPLERS
 FASTENERS
 FITTINGS
 ∞ JOINING
 JOINTS (JUNCTIONS)
 LINKAGES
 MECHANICAL DRIVES
 PINS
 RIVETS
 SCREWS
 SLEEVES
 SPLINES
 TRAILERS
 UNIONS (CONNECTORS)

COURIER AIRCRAFT

USE U-10 AIRCRAFT

COURIER SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
COURIER SATELLITE
 RT ADVENT PROJECT

COURSES

USE PATHS

COVALENCE

RT CHEMICAL BONDS
 COVALENT BONDS

COVALENT BONDS

GS CHEMICAL BONDS
COVALENT BONDS
 RT COVALENCE

COVARIANCE

GS STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)
 MULTIVARIATE STATISTICAL ANALYSIS
COVARIANCE
 RT CORRELATION
 EXPERIMENT DESIGN
 FACTOR ANALYSIS
 ORTHOGONALITY
 QUALITY CONTROL
 REGRESSION ANALYSIS
 SIGNIFICANCE
 VARIABILITY

COVERALLS

GS CLOTHING
COVERALLS
 RT FLIGHT CLOTHING
 PROTECTIVE CLOTHING

COVERINGS

RT CAMOUFLAGE
 ∞ CAPS
 ∞ CASING
 CLOSURES
 COATINGS
 ELECTROSTATIC BONDING
 ENCLOSURES
 ∞ ENVELOPES
 GUARDS (SHIELDS)
 HOUSINGS
 JACKETS
 MASKING
 PRESERVING
 SEALING
 SHELLS (STRUCTURAL FORMS)
 SHROUDS
 SPHERICAL CAPS

COVES

USE BAYS (TOPOGRAPHIC FEATURES)

COWELL METHOD

USE NUMERICAL INTEGRATION

COWLINGS

GS HOUSINGS
COWLINGS

CRAB NEBULA

COWLINGS-(CONT)

RT AIR INTAKES
FAIRINGS
NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
SHELLS (STRUCTURAL FORMS)

CRAB NEBULA

GS CELESTIAL BODIES
NEBULAE
CRAB NEBULA
RT ORION NEBULA
SUPERNOVAE
TAURUS CONSTELLATION

CRABS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
CRABS

CRACK ARREST

RT CRACK INITIATION
CRACK PROPAGATION
CRACK TIPS
CRACKING (FRACTURING)

CRACK CLOSURE

RT BRITTLENESS
CRACKING (FRACTURING)
CRACKS
ELBER EQUATION
FATIGUE (MATERIALS)
FRACTOGRAPHY
FRACTURE MECHANICS
FRACTURE STRENGTH
FRACTURING
GRIFFITH CRACK
METAL FATIGUE
MICROCRACKS
STRESS CORROSION CRACKING
SURFACE CRACKS

CRACK FORMATION

USE CRACK INITIATION

CRACK GEOMETRY

GS GEOMETRY
CRACK GEOMETRY
RT CAVITIES
CRACKS
FATIGUE (MATERIALS)
FRACTOGRAPHY
MICROCRACKS
SURFACE CRACKS
VOIDS

CRACK INITIATION

UF CRACK FORMATION
RT BRITTLENESS
CRACK ARREST
CRACK TIPS
CRACKS
CRITICAL LOADING
FRACTURE MECHANICS
FRACTURE STRENGTH
J INTEGRAL
METAL FATIGUE
METAL SURFACES
MICROCRACKS
STRESS CONCENTRATION
STRESS CORROSION CRACKING
STRESS INTENSITY FACTORS
SURFACE CRACKS
SURFACE DEFECTS
TOUGHNESS

CRACK PROPAGATION

GS PROPAGATION (EXTENSION)
CRACK PROPAGATION
RT ACOUSTIC EMISSION
BEND TESTS
BRITTLENESS
COFFIN-MANSON LAW
CRACK ARREST
CRACK TIPS
CRACKING (FRACTURING)
CRACKS
FATIGUE (MATERIALS)
FRACTOGRAPHY
FRACTURE MECHANICS
FRACTURE STRENGTH
FRACTURING
GRIFFITH CRACK

CRACK PROPAGATION-(CONT)

J INTEGRAL
METAL FATIGUE
MICROMECHANICS
PLANE STRAIN
∞ PROPAGATION
RESIDUAL STRENGTH
∞ RESISTANCE
SEGREGATION CHARACTERISTIC
STRESS CORROSION CRACKING
STRESS INTENSITY FACTORS
SURFACE CRACKS

CRACK TIPS

GS CRACKS
CRACK TIPS
TIPS
CRACK TIPS
RT CRACK ARREST
CRACK INITIATION
CRACK PROPAGATION

CRACKING (CHEMICAL ENGINEERING)

GS CHEMICAL REACTIONS
CRACKING (CHEMICAL ENGINEERING)
PYROLYSIS
DECOMPOSITION
CRACKING (CHEMICAL ENGINEERING)
RT AMMONOLYSIS
CATALYSIS
CATALYTIC ACTIVITY
CHEMICAL ENGINEERING
COAL GASIFICATION
ELECTROLYSIS
HYDROCARBONS
HYDROGENOLYSIS
HYDROLYSIS
NITROLYSIS
ORGANIC CHEMISTRY
PHOTOLYSIS
THERMAL DISSOCIATION

CRACKING (FRACTURING)

GS **CRACKING (FRACTURING)**
STRESS CORROSION CRACKING
RT BRITTLE MATERIALS
BRITTLENESS
CRACK ARREST
CRACK CLOSURE
CRACK PROPAGATION
CRACKS
DESTRUCTION
FAILURE
FATIGUE (MATERIALS)
FRACTURING
J INTEGRAL
RUPTURING
STRESS CONCENTRATION
STRESS CORROSION
STRESS INTENSITY FACTORS
STRUCTURAL FAILURE
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS

CRACKS

UF CREVICES
GS **CRACKS**
CRACK TIPS
MICROCRACKS
SURFACE CRACKS
RT CAVITIES
CRACK CLOSURE
CRACK GEOMETRY
CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
DEFECTS
ELBER EQUATION
FAILURE MODES
FATIGUE (MATERIALS)
FRACTURES (MATERIALS)
INTERSTICES
LEAKAGE
OPENINGS
STRESSES
TEMPERATURE INVERSIONS
ULTRASONIC SPECTROSCOPY

CRAFT

USE VEHICLES

CRAMPS

RT EPILEPSY
MUSCULAR FUNCTION
SEIZURES

NASA THESAURUS (VOLUME 1)

CRANES

SN (EXCLUDES BIRDS)
GS HANDLING EQUIPMENT
CRANES
GANTRY CRANES
RT BOOMS (EQUIPMENT)
CONVEYORS
∞ LIFTS
LOGISTICS
MATERIALS HANDLING
TOWERS
WINCHES

CRANIUM

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY
RT INTERCRANIAL CIRCULATION

CRANK-NICHOLSON METHOD

RT BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS
FINITE DIFFERENCE THEORY
FINITE ELEMENT METHOD
NUMERICAL ANALYSIS
PROBLEM SOLVING

CRANKED WINGS

USE SWEEPED WINGS

CRANKS

USE ECCENTRICS

CRASH INJURIES

GS INJURIES
CRASH INJURIES
RT ACCIDENTS
BURNS (INJURIES)
HAZARDS
WHIPLASH INJURIES

CRASH LANDING

GS CRASHES
CRASH LANDING
DITCHING (LANDING)
LANDING
AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
RT AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
AIRCRAFT SPIN
ARRESTING GEAR
CRASHWORTHINESS
FLIGHT HAZARDS
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
LUNAR LANDING
PILOT ERROR
PLANETARY LANDING
SKID LANDINGS
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING

CRASHES

GS **CRASHES**
CRASH LANDING
DITCHING (LANDING)
RT ACCIDENTS
AIR BAG RESTRAINT DEVICES
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
COLLISIONS
CRASHWORTHINESS
ENCOUNTERS
FLIGHT HAZARDS
FLIGHT SAFETY
HIGHWAYS
MIDAIR COLLISIONS
PILOT ERROR
SAFETY
WRECKAGE

CRASHWORTHINESS

RT AIRCRAFT ACCIDENTS
AIRCRAFT LANDING
AIRCRAFT SAFETY
CRASH LANDING
CRASHES
FLIGHT SAFETY
IMPACT RESISTANCE

CRATERING

GS **CRATERING**
PROJECTILE CRATERING
RT CRATERS
EJECTA
IMPACT DAMAGE
MARS CRATERS
METEORITE CRATERS
METEORITIC DAMAGE
NUCLEAR EXPLOSIONS

CRATERS

UF MAARS
METEOR CRATERS
GS **CRATERS**
LUNAR CRATERS
PTOLEMAEUS CRATER
TYCHO CRATER
METEORITE CRATERS
PLANETARY CRATERS
MARS CRATERS
RT CALDERAS
CONES (VOLCANOES)
CRATERING
EJECTA
IMPACT DAMAGE
SATELLITE SURFACES

CRATONS

RT CONTINENTS
EARTH CRUST
EARTH SURFACE
OCEAN BOTTOM

CRAWLER TRACTORS

GS SURFACE VEHICLES
MOTOR VEHICLES
TRACTORS
CRAWLER TRACTORS
RT ELECTRIC MOTOR VEHICLES
GROUND SUPPORT EQUIPMENT
HANDLING EQUIPMENT
LUNAR SURFACE VEHICLES
MANNED LUNAR SURFACE VEHICLES
TRACKED VEHICLES
∞ TRANSPORT VEHICLES
∞ VEHICLES

CRAY COMPUTERS

GS SUPERCOMPUTERS
CRAY COMPUTERS

CRAYONS

RT ∞ MARKERS
TEMPERATURE MEASUREMENT

CRAZING

USE SURFACE CRACKS

CREATINE

GS CRYSTALS
CREATINE
RT JUICES

CREATININE

RT DISEASES
URINE

CREATION

USE CREATIVITY

CREATIVITY

UF CREATION
RT ARTS
EDUCATION
MORALE

CREEP ANALYSIS

RT ∞ ANALYZING
STRESS ANALYSIS
STRESS RELAXATION
STRUCTURAL ANALYSIS

CREEP BUCKLING

GS BUCKLING

CREEP BUCKLING-(CONT.)
CREEP BUCKLING**CREEP DIAGRAMS**

GS DIAGRAMS
CREEP DIAGRAMS
RT STRESS RELAXATION
STRESS-STRAIN-TIME RELATIONS

CREEP PROPERTIES

GS MECHANICAL PROPERTIES
CREEP PROPERTIES
SHEAR CREEP
STEADY STATE CREEP
TENSILE CREEP
RT ANELASTICITY
DEFORMATION
DIMENSIONAL STABILITY
DUCTILITY
FATIGUE (MATERIALS)
∞ FLOW
PLASTIC DEFORMATION
PLASTIC FLOW
∞ PROPERTIES
RESIDUAL STRESS
SHEAR FLOW
SHEAR PROPERTIES
STATIC DEFORMATION
STRESS RELAXATION
STRESSES
STRUCTURAL FAILURE
SUPERPLASTICITY
TEMPERATURE INVERSIONS

CREEP RESISTANCE

USE CREEP STRENGTH

CREEP RUPTURE STRENGTH

UF STRESS RUPTURE STRENGTH
GS MECHANICAL PROPERTIES
CREEP RUPTURE STRENGTH
RT FRACTURE STRENGTH
J INTEGRAL
∞ STRENGTH

CREEP STRENGTH

UF CREEP RESISTANCE
GS MECHANICAL PROPERTIES
CREEP STRENGTH
RT ∞ RESISTANCE
∞ STRENGTH

CREEP TESTS

RT COMPRESSION TESTS
FATIGUE TESTS
LOAD TESTS
PLASTIC DEFORMATION
STATIC TESTS
∞ TESTS

CREPE

GS FABRICS
CREPE
RT COTTON FIBERS
SILK

CRESOLS

GS HYDROXYL COMPOUNDS
ALCOHOLS
PHENOLS
CRESOLS

CRESTATRONS

USE TRAVELING WAVE TUBES

CRESTS

USE WAVES

CREVASSES

GS **CREVASSES**
GLACIERS
RT EARTH MOVEMENTS
GEOLOGICAL FAULTS
RECESSES
SEAMOUNTS

CREVICES

USE CRACKS

CREW EXPERIMENT STATIONS

GS STATIONS
CREW STATIONS
CREW EXPERIMENT STATIONS
RT ASTRONAUTS

CREW EXPERIMENT STATIONS-(CONT.)

COMPARTMENTS
COSMONAUTS
CREWS
PERSONNEL
SPACECRAFT CABINS
SPACECREWS

CREW OBSERVATION STATIONS

GS STATIONS
CREW STATIONS
CREW OBSERVATION STATIONS
RT ASTRONAUTS
COMPARTMENTS
COSMONAUTS
CREWS
PERSONNEL
SPACECRAFT CABINS
SPACECREWS

CREW PROCEDURES (INFLIGHT)

GS FLIGHT OPERATIONS
CREW PROCEDURES (INFLIGHT)
PROCEDURES
CREW PROCEDURES (INFLIGHT)
RT DISPLAY DEVICES
FLIGHT CREWS
IN-FLIGHT MONITORING
SPACECREWS
TASKS
∞ TESTS

CREW PROCEDURES (PREFLIGHT)

GS PROCEDURES
CREW PROCEDURES (PREFLIGHT)
RT COUNTDOWN
DISPLAY DEVICES
FLIGHT CREWS
FLIGHT OPERATIONS
GROUND HANDLING
GROUND TESTS
IN-FLIGHT MONITORING
ONBOARD EQUIPMENT
PREFLIGHT OPERATIONS
PRELAUNCH TESTS
SPACECRAFT CONTROL
SPACECREWS
TASKS
∞ TESTS

CREW SIZE

RT FLIGHT CREWS

CREW STATIONS

GS STATIONS
CREW STATIONS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW WORKSTATIONS
RT ASTRONAUTS
COMPARTMENTS
COSMONAUTS
CREWS
HELMET MOUNTED DISPLAYS
PERSONNEL
SPACECRAFT CABINS
SPACECREWS

CREW WORKSTATIONS

GS STATIONS
CREW STATIONS
CREW WORKSTATIONS
RT ASTRONAUTS
COMPARTMENTS
COSMONAUTS
CREWS
PERSONNEL
SPACECRAFT CABINS
SPACECREWS

CREWS

GS PERSONNEL
CREWS
FLIGHT CREWS
SPACECREWS
RT ASTRONAUTS
COSMONAUTS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW STATIONS
CREW WORKSTATIONS
FLIGHT NURSES
PILOTS (PERSONNEL)

CRICKETS

CRICKETS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
CRICKETS
BEETLES
TRIBOLIA

CRIME

RT AIR PIRACY
LAW (JURISPRUDENCE)
POLICE
REGULATIONS
SECURITY
SOCIAL FACTORS
SURVEILLANCE
VIOLENCE

CRIMPING

USE FOLDING

CRITERIA

GS **CRITERIA**
STRUCTURAL DESIGN CRITERIA
RT EVALUATION
FIGURE OF MERIT
∞ MEASURES
STANDARDS

CRITICAL EXPERIMENTS

RT EXPERIMENTATION
NUCLEAR FISSION
NUCLEAR REACTIONS

CRITICAL FLICKER FUSION

UF FLICKER FUSION FREQUENCY
GS PERCEPTION
SENSORY PERCEPTION
VISUAL PERCEPTION
CRITICAL FLICKER FUSION
RT AFTERIMAGES
FLICKER

CRITICAL FLOW

GS FLUID FLOW
CRITICAL FLOW
RT FLOW CHARACTERISTICS
GAS FLOW
LAMINAR FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

CRITICAL FREQUENCIES

GS FREQUENCIES
CRITICAL FREQUENCIES
RT LIGHT (VISIBLE RADIATION)
RESONANT FREQUENCIES

CRITICAL LOADING

SN (LIMITED TO FORCE LOADS)
UF CRITICAL STRESS
GS LOADS (FORCES)
CRITICAL LOADING
STRESSES
CRITICAL LOADING
RT AERODYNAMIC LOADS
CRACK INITIATION
DYNAMIC LOADS
PROPORTIONAL LIMIT
SHALLOW SHELLS
STATIC LOADS

CRITICAL MACH NUMBER

USE CRITICAL VELOCITY
MACH NUMBER

CRITICAL MASS

GS MASS
CRITICAL MASS
RT NUCLEAR FISSION
NUCLEAR FUEL BURNUP
NUCLEAR REACTIONS
PLASMA CORE REACTORS

CRITICAL MASS-(CONT) SUBCRITICAL MASS

CRITICAL PATH METHOD

GS NETWORK ANALYSIS
CRITICAL PATH METHOD
RT ∞ CONTROL
DYNAMIC PROGRAMMING
ESTIMATING
GERT
MANAGEMENT METHODS
∞ METHODOLOGY
MISSION PLANNING
OPERATIONS RESEARCH
∞ PATHS
PERT
PLANNING
PROGRAM TREND LINE ANALYSIS
PROGRAMMING (SCHEDULING)
PROJECT MANAGEMENT
RESEARCH
SEQUENCING
SNEAK CIRCUIT ANALYSIS
SYSTEMS ENGINEERING

CRITICAL POINT

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
CRITICAL POINT
RT MAYER PROBLEM

CRITICAL PRESSURE

GS PRESSURE
CRITICAL PRESSURE
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
CRITICAL PRESSURE
RT HIGH PRESSURE
LIQUID PHASES
SUPERCRITICAL PRESSURES
VAPOR PHASES

CRITICAL REYNOLDS NUMBER

USE CRITICAL VELOCITY
REYNOLDS NUMBER

CRITICAL SPEED

USE CRITICAL VELOCITY

CRITICAL STRESS

USE CRITICAL LOADING

CRITICAL TEMPERATURE

GS TEMPERATURE
CRITICAL TEMPERATURE
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
CRITICAL TEMPERATURE
RT HEAT TREATMENT
METALLIC HYDROGEN
NONCONDENSABLE GASES
PHASE DIAGRAMS
PHASE TRANSFORMATIONS
ULTRALOW TEMPERATURES

CRITICAL VELOCITY

UF CRITICAL MACH NUMBER
CRITICAL REYNOLDS NUMBER
CRITICAL SPEED
GS RATES (PER TIME)
CRITICAL VELOCITY
VELOCITY
CRITICAL VELOCITY
RT EXHAUST VELOCITY
RESONANT FREQUENCIES
TIP SPEED

CROCCO METHOD

RT AXISYMMETRIC FLOW
BOUNDARY LAYERS
COMPRESSIBLE FLOW
COMPRESSIBLE FLUIDS
ENTROPY
INVISCID FLOW
∞ METHODOLOGY
SHOCK WAVE PROPAGATION
STEADY FLOW
VORTICITY

CROCCO-LEE THEORY

RT BOUNDARY LAYER SEPARATION
CONTINUITY EQUATION
GAS FLOW
INVISCID FLOW

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CROCCO-LEE THEORY-(CONT)

MASS FLOW
MULTIPHASE FLOW
REATTACHED FLOW
SEPARATED FLOW
∞ THEORIES

CROLOY

GS ALLOYS
IRON ALLOYS
STEELS
CROLOY

CROP CALENDARS

GS CALENDARS
CROP CALENDARS
RT ∞ CROPS
FARM CROPS
GROWTH
SCHEDULING
SEASONS

CROP DUSTING

GS SPRAYING
CROP DUSTING
RT AEROSOLS
AGRICULTURAL AIRCRAFT
AGRICULTURE
DISPERSIONS
FARM CROPS
PESTICIDES
POWDER (PARTICLES)

CROP GROWTH

GS GROWTH
CROP GROWTH
RT AGRICULTURE
ALFALFA
BARLEY
BLIGHT
CITRUS TREES
CORN
∞ CROPS
EARTH RESOURCES
FARM CROPS
FARMLANDS
GERMINATION
GRASSLANDS
LARGE AREA CROP INVENTORY
EXPERIMENT
OATS
ORCHARDS
PHOTOSYNTHESIS
PLANT STRESS
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
THERMAL RESOURCES
VINEYARDS
WHEAT

CROP IDENTIFICATION

GS IDENTIFYING
CROP IDENTIFICATION
RT AGRICULTURE
∞ CROPS
EARTH RESOURCES
EVALUATION
FARMLANDS
GROUND TRUTH
IMAGING TECHNIQUES
MULTISPECTRAL PHOTOGRAPHY
RECOGNITION
REMOTE SENSORS
∞ SENSORS
SORGHUM
SPECTRAL SIGNATURES
SPOT (FRENCH SATELLITE)
SUNFLOWERS
TIMBER IDENTIFICATION
VEGETATIVE INDEX

CROP INVENTORIES

GS INVENTORIES
CROP INVENTORIES
RT AGRICULTURE
AGRISTARS PROJECT
FARM CROPS
FARMLANDS
LARGE AREA CROP INVENTORY
EXPERIMENT
REMOTE SENSORS
VEGETATIVE INDEX

CROP INVENTORIES BY REMOTE SENSING

USE AGRISTARS PROJECT

CROP VIGOR

RT AGRICULTURE
ALFALFA
BARLEY
BLIGHT
CITRUS TREES
FARM CROPS
FARMLANDS
IRRIGATION
OATS
ORCHARDS
PHOTOTROPISM
PLANT STRESS
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
THERMAL RESOURCES
VEGETATION GROWTH
VIABILITY
VINEYARDS
WHEAT

CROPLANDS

USE FARMLANDS

∞ CROPS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)

RT AGRICULTURE
ALFALFA
BARLEY
BIOMASS ENERGY PRODUCTION
CITRUS TREES
CORN
CROP CALENDARS
CROP GROWTH
CROP IDENTIFICATION
FARM CROPS
FARMLANDS
FROST DAMAGE
LARGE AREA CROP INVENTORY
EXPERIMENT
ORCHARDS
PLANTING
SORGHUM
SUNFLOWERS
VINEYARDS
WHEAT

CROSS CORRELATION

GS CORRELATION
CROSS CORRELATION
RT AUTOCORRELATION
DATA CORRELATION

CROSS COUPLING

GS COUPLING
CROSS COUPLING
RT COMMUNICATION THEORY
COUPLES
COUPLING CIRCUITS
MICROWAVE COUPLING
OPTICAL COUPLING
RADIO FREQUENCY INTERFERENCE

CROSS FAULTS

USE GEOLOGICAL FAULTS

CROSS FLOW

GS FLUID FLOW
CROSS FLOW
RT AERODYNAMIC CHARACTERISTICS
∞ FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLUID DYNAMICS
SPANWISE BLOWING
WATER TUNNEL TESTS

CROSS POLARIZATION

GS POLARIZATION (WAVES)
CROSS POLARIZATION
RT OPTICAL COUPLING
OPTICAL PROPERTIES
POLARIZED ELECTROMAGNETIC
RADIATION
POLARONS
ROTATION

CROSS RELAXATION

RT MASERS
∞ RELAXATION
RUTILE
SPIN-SPIN COUPLING

∞ CROSS SECTIONS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)

RT ABSORPTION CROSS SECTIONS
AIRFOIL PROFILES
AREA
ATOMIC COLLISIONS
COLLISION PARAMETERS
DISTRIBUTION (PROPERTY)
DRAWINGS
GEOMETRY
GRADIENTS
IONIZATION CROSS SECTIONS
MEAN FREE PATH
NEUTRON CROSS SECTIONS
PLANFORMS
RADAR CROSS SECTIONS
SCATTERING CROSS SECTIONS
SHAPES
STOPPING POWER
SURVEYS
TWO DIMENSIONAL BODIES

CROSSBEDDING (GEOLOGY)

GS GEOLOGY
CROSSBEDDING (GEOLOGY)
RT LANDFORMS
ROCKS
STRATA
STRATIFICATION
STRATIGRAPHY

CROSSED FIELD AMPLIFIERS

GS AMPLIFIERS
CROSSED FIELD AMPLIFIERS
RT ELECTRON TUBES
MAGNETRONS
MICROWAVE AMPLIFIERS
TRAVELING WAVE TUBES

CROSSED FIELD GUNS

RT ELECTRON GUNS
∞ GUNS
PLASMA CONTROL
PLASMA GUNS
PLASMA JETS

CROSSED FIELDS

RT ELECTRIC FIELDS
FIELD THEORY (PHYSICS)
MAGNETIC FIELDS
MAGNETRONS
PLASMA CONTROL
WAVEGUIDES

CROSSINGS

GS CROSSINGS
CHIASMS
RT BRIDGES (STRUCTURES)
CROSSOVERS
INTERSECTIONS
PIPELINES
RAMPS (STRUCTURES)

CROSSLINKING

GS CROSSLINKING
VULCANIZING
RT ADDITION RESINS
COUPLED MODES
CURING
∞ JOINING
PHENOLIC EPOXY RESINS

CROSSOVERS

RT BRIDGES (STRUCTURES)
CROSSINGS
INTERSECTIONS

CROSSTALK

GS ELECTROMAGNETIC INTERFERENCE
CROSSTALK
IONOSPHERIC CROSS MODULATION
RT COMMUNICATING
ELECTROMAGNETIC COMPATIBILITY
∞ INTERFERENCE
TELEPHONY
WAVE DIFFRACTION

CROWDING

RT ∞ CONCENTRATION
∞ SATURATION

CRUCIBLES

RT ∞ CONTAINERS
HEATING EQUIPMENT

CRUCIFORM WINGS

GS AIRFOILS
WINGS
CRUCIFORM WINGS
RT FIXED WINGS
LOW ASPECT RATIO WINGS

CRUDE OIL

UF PETROLEUM
GS OILS
CRUDE OIL
RESOURCES
EARTH RESOURCES
FOSSIL FUELS
CRUDE OIL
RT CARBONACEOUS MATERIALS
DEPOSITS
ENERGY POLICY
FUEL PRODUCTION
HYDROCARBON FUELS
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS
PETROLEUM PRODUCTS
RESERVES
UNDERWATER RESOURCES
WAXES

CRUISE MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
CRUISE MISSILES
NAVAHO MISSILE
TOMAHAWK MISSILES
RT ANTISHIP MISSILES

CRUISING FLIGHT

RT COASTING FLIGHT
∞ FLIGHT
HORIZONTAL FLIGHT

CRUSADER AIRCRAFT

USE F-8 AIRCRAFT

CRUSHERS

RT COMMINUTION
CRUSHING
DISINTEGRATION
GRINDING MILLS
IMPACTORS

CRUSHING

GS COMMINUTION
CRUSHING
RT CRUSHERS
DISINTEGRATION
GRINDING (COMMINUTION)

CRUSTAL FRACTURES

GS FRACTURING
CRUSTAL FRACTURES
RT EARTH CRUST
EARTH MOVEMENTS
EARTH SURFACE
EARTHQUAKE RESISTANCE
EARTHQUAKES
GEODYNAMICS
GEOLOGICAL FAULTS
MICROSEISMS
P WAVES
S WAVES
SAN ANDREAS FAULT
SEISMIC WAVES
SEISMOLOGY
SHATTER CONES
SHOCK LOADS
SHOCK WAVES
SOIL MECHANICS
SURFACE WAVES

CRUSTS

GS CRUSTS
EARTH CRUST
LUNAR CRUST
RT LUNAR MANTLE
PLANETARY MANTLES

CRYOCHEMISTRY

CRYOCHEMISTRY

GS PHYSICAL CHEMISTRY
CRYOCHEMISTRY
RT ∞ CHEMISTRY
CRYOGENIC EQUIPMENT
CRYOGENICS
LOW TEMPERATURE PHYSICS

CRYOCYCLE PRINCIPLE

RT CRYOPUMPING
SPACECRAFT POWER SUPPLIES

CRYODEPOSITS

GS DEPOSITS
CRYODEPOSITS
RT COATINGS
∞ CRYOGENIC STORAGE
CRYOGENICS

CRYOGENIC COMPUTER STORAGE

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
CRYOGENIC COMPUTER STORAGE
RT ∞ CRYOGENIC STORAGE
CRYOTRONS
∞ EQUIPMENT
SUPERCONDUCTORS

CRYOGENIC COOLING

GS COOLING
SUPERCooling
CRYOGENIC COOLING
RT COOLERS
CRYOGENICS
FREEZING
HEAT TRANSFER
REFRIGERATING

CRYOGENIC EQUIPMENT

UF DEWAR SYSTEMS
RT CRYOCHEMISTRY
CRYOGENICS
∞ EQUIPMENT
GRAVITATIONAL WAVE ANTENNAS
REFRIGERATING
REFRIGERATING MACHINERY
SOLID CRYOGENS

CRYOGENIC FLUID STORAGE

RT COLD SURFACES
∞ CRYOGENIC STORAGE
EVAPORATIVE COOLING
FLUID MANAGEMENT
FUEL TANKS
MULTILAYER INSULATION
SPACE STORAGE
∞ STORAGE
STORAGE TANKS
THERMAL INSULATION

CRYOGENIC FLUIDS

GS LIQUIDS
CRYOGENIC FLUIDS
FERMI LIQUIDS
FLOX
LIQUID HELIUM
LIQUID HYDROGEN
LIQUID NITROGEN
LIQUID OXYGEN
RT CRYOGENICS
CRYOPUMPING
FLUID MANAGEMENT
∞ FLUIDS
ROCKET OXIDIZERS
SOLID CRYOGEN COOLING
ULTRALOW TEMPERATURES

CRYOGENIC GYROSCOPES

GS GYROSCOPES
CRYOGENIC GYROSCOPES

CRYOGENIC MAGNETS

GS MAGNETS
CRYOGENIC MAGNETS
RT SUPERCONDUCTING MAGNETS

CRYOGENIC ROCKET PROPELLANTS

GS LIQUIDS
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET
PROPELLANTS
PROPELLANTS
ROCKET PROPELLANTS

CRYOGENIC ROCKET PROPELLANTS-(CONT)

LIQUID ROCKET PROPELLANTS

CRYOGENIC ROCKET PROPELLANTS

RT CRYOGENICS
ENDOTHERMIC FUELS
FLUID MANAGEMENT
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HIGH ENERGY FUELS
HIGH ENERGY PROPELLANTS
HYBRID PROPELLANTS
HYDROGEN FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUEFIED GASES
LIQUID HYDROGEN
LIQUID OXYGEN
RL-10 ENGINES
SLUSH
SPACE STORAGE
STORABLE PROPELLANTS

CRYOGENIC STORAGE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CRYODEPOSITS
CRYOGENIC COMPUTER STORAGE
CRYOGENIC FLUID STORAGE

CRYOGENIC WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
CRYOGENIC WIND TUNNELS
RT FLIGHT SIMULATORS
TEST CHAMBERS

CRYOGENICS

RT ABSOLUTE ZERO
COLD TRAPS
COOLING
CRYOCHEMISTRY
CRYODEPOSITS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENIC FLUIDS
CRYOGENIC ROCKET PROPELLANTS
CRYOPUMPING
CRYOSAR
CRYOSTATS
CRYOTRONS
FERMI LIQUIDS
JOULE-THOMSON EFFECT
LIQUEFIED GASES
LOW TEMPERATURE
LOW TEMPERATURE PHYSICS
REFRIGERATING
SOLID CRYOGEN COOLING
SOLID CRYOGENS
SOLID NITROGEN
SOLIDIFIED GASES
SUPERCONDUCTING POWER
TRANSMISSION
SUPERCONDUCTIVITY
THERMOELECTRIC COOLING
THERMOMAGNETIC COOLING
ULTRALOW TEMPERATURES

CRYOLITE

GS ALUMINUM COMPOUNDS
CRYOLITE
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
CRYOLITE
FLUORO COMPOUNDS
CRYOLITE
MINERALS
CRYOLITE
SODIUM COMPOUNDS
CRYOLITE
RT ALUMINUM

CRYOPUMPING

RT CRYOCYCLE PRINCIPLE
CRYOGENIC FLUIDS
CRYOGENICS
∞ PUMPING
VACUUM PUMPS

CRYOSAR

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
AVALANCHE DIODES

NASA THESAURUS (VOLUME 1)

CRYOSAR-(CONT)

CRYOSAR

RECTIFIERS
AVALANCHE DIODES
CRYOSAR
RT BARRITT DIODES
COMPUTER STORAGE DEVICES
CRYOGENICS

CRYOSORPTION

USE SORPTION

CRYOSTATS

GS CONTROL EQUIPMENT
CRYOSTATS
RT CONTROLLERS
CRYOGENICS
ELECTRIC SWITCHES
HIGH TEMPERATURE TESTS
LIQUID HELIUM
LIQUID HELIUM 2
LOW TEMPERATURE TESTS
REGULATORS
TEMPERATURE CONTROL
THERMOSTATS

CRYOTRAPPING

GS TRAPPING
CRYOTRAPPING
RT COLD TRAPS

CRYOTRONS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
CRYOTRONS
SWITCHES
ELECTRIC SWITCHES
CRYOTRONS
RT CRYOGENIC COMPUTER STORAGE
CRYOGENICS
SUPERCONDUCTIVITY
SUPERCONDUCTORS

CRYPTOGRAPHY

RT ∞ CODES
CODING
COMPUTER INFORMATION SECURITY
DECODING
INFORMATION THEORY
MESSAGE PROCESSING

CRYSTAL DEFECTS

UF LATTICE IMPERFECTIONS
STACKING FAULTS
GS DEFECTS
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
SCREW DISLOCATIONS
POINT DEFECTS
VACANCIES (CRYSTAL DEFECTS)
FRENKEL DEFECTS
RT CRYSTALLOGRAPHY
HOLES (ELECTRON DEFICIENCIES)
IMPURITIES
INTERSTITIALS
LATTICE VIBRATIONS
MECHANICAL TWINNING
ORDER-DISORDER TRANSFORMATIONS
PINNING
POLYGONIZATION
STACKING FAULT ENERGY
STACKS
SURFACE DEFECTS
TRAPPING
TWINNING

CRYSTAL DISLOCATIONS

GS DEFECTS
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
SCREW DISLOCATIONS
DISLOCATIONS (MATERIALS)
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
SCREW DISLOCATIONS
RT FATIGUE (MATERIALS)
GRAIN BOUNDARIES
PINNING
POINT DEFECTS
SUPERLATTICES
SUPERPLASTICITY
SURFACE DEFECTS

CRYSTAL FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
 - BANDPASS FILTERS
 - CRYSTAL FILTERS**
 - ELECTRIC FILTERS
 - CRYSTAL FILTERS**
- RT BANDSTOP FILTERS
 - ∞ FILTERS
 - INTERMEDIATE FREQUENCY AMPLIFIERS
 - RADIO EQUIPMENT
 - RADIO FILTERS

CRYSTAL GROWTH

- GS GROWTH
 - CRYSTAL GROWTH**
 - CZOCHEWSKI METHOD
 - DIRECTIONAL SOLIDIFICATION (CRYSTALS)
 - EPITAXY
 - ELECTROEPITAXY
 - LIQUID PHASE EPITAXY
 - MOLECULAR BEAM EPITAXY
 - VAPOR PHASE EPITAXY
 - HYDROTHERMAL CRYSTAL GROWTH
 - TRAVELING SOLVENT METHOD
 - VERNEUIL PROCESS
- RT AITKEN NUCLEI
 - BRAVAIS CRYSTALS
 - BRIDGMAN METHOD
 - CONTAINERLESS MELTS
 - CRYSTALLIZATION
 - CRYSTALLOGRAPHY
 - CRYSTALS
 - DOPED CRYSTALS
 - FLOAT ZONES
 - INOCULATION
 - MECHANICAL TWINNING
 - MELTS (CRYSTAL GROWTH)
 - NUCLEATION
 - POLYGONIZATION
 - RAPID QUENCHING (METALLURGY)
 - SPACE PROCESSING
 - TWINNING
 - VAPOR DEPOSITION

CRYSTAL LATTICES

- GS **CRYSTAL LATTICES**
 - BODY CENTERED CUBIC LATTICES
 - CLOSE PACKED LATTICES
 - CUBIC LATTICES
 - FACE CENTERED CUBIC LATTICES
 - SUPERLATTICES
- RT ATOMIC STRUCTURE
 - BRAVAIS CRYSTALS
 - BRILLOUIN ZONES
 - CHEMICAL BONDS
 - CRYSTALLOGRAPHY
 - CRYSTALS
 - EPITAXY
 - GEOMETRY
 - GRAPHOEPIITAXY
 - HEXAGONAL CELLS
 - IONIC CRYSTALS
 - ISOMORPHISM
 - KOSSEL PATTERN
 - LATTICE PARAMETERS
 - LATTICE VIBRATIONS
 - ∞ LATTICES
 - LAUE METHOD
 - METAL CRYSTALS
 - METALLOGRAPHY
 - MOLECULAR CHAINS
 - MOLECULAR STRUCTURE
 - MOSSBAUER EFFECT
 - ORDER-DISORDER TRANSFORMATIONS
 - PARTICLE IN CELL TECHNIQUE
 - PATTERSON MAP
 - POLYMORPHISM
 - RAPID QUENCHING (METALLURGY)
 - SINGLE CRYSTALS
 - SYNTHETIC METALS
 - ULTRAPURE METALS

CRYSTAL OPTICS

- RT ABERRATION
 - ACOUSTO-OPTICS
 - DIFFRACTION
 - DOPED CRYSTALS
 - FIBER OPTICS
 - GEOMETRICAL OPTICS
 - ∞ OPTICS
 - PHASE MATCHING
 - PHYSICAL OPTICS

CRYSTAL OSCILLATORS

- GS CRYSTALS
 - CRYSTAL OSCILLATORS**
 - PIEZOELECTRIC CRYSTALS
 - OSCILLATORS
 - CRYSTAL OSCILLATORS**
- RT ELECTRICAL PROPERTIES
 - FREQUENCY CONTROL
 - FREQUENCY STABILITY
 - OSCILLATIONS
 - PIEZOELECTRICITY

CRYSTAL RECTIFIERS

- UF SILICON RECTIFIERS
- GS ELECTRONIC EQUIPMENT
 - DIODES
 - CRYSTAL RECTIFIERS**
 - SOLID STATE DEVICES
 - CRYSTAL RECTIFIERS**
 - RECTIFIERS
 - CRYSTAL RECTIFIERS**
- RT CURRENT CONVERTERS (AC TO DC)
 - SEMICONDUCTOR DEVICES

CRYSTAL STRUCTURE

- SN (AGGLOMERATIONS OF CRYSTALS--EXCLUDES CRYSTAL LATTICES)
- GS **CRYSTAL STRUCTURE**
 - WIDMANSTATTEN STRUCTURE
- RT ABRIKOSOV THEORY
 - ALLOTROPY
 - ANISOTROPY
 - BRAVAIS CRYSTALS
 - CLATHRATES
 - CRYSTALLINITY
 - CRYSTALLITES
 - CRYSTALS
 - DOPED CRYSTALS
 - EPITAXY
 - GRAPHOEPIITAXY
 - INTERSTITIALS
 - ISOMORPHISM
 - ISOTROPY
 - LIQUID PHASE EPITAXY
 - MECHANICAL TWINNING
 - METAL CRYSTALS
 - MICROSTRUCTURE
 - ORDER-DISORDER TRANSFORMATIONS
 - PACKING DENSITY
 - PATTERSON MAP
 - PHONONS
 - POLYCRYSTALS
 - POLYMORPHISM
 - RAPID QUENCHING (METALLURGY)
 - SPHERULITES
 - ∞ STRUCTURES
 - SUPERLATTICES
 - TWINNING
 - VAPOR PHASE EPITAXY

CRYSTAL SURFACES

- GS SOLID SURFACES
 - CRYSTAL SURFACES**
- RT METAL SURFACES
 - SURFACE LAYERS
 - ∞ SURFACES

CRYSTALLINITY

- RT AMORPHOUS MATERIALS
 - CRYSTAL STRUCTURE

CRYSTALLITES

- GS CRYSTALS
 - CRYSTALLITES**
 - SPHERULITES
- RT CRYSTAL STRUCTURE
 - MICROCRYSTALS
 - MINERALS
 - ROSETTE SHAPES

CRYSTALLIZATION

- UF DEVITRIFICATION
- GS **CRYSTALLIZATION**
 - DIRECTIONAL SOLIDIFICATION (CRYSTALS)
 - MELT SPINNING
 - RECRYSTALLIZATION
- RT AGGLOMERATION
 - CONCENTRATING
 - CONTAINERLESS MELTS
 - CRYSTAL GROWTH
 - DEMINERALIZING
 - FREEZING
 - INOCULATION
 - LIQUIDUS

CRYSTALLIZATION-(CONT)

- MATERIALS RECOVERY
- MELTS (CRYSTAL GROWTH)
- MODULATION
- NUCLEATION
- PHASE TRANSFORMATIONS
- PRECIPITATION (CHEMISTRY)
- PURIFICATION
- REFINING
- ∞ SEPARATION
- SETTLING
- SOLID STATE
- SOLIDIFICATION
- SUBLIMATION
- SUPERCOOLING
- SUPERSATURATION
- ZONE MELTING

CRYSTALLOGRAPHY

- RT BRAGG ANGLE
 - CRYSTAL DEFECTS
 - CRYSTAL GROWTH
 - CRYSTAL LATTICES
 - CRYSTALS
 - DEBYE-SCHERRER METHOD
 - DIRECTIVITY
 - ISOTROPY
 - LAMELLA (METALLURGY)
 - LATTICE PARAMETERS
 - LAUE METHOD
 - METALLOGRAPHY
 - ∞ METALLURGY
 - MICROBEAMS
 - MICROSTRUCTURE
 - MINERALOGY
 - NEUTRON DIFFRACTION
 - ORDER-DISORDER TRANSFORMATIONS
 - ∞ ORIENTATION
 - RADIOGRAPHY
 - ∞ SOLID STATE PHYSICS
 - X RAY ANALYSIS
 - X RAY DIFFRACTION

CRYSTALS

- GS **CRYSTALS**
 - BICRYSTALS
 - BOULES
 - BRAVAIS CRYSTALS
 - CREATINE
 - CRYSTAL OSCILLATORS
 - PIEZOELECTRIC CRYSTALS
 - CRYSTALLITES
 - SPHERULITES
 - DENDRITIC CRYSTALS
 - DOPED CRYSTALS
 - IONIC CRYSTALS
 - LIQUID CRYSTALS
 - METAL CRYSTALS
 - MICROCRYSTALS
 - MIXED CRYSTALS
 - POLYCRYSTALS
 - QUARTZ CRYSTALS
 - SINGLE CRYSTALS
 - WHISKERS (CRYSTALS)
- RT ANISOTROPY
 - BODY CENTERED CUBIC LATTICES
 - CLATHRATES
 - CONTAINERLESS MELTS
 - CRYSTAL GROWTH
 - CRYSTAL LATTICES
 - CRYSTAL STRUCTURE
 - CRYSTALLOGRAPHY
 - ELECTROEPITAXY
 - FACE CENTERED CUBIC LATTICES
 - ∞ GRAINS
 - ISOTROPY
 - PACKING DENSITY
 - PHASE MATCHING
 - RUBY
 - SPHERULES

CSM

- USE COMMAND SERVICE MODULES

CT-114 AIRCRAFT

- USE CL-41 AIRCRAFT

CTD

- USE CHARGE TRANSFER DEVICES

CUBA

- GS LANDFORMS
 - ISLANDS
 - WEST INDIES
 - CUBA

CUBANE

CUBA-(CONT)
 NATIONS
CUBA
 RT CARIBBEAN REGION
 CARIBBEAN SEA

CUBANE
 GS HYDROCARBONS
CUBANE

CUBES (MATHEMATICS)
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYHEDRONS
CUBES (MATHEMATICS)
 RT BLOCKS

CUBIC EQUATIONS
 GS ALGEBRA
 NONLINEAR EQUATIONS
CUBIC EQUATIONS
 ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 NONLINEAR EQUATIONS
CUBIC EQUATIONS
 FIELD THEORY (ALGEBRA)
CUBIC EQUATIONS
 RT ∞ EQUATIONS
 POLYNOMIALS

CUBIC LATTICES
 GS CRYSTAL LATTICES
CUBIC LATTICES
 FACE CENTERED CUBIC LATTICES

CUES
 RT AUDITORY SIGNALS
 VISUAL SIGNALS

CUESTAS
 USE RIDGES

CUFFS
 RT CLOTHING
 SEALS (STOPPERS)

CULTIVATION
 GS **CULTIVATION**
 PLOWING
 RT AMMONIA
 AMMONIUM NITRATES
 ASHES
 CULTURE TECHNIQUES
 FERTILIZERS
 PLANTING
 SILVICULTURE
 SOILS
 TISSUES (BIOLOGY)

CULTURAL RESOURCES
 RT ARCHAEOLOGY
 HUMAN BEINGS

CULTURE (SOCIAL SCIENCES)
 RT AMERICAN INDIANS
 ANTHROPOLOGY
 ARTIFACTS
 ESKIMOS
 ETHNIC FACTORS
 GOVERNMENTS
 MINORITIES
 POLITICS
 RACE FACTORS
 RACES
 REGIMES
 SOCIAL FACTORS
 SOCIOLOGY

CULTURE TECHNIQUES
 RT CULTIVATION
 MICROBIOLOGY

CUMULATIVE DAMAGE
 GS DAMAGE
CUMULATIVE DAMAGE
 RT COMPONENT RELIABILITY
 DEFECTS
 DEGRADATION
 DURABILITY
 FAILURE
 OPERATIONAL HAZARDS
 RELIABILITY
 STRUCTURAL RELIABILITY
 WEAR TESTS

CUMULONIMBUS CLOUDS
 GS CLOUDS
 CLOUDS (METEOROLOGY)
 CONVECTION CLOUDS
CUMULONIMBUS CLOUDS
 ARC CLOUDS
 RT CUMULUS CLOUDS
 NIMBOSTRATUS CLOUDS
 PRECIPITATION (METEOROLOGY)
 THUNDERSTORMS
 TORNADOES

CUMULUS CLOUDS
 GS CLOUDS
 CLOUDS (METEOROLOGY)
CUMULUS CLOUDS
 RT CUMULONIMBUS CLOUDS
 STRATOCUMULUS CLOUDS

∞ **CUPOLAS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DOMES (STRUCTURAL FORMS)
 FURNACES
 GUN TURRETS

CURARE
 GS POISONS
CURARE
 RT ALKALOIDS
 ANTICHOLINERGICS
 ∞ POISONING
 TOXICOLOGY

CURES
 RT DISEASES
 DRUGS
 FIRST AID
 HEALING
 THERAPY

CURIE TEMPERATURE
 GS MAGNETIC PROPERTIES
CURIE TEMPERATURE
 TEMPERATURE
 RT **CURIE TEMPERATURE**
 DIAMAGNETISM
 ELECTRETS
 FERROELECTRICITY
 FERROMAGNETISM
 ULTRALOW TEMPERATURES

CURIE-WEISS LAW
 RT FERROMAGNETISM
 MAGNETIC PERMEABILITY
 MAGNETIC PROPERTIES
 PARAMAGNETISM

CURING
 RT ALFALFA
 AUTOCLAVING
 CITRUS TREES
 CORN
 CROSSLINKING
 DEGRADATION
 DRYING
 FARM CROPS
 OATS
 ORCHARDS
 PRESERVING
 ∞ SETTING
 VULCANIZING
 WEATHERING

CURIUM
 GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
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CURIUM
 CURIUM ISOTOPES
 HEAVY ELEMENTS
 TRANSURANIUM ELEMENTS
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CURIUM-(CONT)
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 ACTINIDE SERIES
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CURIUM COMPOUNDS
 GS ACTINIDE SERIES COMPOUNDS
CURIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS

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 GS CHEMICAL ELEMENTS
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CURIUM 244
 GS CHEMICAL ELEMENTS
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 NUCLIDES
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 RADIOACTIVE ISOTOPES
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 CURIUM
 CURIUM ISOTOPES
 HEAVY ELEMENTS
 TRANSURANIUM ELEMENTS
 CURIUM
 CURIUM ISOTOPES
CURIUM 244
 METALS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
 CURIUM
 CURIUM ISOTOPES
CURIUM 244

NASA THESAURUS (VOLUME 1)

CUSPS (MATHEMATICS)

∞ CURL
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CURL (MATERIALS)
 CURL (VECTORS)

CURL (MATERIALS)
RT ∞CURL
 DIMENSIONAL STABILITY
 FOLDING
 ∞MATERIALS
 TEXTURES

CURL (VECTORS)
GS ANALYSIS (MATHEMATICS)
 CALCULUS
 VECTOR ANALYSIS
CURL (VECTORS)
 VORTICITY
 REAL VARIABLES
 VECTOR ANALYSIS
CURL (VECTORS)
 VORTICITY
 GEOMETRY
 VECTOR ANALYSIS
CURL (VECTORS)
 VORTICITY
RT ∞CURL

CURRENT ALGEBRA
GS ALGEBRA
CURRENT ALGEBRA
RT ∞MATHEMATICS
 NUCLEAR PHYSICS
 VECTOR CURRENTS

CURRENT AMPLIFIERS
GS AMPLIFIERS
CURRENT AMPLIFIERS
 PHOTOMULTIPLIER TUBES
 FREQUENCY MODULATION
 PHOTOMULTIPLIERS
RT TRANSISTOR AMPLIFIERS
 VOLTAGE AMPLIFIERS

CURRENT CONVERTERS (AC TO DC)
RT ALTERNATING CURRENT
 ∞CONVERTERS
 CRYSTAL RECTIFIERS
 DIRECT CURRENT
 ELECTRIC CURRENT
 INVERTED CONVERTERS (DC TO AC)
 RECTIFIERS
 SILICON CONTROLLED RECTIFIERS
 THYRATRONS

CURRENT DENSITY
GS RATES (PER TIME)
 FLUX DENSITY
CURRENT DENSITY
RT ELECTRIC CURRENT
 ELECTROLYSIS
 ELECTROPLATING
 FINNING

CURRENT DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
CURRENT DISTRIBUTION
RT CHARGE DISTRIBUTION
 ELECTRON DISTRIBUTION
 ∞HOLE DISTRIBUTION
 HOLE DISTRIBUTION (ELECTRONICS)
 ION DISTRIBUTION
 MAGNETIC ANNULAR ARC
 NEUTRAL CURRENTS

CURRENT REGULATORS
UF CURRENT STABILIZERS
GS REGULATORS
CURRENT REGULATORS
RT CIRCUIT PROTECTION
 CONTROLLERS
 ELECTRIC CURRENT
 ∞ELECTRIC EQUIPMENT
 ELECTRIC SWITCHES
 ELECTRONIC CONTROL
 LIMITER CIRCUITS
 POWER FACTOR CONTROLLERS
 POWER SUPPLY CIRCUITS
 SWITCHING CIRCUITS
 TRANSMISSION LOSS
 VOLTAGE REGULATORS

CURRENT SHEETS
RT ANTENNAS
 ELECTRIC CURRENT
 MAGNETIC FLUX
 ∞SHEETS

CURRENT STABILIZERS
USE CURRENT REGULATORS

∞ CURRENTS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIR CURRENTS
 AIR FLOW
 BEAM CURRENTS
 CIRCULATION
 COASTAL CURRENTS
 ELECTRIC CURRENT
 EXTERNAL SURFACE CURRENTS
 FLUID FLOW
 OCEAN CURRENTS
 WATER CURRENTS

CURRENTS (OCEANOGRAPHY)
USE WATER CURRENTS

CURTAINS
RT ∞BARRIERS
 DIVIDERS
 DOORS
 ENTRANCES
 OPENINGS
 ∞PARTITIONS
 PARTITIONS (STRUCTURES)
 ∞SCREENS
 SEPARATORS
 WALLS
 WINDOWS (APERTURES)

CURTISS C-46 AIRCRAFT
USE C-46 AIRCRAFT

CURTISS-WRIGHT AIRCRAFT
UF CURTISS-WRIGHT MILITARY AIRCRAFT
GS CURTISS-WRIGHT AIRCRAFT
 C-46 AIRCRAFT
 X-19 AIRCRAFT
RT ∞AIRCRAFT

CURTISS-WRIGHT MILITARY AIRCRAFT
USE CURTISS-WRIGHT AIRCRAFT
 MILITARY AIRCRAFT

CURVATURE
GS GEOMETRY
CURVATURE
RT CAMBER
 ∞CURVES
 CURVES (GEOMETRY)
 DIFFERENTIAL GEOMETRY
 FLEXING
 ∞PROFILES
 SHAPES
 ZERO FORCE CURVES

CURVE FITTING
RT DATA COMPRESSION
 DATA SMOOTHING
 FORECASTING
 LEAST SQUARES METHOD
 MINIMAX TECHNIQUE
 SADDLE POINTS
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS
 TIME SERIES ANALYSIS

CURVED BEAMS
GS STRUCTURAL MEMBERS
 BEAMS (SUPPORTS)
CURVED BEAMS
RT CAMBER
 I BEAMS

CURVED PANELS
GS PANELS
CURVED PANELS
RT CONTOURS
 SHAPES
 WING PANELS

CURVED SURFACES
USE CONTOURS
 SHAPES
 SURFACES

∞ CURVES
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CURVATURE
 GRAPHS (CHARTS)
 LEARNING CURVES
 LIGHT CURVE
 TOROIDS
 TRAJECTORIES
 ZERO FORCE CURVES

CURVES (GEOMETRY)
UF HELIXES
GS GEOMETRY
CURVES (GEOMETRY)
 CATENARIES
 CYCLOIDS
 EPICYCLOIDS
 S CURVES
 GOMPERTZ CURVES
RT ANALYTIC GEOMETRY
 ∞ARCS
 CHORDS (GEOMETRY)
 CIRCLES (GEOMETRY)
 CURVATURE
 CUSPS (MATHEMATICS)
 DIFFERENTIAL GEOMETRY
 EUCLIDEAN GEOMETRY
 GEODESIC LINES
 HOMOTOPY THEORY
 INFLECTION POINTS
 LINE SHAPE
 MANIFOLDS (MATHEMATICS)
 MENISCI
 SEGMENTS
 ∞SPIRALS

CURVILINEAR COORDINATES
USE SPHERICAL COORDINATES

CUSHIONCRAFT GROUND EFFECT MACHINE
GS GROUND EFFECT MACHINES
CUSHIONCRAFT GROUND EFFECT MACHINE
RT HOVERING
 VERTICAL TAKEOFF AIRCRAFT

CUSHIONS
RT AIR CUSHION LANDING SYSTEMS
 BUMPERS
 COUCHES
 GROUND EFFECT (AERODYNAMICS)
 HYDRAULIC EQUIPMENT
 ∞PAD
 PILLOWS
 PNEUMATIC EQUIPMENT
 SEATS
 SHOCK ABSORBERS
 VIBRATION ISOLATORS

∞ CUSPS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CUSPS (LANDFORMS)
 CUSPS (MATHEMATICS)
 DOUBLE CUSPS
 POLAR CUSPS

CUSPS (LANDFORMS)
GS LANDFORMS
CUSPS (LANDFORMS)
RT BEACHES
 COASTS
 ∞CUSPS
 TOPOGRAPHY

CUSPS (MATHEMATICS)
GS GEOMETRY
CUSPS (MATHEMATICS)
 DOUBLE CUSPS
RT CURVES (GEOMETRY)
 ∞CUSPS
 EPICYCLOIDS
 MAXIMA
 MINIMA

CUT-OFF

∞ CUT-OFF

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BURNOUT
ENGINE FAILURE
MACHINING

CUT-OUTS

USE OPENINGS

CUTANEOUS PERCEPTION

USE TOUCH

CUTTERS

SN (EXCLUDES SHIPS)
GS **CUTTERS**
BLADES (CUTTERS)
RAZOR BLADES
DRILL BITS
DRILLS
SAWS
SHEARS
RT CUTTING
DIES
LASER CUTTING
MACHINE TOOLS
SCRAPERS
TAPS
TOOLS

CUTTING

GS **CUTTING**
BLANKING (CUTTING)
LASER CUTTING
METAL CUTTING
MILLING (MACHINING)
PLANING
SCARFING
SHEARING
SLICING
SPARK MACHINING
RT ABRASION
CHIPPING
COMMINUTION
CUTTERS
DRILLING
FLAKING
FORMING TECHNIQUES
FRACTURING
GRINDING (MATERIAL REMOVAL)
GROOVING
MACHINING
PEELING
PERFORATING
PIERCING
∞ SEPARATION
SHREDDING
SPLITTING
TORCHES

CV-2 AIRCRAFT

USE DHC 4 AIRCRAFT

CV-7 AIRCRAFT

USE DHC 5 AIRCRAFT

CV-340 AIRCRAFT

UF CONVAIR 340 AIRCRAFT
GS COMMERCIAL AIRCRAFT
CV-340 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CV-340 AIRCRAFT
MONOPLANES
CV-340 AIRCRAFT
PASSENGER AIRCRAFT
CV-340 AIRCRAFT
RT ∞ AIRCRAFT

CV-440 AIRCRAFT

UF CONVAIR 440 AIRCRAFT
METROPOLITAN AIRCRAFT
GS COMMERCIAL AIRCRAFT
CV-440 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CV-440 AIRCRAFT
MONOPLANES
CV-440 AIRCRAFT
PASSENGER AIRCRAFT
CV-440 AIRCRAFT
RT ∞ AIRCRAFT

CV-880 AIRCRAFT

UF CONVAIR 880 AIRCRAFT

CV-880 AIRCRAFT-(CONT)

GS COMMERCIAL AIRCRAFT
CV-880 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CV-880 AIRCRAFT
JET AIRCRAFT
CV-880 AIRCRAFT
MONOPLANES
CV-880 AIRCRAFT
PASSENGER AIRCRAFT
CV-880 AIRCRAFT
TRANSPORT AIRCRAFT
CV-880 AIRCRAFT
RT ∞ AIRCRAFT

CV-990 AIRCRAFT

UF CONVAIR 990 AIRCRAFT
GS COMMERCIAL AIRCRAFT
CV-990 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
CV-990 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
CV-990 AIRCRAFT
MONOPLANES
CV-990 AIRCRAFT
PASSENGER AIRCRAFT
CV-990 AIRCRAFT
RT ∞ AIRCRAFT

CW RADAR

USE CONTINUOUS WAVE RADAR

CYANAMIDES

GS ALIPHATIC COMPOUNDS
CYANAMIDES
NITROGEN COMPOUNDS
AMIDES
CYANAMIDES
CYANO COMPOUNDS
CYANAMIDES

CYANATES

RT ESTERS
URETHANES

CYANIDE EMISSION

USE CN EMISSION

CYANIDES

GS **CYANIDES**
CYANOGEN
IRON CYANIDES
MALONONITRILE
RT ALIPHATIC COMPOUNDS
CYANO COMPOUNDS
NITROGEN COMPOUNDS

CYANO COMPOUNDS

GS NITROGEN COMPOUNDS
CYANO COMPOUNDS
CYANAMIDES
ISOCYANATES
DIISOCYANATES
FULMINATES
RT ∞ CHEMICAL COMPOUNDS
CYANIDES
NITRILES

CYANOCOBALAMIN

UF VITAMIN B 12
GS HETEROCYCLIC COMPOUNDS
CYANOCOBALAMIN
VITAMINS
CYANOCOBALAMIN

CYANOGEN

GS ALIPHATIC COMPOUNDS
CYANOGEN
CYANIDES
CYANOGEN

CYANOPHYTA

USE BLUE GREEN ALGAE

CYANOSIS

GS DISEASES
CYANOSIS
RT BLOOD CIRCULATION
HEART FUNCTION

CYANURATES

GS ESTERS
CYANURATES

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CYANURATES-(CONT)

HETEROCYCLIC COMPOUNDS
AZINES
CYANURATES
PYRAZINES
AZINES
CYANURATES

CYANURIC ACID

GS ACIDS
CYANURIC ACID
ALIPHATIC COMPOUNDS
TRIOLS
CYANURIC ACID
HETEROCYCLIC COMPOUNDS
AZINES
CYANURIC ACID
HYDROXYL COMPOUNDS
ALCOHOLS
TRIOLS
CYANURIC ACID
PYRAZINES
AZINES
CYANURIC ACID

CYBER 74 COMPUTER

USE CDC CYBER 74 COMPUTER

CYBERNETICS

RT ADAPTIVE CONTROL
AUTOMATA THEORY
∞ AUTOMATION
BIONICS
COMMUNICATION THEORY
COMPUTERS
∞ CONTROL
CONTROL SYSTEMS DESIGN
CONTROLLERS
DEPERSONALIZATION
FEEDBACK
HUMAN FACTORS ENGINEERING
INFORMATION THEORY
LEARNING MACHINES
MAN MACHINE SYSTEMS
MANAGEMENT
NEURAL NETS
PSYCHOLOGY
∞ SYSTEMS
SYSTEMS ENGINEERING

CYCLES

UF CYCLING
PERIODIC PROCESSES
GS **CYCLES**
ACTIVITY CYCLES (BIOLOGY)
CARBON CYCLE
SOLAR CYCLES
SUNSPOT CYCLE
STRESS CYCLES
THERMODYNAMIC CYCLES
BRAYTON CYCLE
CARNOT CYCLE
OTTO CYCLE
RANKINE CYCLE
STIRLING CYCLE
WORK-REST CYCLE
RT ALTERNATIONS
AMPLITUDES
ANNUAL VARIATIONS
CYCLIC LOADS
DIURNAL VARIATIONS
FATIGUE (MATERIALS)
FREQUENCY DISTRIBUTION
HARMONICS
INTERMITTENCY
LONG TERM EFFECTS
PERIODIC VARIATIONS
∞ PHASES
RECIPROCATION
RHYTHM (BIOLOGY)
STARTING
SUPERHARMONICS

CYCLIC ACCELERATORS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
BETATONS
SYNCHROCYCLOTRONS
SYNCHROTRONS
BEVATRON
STORAGE RINGS (PARTICLE
ACCELERATORS)
RT ∞ ACCELERATORS

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CYLINDRICAL PLASMAS

CYCLIC ADENOSINE MONOPHOSPHATE
USE CYCLIC AMP

CYCLIC AMP
UF CYCLIC ADENOSINE MONOPHOSPHATE
GS HETEROCYCLIC COMPOUNDS

ADENOSINES
CYCLIC AMP
ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC AMP
NUCLEOTIDES
ADENOSINES
CYCLIC AMP
PHOSPHORUS COMPOUNDS
PHOSPHATES
CYCLIC AMP
PROTEINS
NUCLEOTIDES
ADENOSINES
CYCLIC AMP
RT ADRENERGICS
ALKYNES
AMINO ACIDS
CHOLINERGICS
GUANINES
PHARMACOLOGY

CYCLIC COMPOUNDS
GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC AMP
RT ∞CHEMICAL COMPOUNDS
ORGANIC CHEMISTRY

CYCLIC HYDROCARBONS
GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
ANTHRACENE
COLCHICINE
CYCLOBUTANE
CYCLOPROPANE
MENTHOL
NAPHTHENES
HYDROCARBONS
CYCLIC HYDROCARBONS
ANTHRACENE
COLCHICINE
CYCLOBUTANE
CYCLOPROPANE
MENTHOL
NAPHTHENES
RT ALKYNES

CYCLIC LOADS
SN (LIMITED TO FORCE LOADS)
GS LOADS (FORCES)
DYNAMIC LOADS
CYCLIC LOADS
RT CYCLES
ELBER EQUATION
INELASTIC STRESS
S-N DIAGRAMS
STRESS CYCLES
STRUCTURAL DESIGN CRITERIA
TRANSIENT LOADS
VIBRATION
VIBRATORY LOADS

CYCLING
USE CYCLES

CYCLOBUTANE
GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
CYCLOBUTANE
HYDROCARBONS
CYCLIC HYDROCARBONS
CYCLOBUTANE

CYCLOGENESIS
GS STORMS
CYCLONES
CYCLOGENESIS
WIND (METEOROLOGY)
CYCLOGENESIS

CYCLOHEXANE
GS HYDROCARBONS
CYCLOHEXANE
RT BENZENE
HEXENES
HYDROGENATION

CYCLOIDS
GS GEOMETRY
CURVES (GEOMETRY)
CYCLOIDS
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CYCLOIDS

CYCLONES
SN (METEOROLOGICAL-EXCLUDES
EQUIPMENT)
GS STORMS
CYCLONES
CYCLOGENESIS
HURRICANES
ANNA HURRICANE
TYPHOONS
RT ANTICYCLONES
ATMOSPHERIC PRESSURE
BAROCLINIC WAVES
GROUND WIND
LOW PRESSURE
METEOROLOGY
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
SYNOPTIC METEOROLOGY
TORNADOES
TROPICAL STORMS
WIND (METEOROLOGY)

CYCLONES (EQUIPMENT)
USE CENTRIFUGES

CYCLOPROPANE
GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
CYCLOPROPANE
DRUGS
ANESTHETICS
CYCLOPROPANE
HYDROCARBONS
CYCLIC HYDROCARBONS
CYCLOPROPANE
RT PROPANE

CYCLOPS PLASMA ACCELERATOR
GS PLASMA ACCELERATORS
CYCLOPS PLASMA ACCELERATOR
RT ∞ACCELERATORS
PLASMAS (PHYSICS)

CYCLOTETRAMETHYLENE TETRANITRAMINE
USE HMX

CYCLOTETRAMETHYLENE TRINITRAMINE
USE RDX

CYCLOTRON FREQUENCY
GS FREQUENCIES
CYCLOTRON FREQUENCY
RT CHARGED PARTICLES
LARMOR PRECESSION

CYCLOTRON RADIATION
GS ELECTROMAGNETIC RADIATION
CYCLOTRON RADIATION
PARTICLES
CORPUSCULAR RADIATION
CYCLOTRON RADIATION
ION CYCLOTRON RADIATION
RT CHARGED PARTICLES
LARMOR PRECESSION
LARMOR RADIUS
∞RADIATION

CYCLOTRON RESONANCE
GS RESONANCE
CYCLOTRON RESONANCE
RT CHARGED PARTICLES
DIAMAGNETISM
ENERGY TRANSFER
FERMI SURFACES
ION CYCLOTRON RADIATION
PLASMA RESONANCE

CYCLOTRON RESONANCE DEVICES
UF GYROTRONS
GS MEASURING INSTRUMENTS
RESONANCE PROBES
CYCLOTRON RESONANCE DEVICES
RT CAVITY RESONATORS
∞DEVICES
KLYSTRONS
MILLIMETER WAVES

CYCLOTRON RESONANCE DEVICES-(CONT)
POWER AMPLIFIERS
TRAVELING WAVE TUBES

CYCLOTRONS
UF CALUTRONS
GS PARTICLE ACCELERATORS
CYCLOTRONS
GEOCYCLOTRONS
MICROTRONS
OAK RIDGE ISOCRONOUS
CYCLOTRON
OMEGATRONS
SYNCHROCYCLOTRONS
RT SYNCHROTRONS

CYGNUS CONSTELLATION
GS CONSTELLATIONS
CYGNUS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

∞ CYLINDERS
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ANALYTIC GEOMETRY
CIRCULAR CYLINDERS
CONCENTRIC CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL CHAMBERS
CYLINDRICAL SHELLS
∞DRUMS
DRUMS (CONTAINERS)
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
HEMISPHERE CYLINDER BODIES
MONOCOQUE STRUCTURES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
ROTATING CYLINDERS
VISCOELASTIC CYLINDERS

CYLINDRICAL AFTERBODIES
USE AFTERBODIES
CYLINDRICAL BODIES

CYLINDRICAL ANTENNAS
GS ANTENNAS
CYLINDRICAL ANTENNAS
RT ANTENNA RADIATION PATTERNS
RADIO EQUIPMENT
SATELLITES

CYLINDRICAL BODIES
UF CYLINDRICAL AFTERBODIES
CYLINDROIDS
GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
CYLINDRICAL BODIES
ROTATING CYLINDERS
RT AFTERBODIES
AIRY FUNCTION
CENTERBODIES
CIRCULAR CYLINDERS
∞CYLINDERS
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
FOREBODIES
FUSELAGES
HEMISPHERE CYLINDER BODIES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
ROLLERS
VISCOELASTIC CYLINDERS

CYLINDRICAL CHAMBERS
RT BRAKES (FOR ARRESTING MOTION)
∞CHAMBERS
∞CYLINDERS

CYLINDRICAL COORDINATES
USE CARTESIAN COORDINATES

CYLINDRICAL PLASMAS
GS FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
MAGNETOHYDRODYNAMICS
CYLINDRICAL PLASMAS
PARTICLES

CYLINDRICAL SHELLS

CYLINDRICAL PLASMAS-(CONT)

CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
CYLINDRICAL PLASMAS
PLASMA CYLINDERS
CYLINDRICAL PLASMAS
RT PINCH EFFECT

CYLINDRICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
CYLINDRICAL SHELLS
RT CIRCULAR CYLINDERS
CIRCULAR SHELLS
CIRCULAR TUBES
CONCENTRIC CYLINDERS
CYLINDERS
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
METAL SHELLS
ORTHOTROPIC CYLINDERS
ORTHOTROPIC SHELLS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
REINFORCED SHELLS
ROTATING CYLINDERS
THIN WALLED SHELLS
VISCOELASTIC CYLINDERS

CYLINDRICAL TANKS

GS TANKS (CONTAINERS)
CYLINDRICAL TANKS
RT FUEL TANKS
PROPELLANT TANKS
STORAGE TANKS

CYLINDRICAL WAVES

RT AXISYMMETRIC FLOW
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
PLANE WAVES
SPHERICAL WAVES
WAVES

CYLINDROIDS

USE CYLINDRICAL BODIES

CYPRUS

GS LANDFORMS
ISLANDS
CYPRUS
NATIONS
CYPRUS
RT GREECE

CYRILLID METEOROIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
CYRILLID METEOROIDS
METEOROIDS
BOLIDES
CYRILLID METEOROIDS
RT NATURAL SATELLITES
TEKTITES

CYSTEAMINE

GS AMINES
CYSTEAMINE
ENZYMES
COENZYMES
CYSTEAMINE
RT AMINO ACIDS
PROTEINS

CYSTEINE

GS ACIDS
AMINO ACIDS
CYSTEINE
ALIPHATIC COMPOUNDS
THIOLS
CYSTEINE
DRUGS
CYSTEINE
ORGANIC COMPOUNDS
AMINO ACIDS
CYSTEINE
SULFUR COMPOUNDS
THIOLS
CYSTEINE
RT PROTEINS

CYSTIC FIBROSIS

GS DISEASES
FIBROSIS

CYSTIC FIBROSIS-(CONT)

RT TISSUES (BIOLOGY)

CYSTS

GS CYSTS
MUCOCELES
RT NEOPLASMS
TISSUES (BIOLOGY)
TUMORS

CYTIDYLIC ACID

GS ACIDS
CYTIDYLIC ACID
HETEROCYCLIC COMPOUNDS
CYTIDYLIC ACID

CYTOCHROMES

GS PIGMENTS
CYTOCHROMES
RT CYTOGENESIS
SKIN (ANATOMY)

CYTOGENESIS

RT BIOLOGY
CELLS (BIOLOGY)
CYTOCHROMES
CYTOLOGY
CYTOPLASM
DIFFERENTIATION (BIOLOGY)
GENETICS
HEREDITY

CYTOLOGY

RT BIOCHEMISTRY
BIOLOGY
CELLS (BIOLOGY)
CHROMOSOMES
CYTOGENESIS
MITOCHONDRIA
MITOSIS
PLASMOLYSIS

CYTOPLASM

RT CHLOROPLASTS
CYTOGENESIS
EOSINOPHILS
FIBROBLASTS
MITOSIS

CZECHOSLOVAKIA

GS NATIONS
CZECHOSLOVAKIA
RT CENTRAL EUROPE
CZECHOSLOVAKIAN SPACECRAFT
EUROPE

CZECHOSLOVAKIAN SPACECRAFT

RT CZECHOSLOVAKIA
SPACECRAFT

CZOCCHRALSKI METHOD

GS GROWTH
CRYSTAL GROWTH
CZOCCHRALSKI METHOD
RT METHODOLOGY
VERNEUIL PROCESS

D

D LAYER

USE D REGION

D LINES

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
D LINES
RT ABSORPTION SPECTRA
EMISSION SPECTRA
H LINES
SOLAR SPECTRA

D REGION

UF D LAYER
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
LOWER IONOSPHERE
D REGION

NASA THESAURUS (VOLUME 1)

D REGION-(CONT)

REGIONS
D REGION

D-1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
D-1 SATELLITE

D-2 SATELLITES

UF D-2B SATELLITE
POLAIRE SATELLITE
TOURNESOLE SATELLITE
SATELLITES
GS ARTIFICIAL SATELLITES
FRENCH SATELLITES
D-2 SATELLITES
METEOROLOGICAL SATELLITES
D-2 SATELLITES

D-2B SATELLITE

USE D-2 SATELLITES

D-558 AIRCRAFT

UF DOUGLAS D-558 AIRCRAFT
SKYROCKET AIRCRAFT
SKYSTREAK AIRCRAFT
GS JET AIRCRAFT
D-558 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
D-558 AIRCRAFT
MONOPLANES
D-558 AIRCRAFT
RESEARCH AIRCRAFT
D-558 AIRCRAFT
SUPERSONIC AIRCRAFT
D-558 AIRCRAFT
RT AIRCRAFT

DACRON (TRADEMARK)

GS FABRICS
DACRON (TRADEMARK)
FIBERS
SYNTHETIC FIBERS
DACRON (TRADEMARK)
RT POLYESTER RESINS
REINFORCING FIBERS

DAD EXPLORER

USE DUAL AIR DENSITY EXPLORER

DAEMO (DATA ANALYSIS)

USE DATA PROCESSING
DATA REDUCTION
DATA TRANSMISSION

DAHOMAY

USE BENIN

DAKOTA AIRCRAFT

USE C-47 AIRCRAFT

DALTON LAW

RT GAS COMPOSITION
GAS DYNAMICS
GAS-GAS INTERACTIONS
IDEAL GAS
PARTIAL PRESSURE
VAPOR PRESSURE

DAMA

USE DEMAND ASSIGNMENT MULTIPLE
ACCESS

DAMAGE

GS DAMAGE
CUMULATIVE DAMAGE
EARTHQUAKE DAMAGE
FIRE DAMAGE
FLOOD DAMAGE
FROST DAMAGE
IMPACT DAMAGE
METEORITIC DAMAGE
RAIN IMPACT DAMAGE
PROTON DAMAGE
RADIATION DAMAGE
LASER DAMAGE
STORM DAMAGE
RT BURNTHROUGH (FAILURE)
CORROSION
DAMAGE ASSESSMENT
DECAY

DAMAGE-(CONT)

DECOMPOSITION
 DEFECTS
 DEFORMATION
 DEGRADATION
 DESTRUCTION
 DETERIORATION
 DISCOLORATION
 DISINTEGRATION
 DURABILITY
 FATIGUE (BIOLOGY)
 FATIGUE (MATERIALS)
 FRACTURES (MATERIALS)
 HOT CORROSION
 IMMOBILIZATION
 IMPAIRMENT
 INJURIES
 LETHALITY
 LOSSES
 RADIATION EFFECTS
 SABOTAGE
 WARPAGE
 WEAR
 WEATHERING

DAMAGE ASSESSMENT

GS ASSESSMENTS
DAMAGE ASSESSMENT
 RT CASTS
 COSTS
 DAMAGE
 ESTIMATES
 MAINTENANCE
 RECOVERABILITY
 REPLACING
 SPARE PARTS
 VALUE

DAMAGE THRESHOLD

USE YIELD POINT

DAMKOHLER NUMBER

RT ACTIVATION ENERGY
 COMBUSTION PHYSICS
 DIFFUSION FLAMES
 FLAME PROPAGATION
 ∞ NUMBERS
 REACTION KINETICS

DAMP PROGRAM

USE DOWNRANGE ANTIMISSILE
 MEASUREMENT PROGRAM

∞ DAMPERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BLANKETS (FISSION REACTORS)
 DAMPERS (VALVES)
 NUTATION DAMPERS
 OSCILLATION DAMPERS
 VIBRATION ISOLATORS

DAMPERS (VALVES)

GS VALVES
 BUTTERFLY VALVES
DAMPERS (VALVES)
 RT AUTOMATIC CONTROL VALVES
 ∞ DAMPERS
 GAS VALVES
 VIBRATION ISOLATORS

DAMPING

UF DAMPING FACTOR
 DAMPING IN PITCH
 DAMPING IN ROLL
 DAMPING IN YAW
 ELASTIC STABILITY
 JET DAMPING
 GS **DAMPING**
 ELASTIC DAMPING
 VISCOELASTIC DAMPING
 LANDAU DAMPING
 VIBRATION DAMPING
 VISCOUS DAMPING
 VISCOELASTIC DAMPING
 RT ∞ ABSORPTION
 ATTENUATION
 BAFFLES
 DECELERATION
 DISSIPATION
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 DYNAMIC STABILITY
 ENERGY ABSORPTION

DAMPING-(CONT)

GYROSCOPE FLUIDS
 GYROSCOPIC PENDULUMS
 GYROSCOPIC STABILITY
 HYSTERESIS
 IMPEDANCE
 INSULATION
 INTERNAL FRICTION
 MECHANICAL IMPEDANCE
 MUFFLERS
 NEGATIVE FEEDBACK
 OSCILLATIONS
 ∞ REDUCTION
 ∞ RESISTANCE
 RESONANT FREQUENCIES
 RESONANT VIBRATION
 RETARDING
 SEA KEEPING
 SHOCK ABSORBERS
 SILENCERS
 STABILITY DERIVATIVES
 STOPPING
 SUBHARMONIC GENERATORS
 SUPPRESSORS
 TIME CONSTANT
 TRANSFER FUNCTIONS
 TRANSIENT OSCILLATIONS
 TRANSIENT RESPONSE
 VIBRATION ISOLATORS
 WAVE INTERACTION

DAMPING FACTOR

USE DAMPING

DAMPING IN PITCH

USE DAMPING
 PITCH (INCLINATION)

DAMPING IN ROLL

USE DAMPING
 ROLL

DAMPING IN YAW

USE DAMPING
 YAW

DAMPING TESTS

GS VIBRATION TESTS
DAMPING TESTS
 STROKING TESTS
 RT RESONANCE TESTING
 STABILITY TESTS
 ∞ TESTS
 VIBRATION MEASUREMENT

DAMPNESS

USE MOISTURE CONTENT

DAMS

RT ∞ BARRAGES
 ∞ BARRIERS
 FLOOD CONTROL
 HYDROELECTRICITY
 RESERVOIRS
 WHARVES

DANGER

USE HAZARDS

DARK ADAPTATION

GS ADAPTATION
 RETINAL ADAPTATION
DARK ADAPTATION
 RT DARKNESS
 NIGHT VISION
 PUPILLOMETRY
 VISION
 VISUAL PIGMENTS

DARKENING

GS **DARKENING**
 LIMB DARKENING
 RT DARKNESS
 ∞ ILLUMINATION
 NIGHT
 VISIBILITY

DARKNESS

RT COLOR
 DARK ADAPTATION
 DARKENING
 DIURNAL VARIATIONS
 ILLUMINATING
 ∞ ILLUMINATION

DARKNESS-(CONT)

LIGHT (VISIBLE RADIATION)
 NIGHT
 NIGHT FLIGHTS (AIRCRAFT)
 OPTICAL PROPERTIES
 SHADOWS

DARKROOMS

GS ROOMS
DARKROOMS
 RT PHOTOGRAPHIC PROCESSING
 PHOTOGRAPHIC PROCESSING
 EQUIPMENT
 PHOTOGRAPHY

DART TURBOPROP ENGINES

USE TURBOPROP ENGINES

DASH HELICOPTER

USE OH-50 HELICOPTER

DASSAULT AIRCRAFT

GS **DASSAULT AIRCRAFT**
 MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 MYSTERE 20 AIRCRAFT
 RT ∞ AIRCRAFT
 MYSTERE 50 AIRCRAFT

DASSAULT MIRAGE 3 AIRCRAFT

USE MIRAGE 3 AIRCRAFT

DASSAULT MYSTERE 20 AIRCRAFT

USE MYSTERE 20 AIRCRAFT

DASSAULT MYSTERE 50 AIRCRAFT

USE MYSTERE 50 AIRCRAFT

DAST PROGRAM

SN (DRONES FOR AERODYNAMIC AND
 STRUCTURAL TESTING)
 UF DRONES FOR AERODYNAMIC AND
 STRUCT TEST
 GS PROGRAMS
 NASA PROGRAMS
DAST PROGRAM
 RT AEROELASTICITY
 AIRCRAFT CONTROL
 AIRCRAFT DESIGN
 DRONE AIRCRAFT
 FLIGHT TESTS
 FLUTTER
 PROGRAMS
 REMOTELY PILOTED VEHICLES
 VIBRATION DAMPING

∞ DATA

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANALOG DATA
 AUDIO DATA
 BINARY DATA
 BIOMEDICAL DATA
 CENSORED DATA (MATHEMATICS)
 CHANNELS (DATA TRANSMISSION)
 CONTROL DATA (COMPUTERS)
 DATA ACQUISITION
 DATA BASE MANAGEMENT SYSTEMS
 DATA BASES
 DATA COLLECTION PLATFORMS
 DATA COMPRESSION
 DATA CONVERSION ROUTINES
 DATA CONVERTERS
 DATA CORRELATION
 DATA LINKS
 DATA MANAGEMENT
 DATA PROCESSING
 DATA PROCESSING EQUIPMENT
 DATA PROCESSING TERMINALS
 DATA RECORDERS
 DATA RECORDING
 DATA REDUCTION
 DATA RETRIEVAL
 DATA SAMPLING
 DATA SMOOTHING
 DATA STORAGE
 DATA SYSTEMS
 DATA TRANSMISSION
 DATUM (ELEVATION)
 DIGITAL DATA
 END-TO-END DATA SYSTEMS
 INFORMATION

DATA ACQUISITION

DATA-(CONT)

INTERSERVICE DATA EXCHANGE
PROGRAM
∞ MEASUREMENT
OCEAN DATA ACQUISITIONS SYSTEMS
ONBOARD DATA PROCESSING
OPTICAL DATA PROCESSING
OPTICAL DATA STORAGE MATERIALS
OPTICAL MEMORY (DATA STORAGE)
PRINTERS (DATA PROCESSING)
RADAR DATA
RECORDS
SITE DATA PROCESSORS
SPACE FLIGHT TRACKING AND DATA
NETWORK
STATISTICAL ANALYSIS
STATISTICAL TESTS
∞ STATISTICS
TABLES (DATA)
VIDEO DATA
VOICE DATA PROCESSING
WEATHER DATA RECORDERS
WORLD DATA CENTERS

DATA ACQUISITION

GS ACQUISITION
RT DATA ACQUISITION
ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
ALOUETTE PROJECT
ANALOG TO DIGITAL CONVERTERS
AUTOMATIC WEATHER STATIONS
COUNTING
∞ DATA
DEEP SPACE INSTRUMENTATION
FACILITY
DETECTION
EARTH OBSERVATIONS (FROM SPACE)
END-TO-END DATA SYSTEMS
FORMS (PAPER)
GLOBAL TRACKING NETWORK
GROUND STATIONS
INFRARED RADIOMETERS
METEOROLOGICAL RESEARCH
AIRCRAFT
NEEDS (DATA SYSTEM)
NEWS MEDIA
OBSERVATION
OCEAN DATA ACQUISITIONS SYSTEMS
OPTICAL DATA PROCESSING
OPTICAL SCANNERS
REMOTE SENSORS
∞ SENSORS
SPACE FLIGHT TRACKING AND DATA
NETWORK
STDN (NETWORK)
SURVEYS
TABLES (DATA)
TRACKING NETWORKS

DATA ADAPTIVE EVALUATOR/MONITOR

USE DATA PROCESSING
DATA REDUCTION
DATA TRANSMISSION

DATA ANALYSIS

USE DATA PROCESSING
DATA REDUCTION

DATA BASE MANAGEMENT SYSTEMS

RT ∞ DATA
DATA BASES
DATA MANAGEMENT
INFORMATION MANAGEMENT
MANAGEMENT INFORMATION SYSTEMS
SOFTWARE TOOLS
∞ SYSTEMS

DATA BASES

RT ∞ BASES
∞ DATA
DATA BASE MANAGEMENT SYSTEMS
DATA STRUCTURES
SOFTWARE ENGINEERING

DATA BUSSES

USE CHANNELS (DATA TRANSMISSION)

DATA COLLECTION PLATFORMS

RT AUTOMATIC WEATHER STATIONS
∞ DATA
GROUND STATIONS
INSTRUMENT PACKAGES
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS

DATA COLLECTION PLATFORMS-(CONT)

REMOTE SENSORS

DATA COMPACTION

USE DATA COMPRESSION

DATA COMPRESSION

UF DATA COMPACTION
RT CURVE FITTING
∞ DATA
DECODING
FOURIER ANALYSIS
TELECOMMUNICATION
TELEMETRY

DATA CONVERSION ROUTINES

GS DATA CONVERSION ROUTINES
SUBROUTINES
RT ALGORITHMS
COMPILERS
COMPUTER PROGRAMS
∞ CONVERSION
∞ DATA
∞ ROUTINES

DATA CONVERTERS

GS DATA CONVERTERS
ANALOG TO DIGITAL CONVERTERS
BINARY TO DECIMAL CONVERTERS
DECIMAL TO BINARY CONVERTERS
DIGITAL TO ANALOG CONVERTERS
RT ANALOG CIRCUITS
ANALOG DATA
COMPUTERS
CONVERSION TABLES
∞ CONVERTERS
∞ DATA
DECODERS
DIGITAL DATA
TRANSDUCERS
VIDEO DATA

DATA CORRELATION

GS CORRELATION
DATA CORRELATION
SIGNAL ANALYSIS
DATA PROCESSING
DATA CORRELATION
SIGNAL ANALYSIS
RT ANGULAR CORRELATION
AUTOCORRELATION
CROSS CORRELATION
∞ DATA
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
TEMPERATURE RATIO

DATA FLOW ANALYSIS

RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA SIMULATION
FLOW CHARTS
NETWORK ANALYSIS
SEQUENTIAL CONTROL

DATA HANDLING SYSTEMS

USE DATA SYSTEMS

DATA INTEGRATION

RT DATA MANAGEMENT
DATA SIMULATION

DATA LINKS

GS TELECOMMUNICATION
DATA LINKS
RT CHANNELS (DATA TRANSMISSION)
COMMUNICATION NETWORKS
∞ DATA
DECOMMUTATORS
DISCRETE ADDRESS BEACON SYSTEM
FREQUENCY REUSE
PROTOCOL (COMPUTERS)
RADIO RECEIVERS
RADIO RELAY SYSTEMS
REMOTE CONSOLES
SITE DATA PROCESSORS
TELEMETRY
WIRELESS COMMUNICATION

DATA MANAGEMENT

GS MANAGEMENT
DATA MANAGEMENT
RT ∞ DATA
DATA BASE MANAGEMENT SYSTEMS

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DATA MANAGEMENT-(CONT)

DATA INTEGRATION
DATA SIMULATION
FRAMES (DATA PROCESSING)
ON-LINE SYSTEMS
SURVEYS
TABLES (DATA)
VIRTUAL MEMORY SYSTEMS

DATA PROCESSING

SN (MECHANICAL OR ELECTRONIC
MANIPULATION OF DATA)
UF AUTOMATIC DATA PROCESSING
DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
DATA ANALYSIS
GS DATA PROCESSING
ASSOCIATIVE PROCESSING
(COMPUTERS)
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
BATCH PROCESSING
CENSORED DATA (MATHEMATICS)
CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
CONCURRENT PROCESSING
DATA CORRELATION
SIGNAL ANALYSIS
DATA REDUCTION
DATA SMOOTHING
DATA RETRIEVAL
DATA STORAGE
DISTRIBUTED PROCESSING
KARHUNEN-LOEVE EXPANSION
MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
OPTICAL DATA PROCESSING
SCENE ANALYSIS
PARALLEL PROCESSING (COMPUTERS)
SIGNAL PROCESSING
VOICE DATA PROCESSING
RT ACCESS TIME
ADJOINTS
AIRBORNE/SPACEBORNE COMPUTERS
ANALOG DATA
∞ AUTOMATION
AUXILIARY EQUIPMENT (COMPUTERS)
BINARY DATA
BINARY TO DECIMAL CONVERTERS
BUBBLE MEMORY DEVICES
CHANNELS (DATA TRANSMISSION)
COMPUTATION
COMPUTER INFORMATION SECURITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTERS
DATA STRUCTURES
DECIMAL TO BINARY CONVERTERS
DIGITAL COMPUTERS
DIGITAL DATA
EDITING
EDITING ROUTINES (COMPUTERS)
END-TO-END DATA SYSTEMS
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
FRAMES (DATA PROCESSING)
IMAGE PROCESSING
INFORMATION RETRIEVAL
INFORMATION THEORY
INTERROGATION
LANGUAGE PROGRAMMING
MECHANIZATION
MICROPROCESSORS
NATURAL LANGUAGE (COMPUTERS)
NEEDS (DATA SYSTEM)
ON-LINE SYSTEMS
PREPROCESSING
∞ PROCESSING
PROTOCOL (COMPUTERS)
RCA COMPUTERS
RECORDS
RESPONSE TIME (COMPUTERS)
SITE DATA PROCESSORS
SYMBOLS
SYSTEMS ENGINEERING
TABLES (DATA)
TABULATION PROCESSES
TELECOMMUNICATION
WORD PROCESSING

DATA PROCESSING EQUIPMENT

UF DATA PROCESSORS
GS DATA PROCESSING EQUIPMENT
AUXILIARY EQUIPMENT (COMPUTERS)
PRINTERS (DATA PROCESSING)

DATA PROCESSING EQUIPMENT-(CONT)

COMPUTERS
 ANALOG COMPUTERS
 EAI 680 COMPUTER
 HONEYWELL 600/6000 COMPUTER
 SIGMA 5 COMPUTER
 UNIVAC 1100 SERIES COMPUTERS
 CDC COMPUTERS
 CDC CYBER 74 COMPUTER
 CDC CYBER 170 SERIES
 COMPUTERS
 CDC CYBER 175 COMPUTER
 CDC CYBER 174 COMPUTER
 CDC CYBER 203 COMPUTER
 CDC CYBER 205 COMPUTER
 CDC STAR 100 COMPUTER
 CDC 160-A COMPUTER
 CDC 1604 COMPUTER
 CDC 3100 COMPUTER
 CDC 3200 COMPUTER
 CDC 3600 COMPUTER
 CDC 3800 COMPUTER
 CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 CDC 6600 COMPUTER
 CDC 6700 COMPUTER
 CDC 7000 SERIES COMPUTERS
 CDC 7600 COMPUTER
 CDC 8090 COMPUTER
 COUNTING RATE COMPUTERS
 DDP COMPUTERS
 DDP 516 COMPUTER
 DIGITAL COMPUTERS
 CDC CYBER 74 COMPUTER
 CDC CYBER 170 SERIES
 COMPUTERS
 CDC CYBER 174 COMPUTER
 CDC CYBER 203 COMPUTER
 CDC CYBER 205 COMPUTER
 CDC STAR 100 COMPUTER
 CDC 160 A COMPUTER
 CDC 1604 COMPUTER
 CDC 3100 COMPUTER
 CDC 3200 COMPUTER
 CDC 3600 COMPUTER
 CDC 3800 COMPUTER
 CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 CDC 6600 COMPUTER
 CDC 6700 COMPUTER
 CDC 7000 SERIES COMPUTERS
 CDC 7600 COMPUTER
 CDC 8090 COMPUTER
 EAI 680 COMPUTER
 EAI 8400 COMPUTER
 EAI 8900 COMPUTER
 EMR 6050 COMPUTER
 FERRANTI MERCURY COMPUTER
 GE COMPUTERS
 GE 625 COMPUTER
 GE 635 COMPUTER
 HEWLETT-PACKARD COMPUTERS
 HONEYWELL COMPUTERS
 DDP 516 COMPUTER
 HONEYWELL ADEPT COMPUTER
 HONEYWELL DDP 116 COMPUTER
 HONEYWELL 600/6000 COMPUTER
 IBM 360 COMPUTER
 IBM 370 COMPUTER
 IBM 650 COMPUTER
 IBM 704 COMPUTER
 IBM 709 COMPUTER
 IBM 1130 COMPUTER
 IBM 1401 COMPUTER
 IBM 1410 COMPUTER
 IBM 1620 COMPUTER
 IBM 2250 COMPUTER
 IBM 7000 SERIES COMPUTERS
 IBM 7030 COMPUTER
 IBM 7040 COMPUTER
 IBM 7044 COMPUTER
 IBM 7070 COMPUTER
 IBM 7074 COMPUTER
 IBM 7090 COMPUTER
 IBM 7094 COMPUTER
 ICL COMPUTERS
 ILLIAC COMPUTERS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER
 MICROCOMPUTERS
 PERSONAL COMPUTERS
 MINICOMPUTERS
 NOVA COMPUTERS
 MODCOMP II COMPUTER
 MODCOMP IV COMPUTER
 PARALLEL COMPUTERS

DATA PROCESSING EQUIPMENT-(CONT)

PDP COMPUTERS
 PDP 7 COMPUTER
 PDP 8 COMPUTER
 PDP 9 COMPUTER
 PDP 10 COMPUTER
 PDP 11 COMPUTER
 PDP 11/20 COMPUTER
 PDP 11/40 COMPUTER
 PDP 11/45 COMPUTER
 PDP 11/50 COMPUTER
 PDP 11/70 COMPUTER
 PDP 12 COMPUTER
 PDP 15 COMPUTER
 PHILCO 2000 COMPUTER
 RAYTHEON COMPUTERS
 RCA SPECTRA 70 COMPUTER
 SDS 900 SERIES COMPUTERS
 SDS 930 COMPUTER
 SDS 9300 COMPUTER
 SEL COMPUTERS
 SEQUENTIAL COMPUTERS
 SIGMA COMPUTERS
 SIGMA 9 COMPUTER
 SIGMA 5 COMPUTER
 SOLOMON COMPUTERS
 UNIVAC LARC COMPUTER
 UNIVAC 80 COMPUTER
 UNIVAC 418 COMPUTER
 UNIVAC 490 COMPUTER
 UNIVAC 494 COMPUTER
 UNIVAC 1100 SERIES COMPUTERS
 UNIVAC 1105 COMPUTER
 UNIVAC 1106 COMPUTER
 UNIVAC 1107 COMPUTER
 UNIVAC 1108 COMPUTER
 UNIVAC 1110 COMPUTER
 UNIVAC 1230 COMPUTER
 VAX COMPUTERS
 VAX-11 SERIES COMPUTERS
 VAX-11/780 COMPUTER
 EMBEDDED COMPUTER SYSTEMS
 AIRBORNE/SPACEBORNE
 COMPUTERS
 HYBRID COMPUTERS
 IBM COMPUTERS
 IBM 360 COMPUTER
 IBM 370 COMPUTER
 IBM 650 COMPUTER
 IBM 704 COMPUTER
 IBM 709 COMPUTER
 IBM 1130 COMPUTER
 IBM 1401 COMPUTER
 IBM 1410 COMPUTER
 IBM 1620 COMPUTER
 IBM 2250 COMPUTER
 IBM 7000 SERIES COMPUTERS
 IBM 7030 COMPUTER
 IBM 7040 COMPUTER
 IBM 7044 COMPUTER
 IBM 7070 COMPUTER
 IBM 7074 COMPUTER
 IBM 7090 COMPUTER
 IBM 7094 COMPUTER
 MINOS COMPUTER
 OPTICAL COMPUTERS
 PEGASUS COMPUTER
 RCA COMPUTERS
 RCA SPECTRA 70 COMPUTER
 RCA-110 COMPUTERS
 SIEMENS 2002 COMPUTER
 SITE DATA PROCESSORS
 UNIVAC COMPUTERS
 UNIVAC LARC COMPUTER
 UNIVAC 80 COMPUTER
 UNIVAC 418 COMPUTER
 UNIVAC 490 COMPUTER
 UNIVAC 494 COMPUTER
 UNIVAC 1100 SERIES COMPUTERS
 UNIVAC 1105 COMPUTER
 UNIVAC 1106 COMPUTER
 UNIVAC 1107 COMPUTER
 UNIVAC 1108 COMPUTER
 UNIVAC 1110 COMPUTER
 UNIVAC 1230 COMPUTER
 DATA PROCESSING TERMINALS
 MICROPROCESSORS
 INTEL 8080 MICROPROCESSOR
 RT BATCH PROCESSING
 COMPUTER COMPATIBLE TAPES
 COMPUTER SYSTEMS SIMULATION
 CONTROL UNITS (COMPUTERS)
 ∞ DATA
 DIGITAL RADAR SYSTEMS
 ∞ EQUIPMENT
 INTERFACES

DATA PROCESSING EQUIPMENT-(CONT)

MULTIPROCESSING (COMPUTERS)
 OPTICAL DATA PROCESSING
 PIPELINING (COMPUTERS)
 PRINTERS
 REMOTE CONSOLES
 SIMULATION
 DATA PROCESSING TERMINALS
 GS DATA PROCESSING EQUIPMENT
 DATA PROCESSING TERMINALS
 RT COMPUTER GRAPHICS
 CONSOLES
 ∞ DATA
 MAN MACHINE SYSTEMS
 REMOTE CONSOLES
 ∞ TERMINALS
 DATA PROCESSORS
 USE DATA PROCESSING EQUIPMENT
 DATA READOUT SYSTEMS
 USE DATA SYSTEMS
 DISPLAY DEVICES
 DATA RECORDERS
 RT BUBBLE MEMORY DEVICES
 BUBBLE TECHNIQUE
 COUNTERS
 ∞ DATA
 DISPLAY DEVICES
 MONITORS
 PUNCHED CARDS
 ∞ RECORDERS
 RECORDING INSTRUMENTS
 TAPE RECORDERS
 VIDEO DISKS
 DATA RECORDING
 GS RECORDING
 DATA RECORDING
 RT BUBBLE MEMORY DEVICES
 ∞ DATA
 MAGNETIC RECORDING
 MAGNETIC STORAGE
 OPTICAL DATA STORAGE MATERIALS
 PHOTOGRAPHIC RECORDING
 PUNCHED CARDS
 PUNCHED TAPES
 RECORDING HEADS
 RECORDS
 TABLES (DATA)
 TABULATION PROCESSES
 VIDEO DISKS
 DATA REDUCTION
 UF DAEMO (DATA ANALYSIS)
 DATA ADAPTIVE EVALUATOR/MONITOR
 DATA ANALYSIS
 TARE (DATA REDUCTION)
 GS DATA PROCESSING
 DATA REDUCTION
 DATA SMOOTHING
 RT COMPUTATION
 ∞ DATA
 EDITING
 PREPROCESSING
 ∞ REDUCTION
 TABLES (DATA)
 DATA RETRIEVAL
 GS DATA PROCESSING
 DATA RETRIEVAL
 RETRIEVAL
 RT ∞ DATA
 DATA RETRIEVAL
 DOCUMENTATION
 INFORMATION MANAGEMENT
 INFORMATION RETRIEVAL
 INTERSERVICE DATA EXCHANGE
 PROGRAM
 LIBRARIES
 MANAGEMENT INFORMATION SYSTEMS
 MICROFILMS
 SEARCH PROFILES
 TABLES (DATA)
 TELEMETRY
 WORLD DATA CENTERS
 DATA SAMPLING
 UF SAMPLED DATA
 SAMPLED DATA SYSTEMS
 GS SAMPLING
 DATA SAMPLING
 RT COMPUTER SYSTEMS PERFORMANCE

DATA SIMULATION

DATA SAMPLING-(CONT)

∞ DATA
QUALITY CONTROL
TELECOMMUNICATION
TIME SERIES ANALYSIS

DATA SIMULATION

RT DATA FLOW ANALYSIS
DATA INTEGRATION
DATA MANAGEMENT
SIMULATION

DATA SMOOTHING

GS DATA PROCESSING
DATA REDUCTION
DATA SMOOTHING
RECORDING
DATA SMOOTHING
SMOOTHING
DATA SMOOTHING
RT CURVE FITTING
∞ DATA

DATA STORAGE

GS DATA PROCESSING
DATA STORAGE
RT BUBBLE MEMORY DEVICES
BUFFER STORAGE
CARDS
CORE STORAGE
∞ DATA
DOCUMENT STORAGE
FLIP-FLOPS
HOLOGRAPHY
INFORMATION MANAGEMENT
INTERSERVICE DATA EXCHANGE
PROGRAM
MAGNETIC STORAGE
MANAGEMENT INFORMATION SYSTEMS
MICROFILMS
MICROPHOTOGRAPHS
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
PUNCHED CARDS
SELECTIVE DISSEMINATION OF
INFORMATION
∞ STORAGE
VIDEO DISKS
VIRTUAL MEMORY SYSTEMS
WHITE LIGHT HOLOGRAPHY
WORLD DATA CENTERS

DATA STRUCTURES

RT COMPUTER PROGRAMMING
DATA BASES
DATA PROCESSING

DATA SYSTEMS

UF DATA HANDLING SYSTEMS
DATA READOUT SYSTEMS
GS DATA SYSTEMS
NEEDS (DATA SYSTEM)
RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
CONTROL DATA (COMPUTERS)
∞ DATA
DIGITAL SYSTEMS
EARTH RESOURCES INFORMATION
SYSTEM
END-TO-END DATA SYSTEMS
GEOGRAPHIC INFORMATION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
∞ SYSTEMS

DATA TRANSMISSION

UF DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
INFORMATION TRANSMISSION
GS TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
AUTOMATIC PICTURE
TRANSMISSION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
SINGLE CHANNEL PER CARRIER
TRANSMISSION
RT ACCESS CONTROL
AUDIO DATA
CARRIER TO NOISE RATIOS
CHANNELS (DATA TRANSMISSION)
CODE DIVISION MULTIPLEXING
CODING

DATA TRANSMISSION-(CONT)

COMMUNICATION THEORY
CONCATENATED CODES
∞ DATA
DEEP SPACE INSTRUMENTATION
FACILITY
ELECTRONIC MAIL
FM/PM (MODULATION)
FREQUENCY DIVISION MULTIPLEXING
INFORMATION THEORY
INTERSYMBOLIC INTERFERENCE
LASER APPLICATIONS
MODEMS
MULTIPLEXING
PACKET SWITCHING
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
PROTOCOL (COMPUTERS)
PULSE COMMUNICATION
RADIO TELEMETRY
RADIO TRANSMISSION
READING
REDUNDANCY ENCODING
SATELLITE TRANSMISSION
SHIP TO SHORE COMMUNICATION
TDR SATELLITES
TELECOMMUNICATION
TELEMETRY
TRANSMISSION EFFICIENCY
VIDEO DATA
WIRELESS COMMUNICATION

DATING

USE CHRONOLOGY
TIME MEASUREMENT

DATUM (ELEVATION)

RT CLEARANCES
CONTOURS
∞ DATA
ELEVATION ANGLE
HYPSOGRAPHY
LEVELING
MAPS
SURVEYS

DAWN CHORUS

UF CHORUS (DAWN PHENOMENON)
CHORUS PHENOMENON
GS ATMOSPHERIC RADIATION
DAWN CHORUS
ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
RT AURORAS
MAGNETIC STORMS
WHISTLERS

DAWSONITE

GS MINERALS
DAWSONITE
RT ALUMINUM
SODIUM

DAYGLOW

GS ATMOSPHERIC RADIATION
SKY RADIATION
DAYGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
DAYGLOW
RT GLARE
LIGHT SOURCES
SKY
SOLAR RADIATION
TWILIGHT GLOW
ULTRAVIOLET RADIATION

DAYTIME

RT DIURNAL VARIATIONS
EVENING
MORNING
NIGHT
NOON
SKY BRIGHTNESS

DC (CURRENT)

USE DIRECT CURRENT

NASA THESAURUS (VOLUME 1)

DC 3 AIRCRAFT

UF DOUGLAS DC-3 AIRCRAFT
GS COMMERCIAL AIRCRAFT
DC 3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
DC 3 AIRCRAFT
MONOPLANES
DC 3 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
DC 3 AIRCRAFT
RT ∞ AIRCRAFT

DC 7 AIRCRAFT

UF DOUGLAS DC-7 AIRCRAFT
GS COMMERCIAL AIRCRAFT
DC 7 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
DC 7 AIRCRAFT
MONOPLANES
DC 7 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
DC 7 AIRCRAFT
RT ∞ AIRCRAFT
PASSENGER AIRCRAFT

DC 8 AIRCRAFT

UF DOUGLAS DC-8 AIRCRAFT
GS COMMERCIAL AIRCRAFT
DC 8 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
DC 8 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
DC 8 AIRCRAFT
MONOPLANES
DC 8 AIRCRAFT
PASSENGER AIRCRAFT
DC 8 AIRCRAFT
TRANSPORT AIRCRAFT
DC 8 AIRCRAFT
RT ∞ AIRCRAFT

DC 9 AIRCRAFT

UF DOUGLAS DC-9 AIRCRAFT
GS COMMERCIAL AIRCRAFT
DC 9 AIRCRAFT
JET AIRCRAFT
DC 9 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
DC 9 AIRCRAFT
TRANSPORT AIRCRAFT
DC 9 AIRCRAFT
RT ∞ AIRCRAFT

DC 10 AIRCRAFT

GS COMMERCIAL AIRCRAFT
DC 10 AIRCRAFT
JET AIRCRAFT
DC 10 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
DC 10 AIRCRAFT
MCDONNELL AIRCRAFT
DC 10 AIRCRAFT
PASSENGER AIRCRAFT
DC 10 AIRCRAFT
TRANSPORT AIRCRAFT
DC 10 AIRCRAFT
RT ∞ AIRCRAFT
TURBOFAN ENGINES

DDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DDP COMPUTERS
DDP 516 COMPUTER
RT DIGITAL COMPUTERS

DDP 516 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DDP COMPUTERS
DDP 516 COMPUTER
DIGITAL COMPUTERS
HONEYWELL COMPUTERS
DDP 516 COMPUTER

DDT

UF DICHLORODIPHENYLTRICHLOROETHANE

DDT-(CONT)

GS ALIPHATIC COMPOUNDS
DDT
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
DDT

DE BROGLIE WAVELENGTHS
 GS WAVELENGTHS
DE BROGLIE WAVELENGTHS
 RT ELEMENTARY PARTICLES
 MASS
 MOMENTUM
 PLANCKS CONSTANT
 QUANTUM THEORY
 VELOCITY
 WENTZEL-KRAMER-BRILLOUIN METHOD

DE HAVILLAND AIRCRAFT

GS **DE HAVILLAND AIRCRAFT**
 COMET 4 AIRCRAFT
 DH 112 AIRCRAFT
 DH 115 AIRCRAFT
 DH 121 AIRCRAFT
 DH 125 AIRCRAFT
 DHC 2 AIRCRAFT
 DHC 4 AIRCRAFT
 DHC 5 AIRCRAFT
 RT ∞ AIRCRAFT

DE HAVILLAND DH 106 AIRCRAFT
 USE COMET 4 AIRCRAFT

DE HAVILLAND DH 112 AIRCRAFT
 USE DH 112 AIRCRAFT

DE HAVILLAND DH 115 AIRCRAFT
 USE DH 115 AIRCRAFT

DE HAVILLAND DH 121 AIRCRAFT
 USE DH 121 AIRCRAFT

DE HAVILLAND DH 125 AIRCRAFT
 USE DH 125 AIRCRAFT

DE HAVILLAND DHC 4 AIRCRAFT
 USE DHC 4 AIRCRAFT

DE HAVILLAND DHC 5 AIRCRAFT
 USE DHC 5 AIRCRAFT

DE HAVILLAND VENOM AIRCRAFT
 USE DH 112 AIRCRAFT

DE LAVAL NOZZLES
 USE CONVERGENT-DIVERGENT NOZZLES

DEACCLIMATIZATION
 USE ACCLIMATIZATION

DEACTIVATION
 UF INACTIVATION
 RT ACTIVATION
 PASSIVITY
 POLARIZATION (CHARGE SEPARATION)
 POLARIZATION (SPIN ALIGNMENT)
 SABOTAGE
 SHUTDOWNS

DEAD RECKONING
 GS NAVIGATION
DEAD RECKONING
 RT AIR NAVIGATION
 DIGITAL NAVIGATION
 DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 POLAR NAVIGATION
 RADAR NAVIGATION
 RADIO NAVIGATION
 SURFACE NAVIGATION

DEADWEIGHT
 USE STATIC LOADS

DEAFNESS
 USE AUDITORY DEFECTS

DEATH
 RT CASUALTIES
 EXPIRATION
 INJURIES
 LIFE SPAN
 MORTALITY

DEATH VALLEY (CA)

GS VALLEYS
DEATH VALLEY (CA)
 RT ARID LANDS
 CALIFORNIA
 DESERTIFICATION
 DESERTS
 LANDFORMS
 RIVER BASINS

DEBONAIR AIRCRAFT
 USE C-33 AIRCRAFT

DEBRIS
 GS **DEBRIS**
 SPACE DEBRIS
 RT EJECTA
 ENVIRONMENT EFFECTS
 FRAGMENTS
 GLACIAL DRIFT
 POLLUTION
 ∞ RADIOACTIVE DEBRIS
 SCRAP
 WASTES

DEBUGGING
 USE CHECKOUT

DEBYE LENGTH
 GS DISTANCE
DEBYE LENGTH
 RT PLASMAS (PHYSICS)

DEBYE TEMPERATURE
 USE SPECIFIC HEAT

DEBYE-HUCKEL THEORY
 RT DISSOCIATION
 ELECTROLYTES
 PLASMA POTENTIALS
 ∞ THEORIES

DEBYE-SCHERRER METHOD
 RT CRYSTALLOGRAPHY
 DIFFRACTION
 ∞ METHODOLOGY

DECAMETRIC WAVES
 GS ELECTROMAGNETIC RADIATION
 RADIO WAVES
DECAMETRIC WAVES
 RT CORONAL HOLES
 HIGH FREQUENCIES
 VERY HIGH FREQUENCIES

DECARBONATION
 GS CHEMICAL REACTIONS
DECARBONATION
 RT CARBONIZATION

DECARBOXYLATION
 GS CHEMICAL REACTIONS
DECARBOXYLATION
 RT CARBOXYLATION

DECARBURIZATION
 RT CARBON
 CARBURIZING
 HEATING
 METAL WORKING

DECAY
 GS **DECAY**
 ACOUSTIC EMISSION
 EMISSION
 EXHAUST EMISSION
 LIGHT EMISSION
 INCANDESCENCE
 LUMINESCENCE
 BIOLUMINESCENCE
 CATHODE GLOW
 CATHODOLUMINESCENCE
 CHEMILUMINESCENCE
 ELECTROLUMINESCENCE
 FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE
 LUNAR LUMINESCENCE
 OPTICAL RESONANCE
 PHOTOLUMINESCENCE
 TRIBOLUMINESCENCE
 X RAY FLUORESCENCE
 SHOCK WAVE LUMINESCENCE

DECAY-(CONT)

SONOLUMINESCENCE
 THERMOLUMINESCENCE
 MICROWAVE EMISSION
 PARTICLE EMISSION
 ELECTRON EMISSION
 FIELD EMISSION
 PHOTOELECTRIC EMISSION
 SECONDARY EMISSION
 ION EMISSION
 NEUTRON EMISSION
 THERMIONIC EMISSION
 PHOTOELECTRIC EFFECT
 PHOTOIONIZATION
 RADIO EMISSION
 CN EMISSION
 HYDROXYL EMISSION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SELF SUSTAINED EMISSION
 SPECTRAL EMISSION
 SPONTANEOUS EMISSION
 STIMULATED EMISSION
 WATER MASERS
 THERMAL EMISSION
 THERMIONIC EMISSION
 HALF LIFE
 NEUTRON DECAY
 NUCLEAR FISSION
 PHOTOPRODUCTION
 PLASMA DECAY
 RADIOACTIVE DECAY
 ALPHA DECAY
 NEUTRON EMISSION
 STRANGENESS
 WEAK ENERGY INTERACTIONS
 RT BIODEGRADABILITY
 BIODEGRADATION
 DAMAGE
 DEGRADATION
 DETERIORATION
 DISINTEGRATION
 HOT ATOMS
 RADIATIVE LIFETIME

DECAY RATES
 GS RATES (PER TIME)
DECAY RATES
 ELECTRON DECAY RATE

DECCA NAVIGATION
 GS NAVIGATION
 RADIO NAVIGATION
 HYPERBOLIC NAVIGATION
DECCA NAVIGATION
 RT DISTANCE MEASURING EQUIPMENT
 LORAN
 LORAN C
 LORAN D
 NAVIGATION AIDS
 SHORAN
 SOLAR COMPASSES
 SURFACE NAVIGATION

DECELERATION
 UF IMPACT DECELERATION
 GS RATES (PER TIME)
 ACCELERATION (PHYSICS)
DECELERATION
 SPIN REDUCTION
 RT ANGULAR ACCELERATION
 BRAKING
 DAMPING
 IMPACT
 IMPACT ACCELERATION
 LANDING LOADS
 PHYSIOLOGICAL ACCELERATION
 ∞ REDUCTION
 RETARDING
 RETROFIRING
 RETROTHRUST
 STOPPING
 TAPERING
 THRUST REVERSAL

DECELERATORS
 USE BRAKES (FOR ARRESTING MOTION)

DECEPTION
 RT AIR DEFENSE
 CHAFF

DECIDUOUS TREES

DECEPTION-(CONT)

ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
OPTICAL COUNTERMEASURES
SIMULATION

DECIDUOUS TREES

GS PLANTS (BOTANY)
TREES (PLANTS)
DECIDUOUS TREES
RT CONIFERS
EARTH RESOURCES
FOLIAGE
FORESTS
LEAVES
TIMBER IDENTIFICATION

DECIMAL TO BINARY CONVERTERS

GS DATA CONVERTERS
DECIMAL TO BINARY CONVERTERS
RT BINARY DATA
BINARY TO DECIMAL CONVERTERS
COMPUTER COMPONENTS
DATA PROCESSING

DECIMALS

RT DIGITS
NUMBER THEORY
∞ NUMBERS

DECIMETER WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
DECIMETER WAVES
RT MILLIMETER WAVES
PLANETARY RADIATION
SOLAR RADIO EMISSION
ULTRAHIGH FREQUENCIES

DECISION ELEMENTS

USE LOGICAL ELEMENTS

DECISION MAKING

RT COGNITION
COMMAND AND CONTROL
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
DECISIONS
ECONOMY
JUDGMENTS
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
PROBLEM SOLVING
STARSITE PROGRAM
SYSTEMS ENGINEERING
TRADEOFFS

DECISION THEORY

GS **DECISION THEORY**
STATISTICAL DECISION THEORY
RT DYNAMIC PROGRAMMING
EXPECTATION
GAME THEORY
INFORMATION THEORY
MARTINGALES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
PROBABILITY THEORY
RECOMMENDATIONS
RISK
SCHEDULING
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
STRATEGY
∞ SYNTHESIS
SYSTEMS ENGINEERING
∞ THEORIES

DECISIONS

RT ∞ COMMANDS
CONTRACT MANAGEMENT
DECISION MAKING
JUDGMENTS
LOGIC CIRCUITS
MANAGEMENT
PROCUREMENT POLICY
PROJECT PLANNING
SELECTION

DECKS (FLOORS)

USE FLOORS

DECLINATION

RT MAPPING
NAVIGATION

DECODERS

RT BCH CODES
CODERS
DATA CONVERTERS
DECODING
DEMODULATORS
∞ TRANSLATORS

DECODING

GS CODING
DECODING
RT BCH CODES
CONCATENATED CODES
CRYPTOGRAPHY
DATA COMPRESSION
DECODERS
DEMODULATION
DICTIONARIES
∞ INTERPRETATION
TRANSLATING

DECOMMISSIONING

RT RADIOACTIVE WASTES
UNDERGROUND STORAGE

DECOMMUTATORS

GS COMMUTATORS
DECOMMUTATORS
RT DATA LINKS
DEMODULATORS
DIFFERENTIAL PULSE CODE
MODULATION
ELECTRIC MOTORS
∞ GENERATORS
PULSE CODE MODULATION
TELEMETRY

DECOMPOSITION

GS **DECOMPOSITION**
AMMONOLYSIS
CRACKING (CHEMICAL ENGINEERING)
GLYCOLYSIS
HYDROGENOLYSIS
NITROLYSIS
PHOTODECOMPOSITION
PHOTODISSOCIATION
PHOTOLYSIS
RADIOLYSIS
PROPELLANT DECOMPOSITION
THERMAL DECOMPOSITION
RT ABLATION
BIODEGRADABILITY
BIODEGRADATION
CHARRING
DAMAGE
DEGRADATION
DETERIORATION
DISINTEGRATION
DISSOCIATION
ELECTROLYSIS
LATERITES
OVERVOLTAGE
STORAGE STABILITY
THERMAL DISSOCIATION

DECOMPRESSION

USE PRESSURE REDUCTION

DECOMPRESSION SICKNESS

UF BENDS (PHYSIOLOGY)
GS SICKNESSES
DECOMPRESSION SICKNESS
RT AEROEMBOLISM
ALTITUDE SICKNESS
BAROTRAUMA
DIVING (UNDERWATER)

DECONDITIONING

GS BEHAVIOR
DECONDITIONING
RT LEARNING
REFLEXES

DECONGESTANTS

GS DRUGS
DECONGESTANTS
RT ANTIHISTAMINICS

DECONTAMINATION

GS STERILIZATION EFFECTS

NASA THESAURUS (VOLUME 1)

DECONTAMINATION-(CONT)

DECONTAMINATION
RT AIR PURIFICATION
ANTISEPTICS
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
CLEANING
CONTAMINANTS
CONTAMINATION
DEWAXING
DISPOSAL
DISSIPATION
ELIMINATION
EXHAUSTING
EXTENSIONS
∞ FOOD
POLLUTION
PURGING
PURIFICATION
PURITY
∞ REDUCTION
∞ SEPARATION
SPACECRAFT CONTAMINATION
STERILIZATION
WASHING

DECOUPLING

GS **DECOUPLING**
SPIN DECOUPLING
RT COUPLING
DISCONNECT DEVICES
GRAVITINOS
RELEASING

DECOYS

GS **DECOYS**
BALLISTIC MISSILE DECOYS
BLUE GOOSE MISSILE
QUAIL MISSILE
REENTRY DECOYS
RT COUNTERMEASURES
DUMMIES

DECREMENTING

USE REDUCTION

DEDUCTION

RT DERIVATION
INFERENCE

DEEP DRAWING

RT BULGING
COLD DRAWING
COLD WORKING
EXPLOSIVE FORMING
MAGNETIC FORMING
METAL WORKING
STRETCHING

DEEP SCATTERING LAYERS

RT ACOUSTIC SCATTERING
ECHO SOUNDING
∞ LAYERS
OCEANOGRAPHY
ORGANISMS
SCATTERING
SOUND WAVES
UNDERWATER ACOUSTICS

DEEP SPACE

GS ENVIRONMENTS
AEROSPACE ENVIRONMENTS
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
EXTRATERRESTRIAL ENVIRONMENTS
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
RT CISLUNAR SPACE
FRICTIONLESS ENVIRONMENTS
LONG DURATION SPACE FLIGHT
∞ SPACE

DEEP SPACE INSTRUMENTATION FACILITY

UF DSIF (INSTRUMENTATION FACILITY)
GS STATIONS
GROUND STATIONS
DEEP SPACE INSTRUMENTATION FACILITY
TRACKING STATIONS
DEEP SPACE INSTRUMENTATION FACILITY
RT DATA ACQUISITION
DATA TRANSMISSION

- DEEP SPACE INSTRUMENTATION-(CONT)**
 RADIO CONTROL
- DEEP SPACE NETWORK**
 GS TRACKING NETWORKS
DEEP SPACE NETWORK
 RT ∞ NETWORKS
 SPACECRAFT TRACKING
- DEEP WELL INJECTION (WASTES)**
 GS INJECTION
 FLUID INJECTION
 LIQUID INJECTION
DEEP WELL INJECTION (WASTES)
 RT WASTE DISPOSAL
- DEEPWATER TERMINALS**
 RT ARTIFICIAL HARBORS
 CARGO SHIPS
 MARINE TECHNOLOGY
 MARINE TRANSPORTATION
 OCEANOGRAPHY
 OFFSHORE DOCKING
 OFFSHORE ENERGY SOURCES
 OFFSHORE PLATFORMS
 SHIP TERMINALS
 TANKER SHIPS
 TANKER TERMINALS
 ∞ TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION
- DEER**
 GS ANIMALS
 VERTEBRATES
 MAMMALS
DEER
 CARIBOUS
 RT GRAZING
 LIVESTOCK
- DEFECTS**
 UF FLAWS
 IMPERFECTIONS
 GS **DEFECTS**
 AUDITORY DEFECTS
 CRYSTAL DEFECTS
 CRYSTAL DISLOCATIONS
 EDGE DISLOCATIONS
 SCREW DISLOCATIONS
 POINT DEFECTS
 VACANCIES (CRYSTAL DEFECTS)
 FRENKEL DEFECTS
 INCLUSIONS
 SPEECH DEFECTS
 SURFACE DEFECTS
 RT CASTINGS
 CAVITIES
 CRACKS
 CUMULATIVE DAMAGE
 DAMAGE
 INHOMOGENEITY
 IRREGULARITIES
 LEAKAGE
 PINHOLES
 POROSITY
 SCORING
 VIGNETTING
 VOIDS
 X RAY ANALYSIS
- DEFENDER PROJECT**
 GS PROGRAMS
 PROJECTS
DEFENDER PROJECT
- ∞ **DEFENSE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 ' RT AIR DEFENSE
 ANTIMISSILE DEFENSE
 CIVIL DEFENSE
 DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 DEFENSE COMMUNICATIONS SYSTEM (DCS)
 DEFENSE INDUSTRY
 DEFENSE PROGRAM
 DMSP SATELLITES
 MISSILE DEFENSE
 PHYSIOLOGICAL DEFENSES
- DEFENSE COMMUNICATIONS SATELLITE SYSTEM**
 GS TELECOMMUNICATION
- DEFENSE COMMUNICATIONS-(CONT)**
DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 FLEET SATELLITE COMMUNICATION SYSTEM
 RT COMMUNICATION SATELLITES
 ∞ DEFENSE
 RADIO RELAY SYSTEMS
 SPACE COMMUNICATION
 ∞ SYSTEMS
- DEFENSE COMMUNICATIONS SYSTEM (DCS)**
 GS TELECOMMUNICATION
DEFENSE COMMUNICATIONS SYSTEM (DCS)
 RT COMMUNICATION NETWORKS
 ∞ DEFENSE
 MILITARY TECHNOLOGY
 ∞ SYSTEMS
- DEFENSE INDUSTRY**
 GS INDUSTRIES
DEFENSE INDUSTRY
 WEAPONS INDUSTRY
 RT ANTIMISSILE DEFENSE
 ∞ DEFENSE
 MILITARY TECHNOLOGY
 MISSILE DEFENSE
- DEFENSE METEOROLOGICAL SATELLITE PROGRAM**
 USE DMSP SATELLITES
- DEFENSE PROGRAM**
 GS PROGRAMS
DEFENSE PROGRAM
 RT AIR DEFENSE
 ANTIMISSILE DEFENSE
 ARMED FORCES (UNITED STATES)
 CIVIL DEFENSE
 ∞ DEFENSE
 DMSP SATELLITES
 MILITARY TECHNOLOGY
 MISSILE DEFENSE
 SPACE TRANSPORTATION SYSTEM
 WEAPONS DELIVERY
- ∞ **DEFINITION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ACCURACY
 DELINEATION
 DESCRIPTIONS
 DICTIONARIES
 ∞ MEASUREMENT
 NOMENCLATURES
 PRECISION
 RESOLUTION
- DEFLAGRATION**
 GS COMBUSTION
DEFLAGRATION
 RT BACKFIRE
 FIRES
 FLASHBACK
- DEFLATING**
 USE INFLATABLE STRUCTURES
 PRESSURE REDUCTION
- DEFLECTION**
 RT BENDING
 BENDING DIAGRAMS
 CAMBER
 DEFORMATION
 DIFFRACTION
 DISPERSING
 DISPLACEMENT
 DISTORTION
 ELASTIC DEFORMATION
 FLEXING
 MAXWELL-MOHR METHOD
 REFLECTION
 REFRACTION
 SCATTERING
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TORSION
 VARIATIONS
 WAVE DISPERSION
 YOKES
- DEFLECTORS**
 GS **DEFLECTORS**
 BLAST DEFLECTORS
 FLAME DEFLECTORS
 RT ATTENUATORS
 BAFFLES
 ∞ DIFFUSERS
 DIVERTERS
 FLOW DEFLECTION
 GUST ALLEVIATORS
 REFLECTORS
 SAFETY DEVICES
 SHIELDING
 SPOILERS
- DEFLUORINATION**
 GS CHEMICAL REACTIONS
DEFLUORINATION
 RT FLUORINATION
 HALOGENATION
- DEFOCUSING**
 GS FOCUSING
DEFOCUSING
 RT ∞ OPTICS
- DEFOLIANTS**
 RT DEFOLIATION
 FOLIAGE
 FORESTS
 HERBICIDES
 LEAVES
 PLANTS (BOTANY)
 TREES (PLANTS)
- DEFOLIATION**
 RT BRUSH (BOTANY)
 DEFOLIANTS
 DEFORESTATION
 FORESTS
 GRASSES
 LEAVES
 PLANTS (BOTANY)
 TREES (PLANTS)
- DEFORESTATION**
 RT CLEARINGS (OPENINGS)
 CONSERVATION
 DEFOLIATION
 ENVIRONMENT EFFECTS
 FORESTS
- DEFORMATION**
 GS **DEFORMATION**
 AXIAL STRAIN
 ELASTIC DEFORMATION
 ELASTIC BENDING
 ELASTIC BUCKLING
 NUCLEAR DEFORMATION
 PLASTIC DEFORMATION
 STATIC DEFORMATION
 TENSILE DEFORMATION
 WAVE FRONT DEFORMATION
 RT BENDING
 BUCKLING
 CAMBER
 COLLAPSE
 CORRUGATING
 CREEP PROPERTIES
 DAMAGE
 DEFLECTION
 DEFORMETERS
 DISPLACEMENT
 DISTORTION
 ELONGATION
 FAILURE
 FLEXING
 FRACTURES (MATERIALS)
 INDENTATION
 MECHANICAL PROPERTIES
 SET
 SKEWNESS
 STIFFNESS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TOPOLOGY
 TORSION
 TWISTING
 VOLUMETRIC STRAIN
 WARPAGE
 WRINKLING
- DEFORMETERS**
 GS MEASURING INSTRUMENTS

DEFROSTING

DEFORMETERS-(CONT)

DEFORMETERS

RT DEFORMATION
DIMENSIONAL MEASUREMENT
EXTENSOMETERS
MECHANICAL MEASUREMENT
STRAIN GAGES
STRESS MEASUREMENT
TENSOMETERS

DEFROSTING

RT DEICING
HEATING
ICE PREVENTION
MELTING
REFRIGERATING
REFRIGERATORS

DEGASSING

UF BAKEOUT
GS **DEGASSING**
DEOXYGENATION
RT ABSORBERS (EQUIPMENT)
AERATION
BAKING
CASTINGS
DEOXIDIZING
DESORPTION
GAS EVOLUTION
OCCLUSION
OFFGASSING
OUTGASSING
PURGING
SCAVENGING
∞ SEPARATION

DEGENERATION

RT ATROPHY
DETERIORATION
NEGATIVE FEEDBACK

DEGENERATIVE FEEDBACK

USE NEGATIVE FEEDBACK

DEGRADATION

GS **DEGRADATION**
BIODEGRADATION
THERMAL DEGRADATION
WAVE DEGRADATION
RT CHEMICAL ATTACK
CORROSION
CUMULATIVE DAMAGE
CURING
DAMAGE
DECAY
DECOMPOSITION
DEPOLYMERIZATION
DETERIORATION
DISCOLORATION
DURABILITY
EMBRITTEMENT
EROSION
HOT CORROSION
OXIDATION
PITTING
PRESERVING
RUSTING
SCALE (CORROSION)
STERILIZATION EFFECTS
THERMAL DISSOCIATION
WEATHERING

DEGREES OF FREEDOM

RT EQUIPARTITION THEOREM
EXPERIMENT DESIGN
FACTOR ANALYSIS
NULL HYPOTHESIS
PHASE RULE
QUALITY CONTROL
SIGNIFICANCE
THREE DIMENSIONAL MOTION
TORQUERS
∞ VARIANCE

DEHP

USE DIETHYL HYDROGEN PHOSPHITE (DEHP)

DEHUMIDIFICATION

GS DRYING
RT **DEHUMIDIFICATION**
CONDENSING
COOLING SYSTEMS
DEHYDRATION
DIFFUSION
HUMIDITY

DEHUMIDIFICATION-(CONT)

REFRIGERATING
∞ SEPARATION
SILICA GEL

DEHYDRATED FOOD

GS CONSUMABLES (SPACECRAFT)
CONSUMABLES (SPACECREW SUPPLIES)

DEHYDRATED FOOD

RT DEHYDRATION
DRYING APPARATUS
∞ FOOD
FOOD PROCESSING
FREEZE DRYING
PRESERVING
SPACE FLIGHT FEEDING

DEHYDRATION

GS DRYING
RT **DEHYDRATION**
COLUMNS (PROCESS ENGINEERING)
DEHUMIDIFICATION
DEHYDRATED FOOD
DEWATERING
EVAPORATION
FREEZE DRYING
HYDRATION
PLASMOLYSIS
∞ SEPARATION
SILICA GEL
THERMOGRAVIMETRY
WATER LOSS

DEHYDROGENATION

GS CHEMICAL REACTIONS
RT **DEHYDROGENATION**
COLUMNS (PROCESS ENGINEERING)
HYDROFORMING
HYDROGENATION
HYDROGENOLYSIS
OXIDATION
REDUCTION (CHEMISTRY)

DEICERS

UF DEICING SYSTEMS
RT AIRFOILS
ANTIICING ADDITIVES
DEICING
∞ HEATERS
HEATING EQUIPMENT
ICE PREVENTION

DEICING

RT AIRFOILS
ANTIICING ADDITIVES
DEFROSTING
DEICERS
∞ HEATERS
HEATING EQUIPMENT
ICE PREVENTION
MELTING

DEICING SYSTEMS

USE DEICERS

DEIMOS

GS CELESTIAL BODIES
NATURAL SATELLITES
DEIMOS
SATELLITES
NATURAL SATELLITES
DEIMOS
RT CHARON
MARS (PLANET)
PHOBOS

DEIONIZATION

GS CHEMICAL REACTIONS
RT **DEIONIZATION**
ATOMIC RECOMBINATION
DEMINEALIZING
EXCHANGING
ION RECOMBINATION
RADIATIVE RECOMBINATION
∞ SEPARATION
SOFTENING

DEKATONS

USE COUNTERS

DELAMINATING

RT ANODIC STRIPPING
PEELING

NASA THESAURUS (VOLUME 1)

DELAMINATING-(CONT)

∞ SEPARATION

DELAWARE

GS NATIONS
UNITED STATES
DELAWARE
RT DELAWARE RIVER BASIN (US)
DELMARVA PENINSULA (DE-MD-VA)

DELAWARE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
DELAWARE BAY (US)
RT ATLANTIC OCEAN
GULFS
INLETS (TOPOGRAPHY)
NEW JERSEY
PENNSYLVANIA

DELAWARE RIVER BASIN (US)

GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
DELAWARE RIVER BASIN (US)
RT DELAWARE
NEW JERSEY
NEW YORK
PENNSYLVANIA
RIVERS
STREAMS
VALLEYS

DELAY

RT DWELL
∞ HOLDING
LATENESS
STOPPING
TIME LAG
∞ TIME RESPONSE

DELAY CIRCUITS

GS CIRCUITS
DELAY CIRCUITS
PHANTASTONS
RT ACOUSTIC DELAY LINES
CIRCULATORS (PHASE SHIFT CIRCUITS)
COMPARATOR CIRCUITS
PHASE SHIFT CIRCUITS

DELAY LINES

GS **DELAY LINES**
ACOUSTIC DELAY LINES
DELAY LINES (COMPUTER STORAGE)
RT ∞ LINES
TIME LAG

DELAY LINES (COMPUTER STORAGE)

GS DELAY LINES
DELAY LINES (COMPUTER STORAGE)
RT SHIFT REGISTERS

DELAYED FLAP APPROACH

UF DFA
GS APPROACH
DELAYED FLAP APPROACH
RT FLAPS (CONTROL SURFACES)
FLIGHT PATHS
LANDING AIDS
NASA PROGRAMS
NOISE REDUCTION

DELETION

GS ELIMINATION
DELETION
RT DISPOSAL
REMOVAL

DELFIN AIRCRAFT

USE L-29 JET TRAINER

DELFT CAMERA

GS OPTICAL EQUIPMENT
CAMERAS
DELFT CAMERA
PHOTOGRAPHIC EQUIPMENT
CAMERAS
DELFT CAMERA

DELINEATION

RT BOUNDARIES
∞ DEFINITION
∞ PROFILES

DELIVERY

GS **DELIVERY**
 PAYLOAD DELIVERY (STS)
 WEAPONS DELIVERY
 RT AIR DROP OPERATIONS
 AIRDROPS
 CARGO
 CIRCULATION
 HAULING
 MATERIALS HANDLING
 OUTPUT
 ∞RECEIVING
 TRANSPORTATION
 TRUCKS

DELMARVA PENINSULA (DE-MD-VA)

GS LANDFORMS
 PENINSULAS
DELMARVA PENINSULA (DE-MD-VA)
 RT DELAWARE
 MARYLAND
 VIRGINIA

DELPHI METHOD (FORECASTING)

GS FORECASTING
DELPHI METHOD (FORECASTING)
 MANAGEMENT METHODS
DELPHI METHOD (FORECASTING)
 RT ESTIMATING
 ∞METHODOLOGY
 OPERATIONS RESEARCH
 PATTERN METHOD (FORECASTING)
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

DELRIN (TRADEMARK)

GS PLASTICS
DELRIN (TRADEMARK)
 RT RESINS

DELTA ANTENNAS

GS ANTENNAS
DELTA ANTENNAS
 RT ANTENNA DESIGN
 RESONATORS
 TRANSMISSION LINES

DELTA DAGGER AIRCRAFT

USE F-102 AIRCRAFT

DELTA DART AIRCRAFT

USE F-106 AIRCRAFT

DELTA FUNCTION

GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
DELTA FUNCTION
 FUNCTIONS (MATHEMATICS)
DELTA FUNCTION

DELTA LAUNCH VEHICLE

GS LAUNCH VEHICLES
DELTA LAUNCH VEHICLE
 RT ANIK SATELLITES
 ANIK 1
 ANIK 2
 BEACON EXPLORER A
 ESSA 1 SATELLITE
 ESSA 2 SATELLITE
 ESSA 3 SATELLITE
 ESSA 4 SATELLITE
 ESSA 5 SATELLITE
 ESSA 6 SATELLITE
 ESSA 7 SATELLITE
 ESSA 8 SATELLITE
 ESSA 9 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 14 SATELLITE
 EXPLORER 15 SATELLITE
 EXPLORER 17 SATELLITE
 EXPLORER 18 SATELLITE
 EXPLORER 21 SATELLITE
 EXPLORER 26 SATELLITE
 EXPLORER 28 SATELLITE
 EXPLORER 29 SATELLITE
 EXPLORER 32 SATELLITE
 EXPLORER 33 SATELLITE
 EXPLORER 38 SATELLITE
 EXPLORER 43 SATELLITE
 EXPLORER 49 SATELLITE
 EXPLORER 55 SATELLITE

DELTA LAUNCH VEHICLE-(CONT.)

INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 OSO-C
 OSO-1
 OSO-2
 OSO-4
 OUTER PLANETS EXPLORERS
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 RCA SATCOM SATELLITES
 SPACE SHUTTLE UPPER STAGE D
 SYCOM 1 SATELLITE
 SYCOM 2 SATELLITE
 SYCOM 3 SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE
 TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE

DELTA MODULATION

GS MODULATION
 PULSE MODULATION
 PULSE CODE MODULATION
DELTA MODULATION
 RT PULSE COMMUNICATION

DELTA WINGS

UF TRIANGULAR WINGS
 GS AIRFOILS
 WINGS
 LOW ASPECT RATIO WINGS
DELTA WINGS
 SWEEP WINGS
 SWEEPBACK WINGS
DELTA WINGS
 PLANFORMS
 WING PLANFORMS
 SWEEPBACK WINGS
DELTA WINGS
 RT ARROW WINGS
 AVRO 707 AIRCRAFT
 CARET WINGS
 FD 2 AIRCRAFT
 GA 5 AIRCRAFT
 VARIABLE SWEEP WINGS
 VATOL AIRCRAFT

DELTAS

GS LANDFORMS
DELTAS
 MISSISSIPPI DELTA (LA)
 RHONE DELTA (FRANCE)
 RT ALLUVIUM
 FANS (LANDFORMS)
 RIVERS
 SANDS
 SOILS

DEMAGNETIZATION

RT MAGNETIC FIELDS
 ∞REDUCTION

DEMAND (ECONOMICS)

GS ECONOMICS
DEMAND (ECONOMICS)
 RT CONSUMPTION
 SUPPLYING

DEMAND ASSIGNMENT MULTIPLE ACCESS

UF DAMA
 GS TELECOMMUNICATION
 MULTIPLE ACCESS
DEMAND ASSIGNMENT MULTIPLE ACCESS
 RT CHANNEL CAPACITY
 COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 SATELLITE NETWORKS

DEMINERALIZING

GS **DEMINERALIZING**
 BONE DEMINERALIZATION
 RT CRYSTALLIZATION
 DEIONIZATION
 DESALINIZATION
 DISTILLATION
 ION EXCHANGING
 OSMOSIS
 PURIFICATION

DEMINERALIZING-(CONT.)

REVERSE OSMOSIS
 ∞SEPARATION
 SOFTENING
 WATER TREATMENT

DEMOCRATIC PEOPLES REPUBLIC OF KOREA

USE NORTH KOREA

DEMODULATION

RT AMPLITUDE MODULATION
 DECODING
 DEMODULATORS
 ∞DETECTORS
 FREQUENCY MODULATION
 HETERODYNING
 INTERMODULATION
 MODULATION
 PHASE MODULATION
 PULSE MODULATION
 REMODULATION
 TELECOMMUNICATION

DEMODULATORS

GS **DEMODULATORS**
 FREQUENCY COMPRESSION
 DEMODULATORS
 MODEMS
 PHASE DEMODULATORS
 PHASE LOCK DEMODULATORS
 RT AMPLITUDE MODULATION
 DECODERS
 DECOMMUTATORS
 DEMODULATION
 FREQUENCY MODULATION
 MATCHED FILTERS
 MODULATION
 MODULATORS
 PHASE MODULATION
 PULSE MODULATION

DEMOGRAPHY

RT CENSUS
 COMMUNITIES
 ∞DENSITY
 ∞DISTRIBUTION
 HUMAN BEINGS
 INHABITANTS
 MEGALOPOLISES
 NATIONS
 SOCIOLOGY
 ∞STATISTICS

DEMONSTRATION

USE PROVING

DEMULTIPLEXING

GS TRANSMISSION
DEMULTIPLEXING
 RT CODE DIVISION MULTIPLEXING
 FREQUENCY DIVISION MULTIPLEXING
 MULTIPLEXING
 TIME DIVISION MULTIPLEXING
 WAVELENGTH DIVISION MULTIPLEXING

DENDRITIC CRYSTALS

GS CRYSTALS
DENDRITIC CRYSTALS
 RT ISOTROPY
 NEEDLES
 WHISKERS (CRYSTALS)

DENDRITIC DRAINAGE

USE DRAINAGE PATTERNS

DENDROCHRONOLOGY

UF TREE RING DATING
 RT CLIMATOLOGY
 GEOCHRONOLOGY
 PERIODIC VARIATIONS
 TIMBERLINE
 TREES (PLANTS)

DENITROGENATION

GS CHEMICAL REACTIONS
DENITROGENATION
 RT NITRATION

DENMARK

GS NATIONS
DENMARK
 RT EUROPE
 GREENLAND
 SCANDINAVIA

DENSE PLASMAS

DENSE PLASMAS
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
 DENSE PLASMAS
 STRONGLY COUPLED PLASMAS
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 DENSE PLASMAS
 PLASMA FOCUS
 STRONGLY COUPLED PLASMAS
 RT ASTROPHYSICS
 BETA FACTOR
 ELECTRON SCATTERING
 HIGH TEMPERATURE PLASMAS
 NUCLEAR FUSION
 PARTICLE COLLISIONS
 PLASMA COMPRESSION
 SPHEROMAKS
 STELLAR STRUCTURE

DENSIFICATION
 GS PRESSURE
 DENSIFICATION
 RT AGGLOMERATION
 COMPACTING
 COMPRESSING
 CONSOLIDATION
 LUDOX (TRADEMARK)
 PRESSURIZING

DENSIMETERS
 GS MEASURING INSTRUMENTS
 DENSIMETERS
 ULTRASONIC DENSIMETERS
 RT DENSITY (MASS/VOLUME)
 DENSITY MEASUREMENT
 ∞ INSTRUMENTS
 ∞ MEASUREMENT

DENSITOMETERS
 GS MEASURING INSTRUMENTS
 DENSITOMETERS
 MICRODENSITOMETERS
 RT GAMMA RAY ABSORPTIOMETRY
 GRAVIMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASUREMENT
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETERS
 PHOTON ABSORPTIOMETRY
 TRANSMISSOMETERS

∞ **DENSITY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 BIOMASS
 DEMOGRAPHY
 DENSITY (MASS/VOLUME)
 DENSITY (NUMBER/VOLUME)
 FLUX DENSITY
 OPTICAL DENSITY
 POROSITY
 RANKINE-HUGONOT RELATION

DENSITY (MASS/VOLUME)
 UF SPECIFIC GRAVITY
 GS **DENSITY (MASS/VOLUME)**
 ATMOSPHERIC DENSITY
 GAS DENSITY
 SPACE DENSITY
 RT ABSORPTANCE
 ABSORPTIVITY
 BULK MODULUS
 BUOYANCY
 COMPRESSIBILITY
 DENSIMETERS
 ∞ DENSITY
 ∞ DENSITY MEASUREMENT
 HYDROMETERS
 INTERNAL FRICTION
 ISOPYCNIC PROCESSES
 LEWIS NUMBERS
 OPACITY
 PERMEABILITY
 ∞ PHYSICAL PROPERTIES
 POROSITY
 PYCNOMETERS
 STOPPING POWER
 TRANSMISSIVITY

DENSITY (MASS/VOLUME)-(CONT)
 TRANSMITTANCE
 TRANSPARENCE
 ULTRASONIC DENSIMETERS
 VISCOSITY
 VOID RATIO
 WEIGHT MEASUREMENT

DENSITY (NUMBER/VOLUME)
 GS **DENSITY (NUMBER/VOLUME)**
 METEOROID CONCENTRATION
 PACKING DENSITY
 PARTICLE DENSITY (CONCENTRATION)
 ELECTRON DENSITY
 (CONCENTRATION)
 CARRIER DENSITY (SOLID STATE)
 ELECTRON DENSITY PROFILES
 IONOSPHERIC ELECTRON DENSITY
 MAGNETOSPHERIC ELECTRON DENSITY
 ELECTRON DISTRIBUTION
 ELECTRON DENSITY PROFILES
 ION DENSITY (CONCENTRATION)
 IONOSPHERIC ION DENSITY
 MAGNETOSPHERIC ION DENSITY
 MAGNETOSPHERIC PROTON DENSITY
 PROTON DENSITY
 (CONCENTRATION)
 MAGNETOSPHERIC PROTON DENSITY
 PLASMA DENSITY
 SPACE DENSITY
 RT ATMOSPHERIC DENSITY
 ∞ DENSITY

DENSITY (RATE/AREA)
 USE FLUX DENSITY

DENSITY DISTRIBUTION
 RT BAROCLINIC WAVES
 FOKKER-PLANCK EQUATION
 MAXWELL-BOLTZMANN DENSITY
 FUNCTION
 SHOCK DISCONTINUITY
 TAYLOR INSTABILITY

DENSITY MEASUREMENT
 GS **DENSITY MEASUREMENT**
 GAMMA RAY ABSORPTIOMETRY
 PHOTON ABSORPTIOMETRY
 X RAY DENSITY MEASUREMENT
 RT CHEMICAL ANALYSIS
 DENSIMETERS
 DENSITY (MASS/VOLUME)
 HYDROMETERS
 ∞ MEASUREMENT
 MECHANICAL MEASUREMENT
 ULTRASONIC DENSIMETERS
 WIND TUNNEL TESTS

DENSITY WAVE MODEL
 GS MODELS
 ASTRONOMICAL MODELS
 DENSITY WAVE MODEL
 RT GALACTIC STRUCTURE
 MASS DISTRIBUTION
 SPIRAL GALAXIES
 WAVE EQUATIONS

DENTAL CALCULI
 GS DEPOSITS
 CALCULI
 DENTAL CALCULI
 RT LITHIASIS
 TEETH
 TOOTH DISEASES

DENTISTRY
 GS MEDICAL SCIENCE
 DENTISTRY
 RT MEDICAL EQUIPMENT
 ORAL HYGIENE
 TEETH
 TOOTH DISEASES

DEOXIDIZING
 GS CHEMICAL REACTIONS
 REDUCTION (CHEMISTRY)
 DEOXIDIZING
 RT DEGASSING
 ∞ DEOXIFICATION
 DEOXYGENATION
 SCAVENGING

NASA THESAURUS (VOLUME 1)

∞ **DEOXIFICATION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DEOXIDIZING
 DEOXYGENATION
 STERILIZATION EFFECTS

DEOXYGENATION
 GS DEGASSING
 DEOXYGENATION
 RT DEOXIDIZING
 ∞ DEOXIFICATION
 ∞ REDUCTION
 ∞ SEPARATION

DEOXYRIBONUCLEIC ACID
 UF DNA
 GS ACIDS
 NUCLEIC ACIDS
 DEOXYRIBONUCLEIC ACID
 RT THYMIDINE
 THYMINE

DEPENDENCE
 UF DEPENDENCY
 GS **DEPENDENCE**
 SPATIAL DEPENDENCIES
 TEMPERATURE DEPENDENCE
 TIME DEPENDENCE
 RT GROUP DYNAMICS
 SOCIOLOGY

DEPENDENCY
 USE DEPENDENCE

DEPENDENT VARIABLES
 GS ANALYSIS (MATHEMATICS)
 DEPENDENT VARIABLES
 RT COMPLEX VARIABLES
 INDEPENDENT VARIABLES
 OBSERVABILITY (SYSTEMS)
 PARAMETERIZATION
 REAL VARIABLES
 ∞ VARIABLE

DEPERSONALIZATION
 RT ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 AUTOMATIC CONTROL
 ∞ AUTOMATION
 CYBERNETICS
 DETACHMENT
 DISORDERS
 MAN MACHINE SYSTEMS
 MECHANIZATION
 PERSONALITY
 PERSONNEL

DEPLETION
 RT CONSUMPTION
 DEPRECIATION
 DISSIPATION
 ELIMINATION
 ENERGY POLICY
 EXHAUSTION
 EXPLOITATION
 LIFE (DURABILITY)
 LOSSES
 ∞ REDUCTION
 REMOVAL
 RESOURCES
 UTILIZATION

DEPLOYMENT
 RT GAME THEORY
 LOGISTICS
 MILITARY OPERATIONS
 MILITARY TECHNOLOGY
 ∞ OPERATIONS
 PERSONNEL
 STRATEGY
 TACTICS

DEPOLARIZATION
 SN *(EXCLUDES CONSIDERATION OF OPTICAL DEPOLARIZATION AND PARTICLE SPIN DISALIGNMENT)*
 UF DEPOLARIZERS
 RT ELECTROLYTIC POLARIZATION
 ELECTROPHYSIOLOGY
 POLARIZATION (CHARGE SEPARATION)
 ∞ REDUCTION
 SPIKE POTENTIALS

- DEPOLARIZERS**
USE DEPOLARIZATION
- DEPOLYMERIZATION**
GS CHEMICAL REACTIONS
DEPOLYMERIZATION
RT DEGRADATION
DETERIORATION
POLYMERIZATION
- DEPOSITION**
UF ACCRETION
GS **DEPOSITION**
ANODIZING
ELECTRODEPOSITION
ELECTROPLATING
ELECTROLESS DEPOSITION
VAPOR DEPOSITION
VACUUM DEPOSITION
RT ACCUMULATIONS
COAGULATION
COATING
COATINGS
DEPOSITS
ELECTROFORMING
ELECTRON BOMBARDMENT
FORMING TECHNIQUES
FOULING
MAGNETRON SPUTTERING
METAL COATINGS
PLATING
PRECIPITATION (CHEMISTRY)
SEDIMENTS
∞ SEPARATION
SETTLING
SPUTTERING
- DEPOSITS**
SN (EXCLUDES BANK MINERAL AND GEOLOGICAL DEPOSITS)
GS **DEPOSITS**
CALCULI
DENTAL CALCULI
CRYODEPOSITS
RT COATINGS
CORROSION
CRUDE OIL
DEPOSITION
PLATING
SEDIMENTS
SLUDGE
- DEPRECIATION**
RT DEPLETION
DETERIORATION
INVESTMENTS
LIFE (DURABILITY)
WEAR
- DEPRESSANTS**
GS **DEPRESSANTS**
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
RT ANESTHESIOLOGY
- ∞ **DEPRESSION**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DETACHMENT
DISORDERS
EMOTIONS
∞ HOLLOW
INTROVERSION
LETHARGY
LOW PRESSURE
NEUROTIC DEPRESSION
PSYCHOTIC DEPRESSION
RECESSION
SCHIZOPHRENIA
TECTONICS
TOPOGRAPHY
- DEPRESSIONS (TOPOGRAPHY)**
USE STRUCTURAL BASINS
- DEPRESSURIZATION**
USE PRESSURE REDUCTION
- DEPRIVATION**
GS **DEPRIVATION**
SENSORY DEPRIVATION
SLEEP DEPRIVATION
WATER DEPRIVATION
- DEPRIVATION-(CONT)**
RT CONFINING
ISOLATION
STRESS (PHYSIOLOGY)
- DEPTH**
GS DIMENSIONS
DEPTH
RT DISTANCE
HEIGHT
THICKNESS
- DEPTH MEASUREMENT**
RT BATHYMETERS
CORE SAMPLING
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
∞ MEASUREMENT
MECHANICAL MEASUREMENT
SOUNDING
- DEPTH PERCEPTION**
USE SPACE PERCEPTION
- DERIVATION**
RT DEDUCTION
∞ INDUCTION
∞ ORIGINS
PARAMETERIZATION
∞ SOURCES
- DERIVATION CALCULUS**
USE DIFFERENTIAL CALCULUS
- DERMATITIS**
GS DISEASES
INFECTIOUS DISEASES
DERMATITIS
CONTACT DERMATITIS
RT DERMATOLOGY
ITCHING
RADIATION HAZARDS
RADIATION SICKNESS
SKIN (ANATOMY)
- DERMATOLOGY**
GS MEDICAL SCIENCE
DERMATOLOGY
RT CONTACT DERMATITIS
DERMATITIS
SKIN (ANATOMY)
- DESALINIZATION**
RT DEMINERALIZING
DISTILLATION
OSMOSIS
PURIFICATION
REVERSE OSMOSIS
SALINITY
VAPORIZING
WATER TREATMENT
- DESATURATION**
RT DRYING
∞ SATURATION
- DESCALING**
RT CHEMICAL CLEANING
CLEANING
METAL FINISHING
PICKLING (METALLURGY)
SCALE (CORROSION)
∞ SEPARATION
SHOT PEENING
- DESCENT**
GS **DESCENT**
PARACHUTE DESCENT
RT APPROACH
ASCENT
FLIGHT PATHS
GLIDING
REENTRY
UNCONTROLLED REENTRY
(SPACECRAFT)
- DESCENT PROPULSION SYSTEMS**
GS PROPULSION
DESCENT PROPULSION SYSTEMS
PROPULSION SYSTEM CONFIGURATIONS
DESCENT PROPULSION SYSTEMS
RT SPACECRAFT PROPULSION
∞ SYSTEMS
- DESCENT TRAJECTORIES**
GS TRAJECTORIES
DESCENT TRAJECTORIES
REENTRY TRAJECTORIES
RT ASCENT TRAJECTORIES
ATMOSPHERIC ENTRY
BALLISTIC TRAJECTORIES
COASTING FLIGHT
FALLING
FLIGHT MECHANICS
MANNED REENTRY
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
PARABOLIC FLIGHT
REENTRY
REENTRY GUIDANCE
SPACECRAFT TRAJECTORIES
TERMINAL GUIDANCE
- DESCRIPTIONS**
RT CHARACTERIZATION
∞ DEFINITION
NOMENCLATURES
REPRESENTATIONS
- DESCRIPTIVE GEOMETRY**
GS GEOMETRY
EUCLIDEAN GEOMETRY
DESCRIPTIVE GEOMETRY
RT ANALYTIC GEOMETRY
ENGINEERING DRAWINGS
LAYOUTS
∞ PROJECTION
PROJECTIVE GEOMETRY
TORUSES
- DESENSITIZING**
RT CORROSION PREVENTION
PROTECTIVE COATINGS
RUSTING
- DESERT ADAPTATION**
GS ADAPTATION
DESERT ADAPTATION
RT SURVIVAL
- DESERTIFICATION**
RT ARID LANDS
BARREN LAND
DEATH VALLEY (CA)
DESERTLINE
DESERTS
DROUGHT
EARTH ENVIRONMENT
GOBI DESERT
LAND
LAND USE
MAN ENVIRONMENT INTERACTIONS
MOJAVE DESERT (CA)
OASES
REMOTE SENSING
SAHARA DESERT (AFRICA)
STEPPE
WADIS
- DESERTLINE**
RT ARID LANDS
CLIMATOLOGY
DESERTIFICATION
LAND
TOPOGRAPHY
- DESERTS**
GS LAND
DESERTS
GOBI DESERT
LIBYAN DESERT
MOJAVE DESERT (CA)
SAHARA DESERT (AFRICA)
RT ARID LANDS
BARREN LAND
CLIMATOLOGY
COACHELLA VALLEY (CA)
DEATH VALLEY (CA)
DESERTIFICATION
DUNES
EARTH RESOURCES
IMPERIAL VALLEY (CA)
KALIHARI BASIN (AFRICA)
OASES
PALO VERDE VALLEY (CA)
PLAYAS
REMOTE REGIONS
TOPOGRAPHY
WILDERNESS

DESICCANTS

DESICCANTS

RT ABSORBENTS
ADSORBENTS

DESICCATION

USE DRYING

DESICCATORS

GS SEPARATORS
DRYING APPARATUS
DESICCATORS

DESIGN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

UF TAILORING
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT DESIGN
AMPLIFIER DESIGN
ANTENNA DESIGN
COMPUTER AIDED DESIGN
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
CONSTRUCTION
CONTROL SYSTEMS DESIGN
DESIGN ANALYSIS
DESIGN TO COST
DIMENSIONS
DRAFTING MACHINES
ENGINE DESIGN
ENGINEERING DRAWINGS
EQUIPMENT SPECIFICATIONS
ESTIMATING
EXPERIMENT DESIGN
FACTORIAL DESIGN
FUNCTIONAL DESIGN SPECIFICATIONS
HELICOPTER DESIGN
IPAD
LAYOUTS
LENS DESIGN
LOGIC DESIGN
MISSILE DESIGN
NOZZLE DESIGN
OPTIMIZATION
PLANNING
PLANT DESIGN
PRESSURE VESSEL DESIGN
PRODUCT DEVELOPMENT
REACTOR DESIGN
RELIABILITY
RESEARCH
RESEARCH AND DEVELOPMENT
ROCKET ENGINE DESIGN
SATELLITE DESIGN
SPACECRAFT DESIGN
STRUCTURAL DESIGN
STRUCTURAL DESIGN CRITERIA
SYNTHESIS
SYSTEMS ENGINEERING

DESIGN ANALYSIS

RT ANALYZING
CONTROL SYSTEMS DESIGN
DESIGN
LOGIC DESIGN
MAINTAINABILITY
OPTIMIZATION
RELIABILITY
RELIABILITY ANALYSIS
SAFETY FACTORS
VALUE ENGINEERING

DESIGN OF EXPERIMENTS

USE EXPERIMENT DESIGN

DESIGN TO COST

RT COST ANALYSIS
COSTS
DESIGN
LIFE CYCLE COSTS
PRODUCTION COSTS

DESORPTION

RT ABSORPTION
ADSORPTION
DEGASSING
EVOLUTION (LIBERATION)
OUTGASSING
PERMEATING
SEPARATION
SUBLIMATION

DESPINNING

USE SPIN REDUCTION

DESTABILIZATION

RT SPIN REDUCTION
TUMBLING MOTION

DESTROYER AIRCRAFT

USE B-66 AIRCRAFT

DESTRUCTION

RT ABORTED MISSIONS
ACCIDENTS
BREAKING
CRACKING (FRACTURING)
DAMAGE
DESTRUCTIVE TESTS
FAILURE
FATIGUE (MATERIALS)
FLIGHT HAZARDS
FLIGHT SAFETY
LETHALITY
STRESSES

DESTRUCTIVE TESTS

GS DESTRUCTIVE TESTS
BURST TESTS
RT BEND TESTS
COMPRESSION TESTS
CORROSION TESTS
DESTRUCTION
DROP TESTS
FATIGUE TESTS
IMPACT TESTS
LOAD TESTS
MATERIALS TESTS
NONDESTRUCTIVE TESTS
TENSILE TESTS
TESTS
VIBRATION TESTS
WEAR TESTS

DESULFURIZING

GS CHEMICAL REACTIONS
DESULFURIZING
RT FLUE GASES
REFINING
ROASTING

DESYNCHRONIZATION (BIOLOGY)

GS BIOLOGICAL EFFECTS
DESYNCHRONIZATION (BIOLOGY)
DISORIENTATION
DESYNCHRONIZATION (BIOLOGY)
PSYCHOLOGICAL EFFECTS
DESYNCHRONIZATION (BIOLOGY)
RT JET LAG
PHYSIOLOGICAL RESPONSES
RHYTHM (BIOLOGY)

DESYNCHRONIZED SLEEP

USE RAPID EYE MOVEMENT STATE

DETACHMENT

RT ANXIETY
BOREDOM
DEPERSONALIZATION
DEPRESSION
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
HUMAN BEHAVIOR
INHIBITION
INTROVERSION
LETHARGY
PSYCHOLOGY
PSYCHOSES

DETECTION

UF SENSING
GS DETECTION
AIRCRAFT DETECTION
CHANGE DETECTION
FOREST FIRE DETECTION
HAZE DETECTION
HIGH ALTITUDE NUCLEAR DETECTION
MISSILE DETECTION
RADAR DETECTION
REMOTE SENSING
SIGNAL DETECTION
CORRELATION DETECTION
TARGET RECOGNITION
ULTRASONIC FLAW DETECTION
RT ACQUISITION
DATA ACQUISITION
DETECTORS
EARLY WARNING SYSTEMS
EXAMINATION

NASA THESAURUS (VOLUME 1)

DETECTION-(CONT)

EXPLORATION
GAS DETECTORS
IDENTIFYING
INSPECTION
INTELLIGENCE
MARKING
MEASUREMENT
MISSILE SIGNATURES
OBSERVATION
POSITION (LOCATION)
RADAR SIGNATURES
SIGNATURE ANALYSIS
SIGNATURES
SOUND LOCALIZATION
SOUND RANGING
SPACE OBSERVATIONS (FROM EARTH)
SURVEILLANCE
TARGET ACQUISITION
TARGETS
TRACKING (POSITION)
WARNING
WARNING SYSTEMS

DETECTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT AIRCRAFT DETECTION
ANALYZERS
AUTODYNES
CHARACTER RECOGNITION
CORRELATION DETECTION
DEMODULATION
DETECTION
DISPLAY DEVICES
FLIR DETECTORS
FOREST FIRE DETECTION
GAS DETECTORS
HAZARDS
HELMET MOUNTED DISPLAYS
INDICATING INSTRUMENTS
INFRARED DETECTORS
INSTRUMENT RECEIVERS
LASER TARGET DESIGNATORS
LIFE DETECTORS
MEASURING INSTRUMENTS
MINE DETECTORS
MONITORS
MULTISPECTRAL LINEAR ARRAYS
PHASE DETECTORS
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
READERS
RECEIVERS
REMOTE SENSORS
SAFETY
SIGNAL DETECTION
SIGNAL DETECTORS
SQUID (DETECTORS)
TELECOMMUNICATION
TRANSDUCERS
ULTRASONIC FLAW DETECTION
VENTURI TUBES
WARNING
WARNING SYSTEMS

DETERGENTS

RT ETHYLENEDIAMINETETRAACETIC ACIDS
LUBRICATING OILS
SOAPS
SURFACTANTS

DETERIORATION

RT ATROPHY
BIODEGRADABILITY
BIODEGRADATION
CORROSION
DAMAGE
DECAY
DECOMPOSITION
DEGENERATION
DEGRADATION
DEPOLYMERIZATION
DEPRECIATION
DISINTEGRATION
DURABILITY
EROSION
EROSIVE BURNING
FAILURE
HOT CORROSION
RUSTING
SOIL EROSION
SYSTEM FAILURES
WEAR

DETERIORATION-(CONT)

WEATHERING

DETERMINANTS

GS ALGEBRA
DETERMINANTS
 RT LINEAR EQUATIONS
 MATRICES (MATHEMATICS)

DETERMINATION

USE MEASUREMENT

DETONABLE GAS MIXTURES

GS GASES
 GAS MIXTURES
DETONABLE GAS MIXTURES
 MIXTURES
 SOLUTIONS
 GAS MIXTURES
DETONABLE GAS MIXTURES
 RT CHEMICAL EXPLOSIONS
 FIRING (IGNITING)
 FLAMMABILITY
 FLAMMABLE GASES
 GAS EXPLOSIONS
 GAS-GAS INTERACTIONS
 OXYACETYLENE

DETONATION

UF CHAPMAN-JOUGET FLAME
 RT CHEMICAL EXPLOSIONS
 COMBUSTION
 ∞ DISCHARGE
 EXPLOSIONS
 FIRING (IGNITING)
 FLAME PROPAGATION
 INITIATION
 PERCUSSION
 PRIMERS (EXPLOSIVES)
 PROPELLANT EXPLOSIONS
 ROCKET FIRING
 SHOCK WAVES

DETONATION WAVES

GS ELASTIC WAVES
 SHOCK WAVES
DETONATION WAVES
 RT COMBUSTIBLE FLOW
 FLAME PROPAGATION
 GAS EXPLOSIONS
 SEISMIC WAVES
 SOUND WAVES
 ∞ WAVES

DETONATORS

GS EXPLOSIVE DEVICES
 INITIATORS (EXPLOSIVES)
DETONATORS
 IGNITERS
 INITIATORS (EXPLOSIVES)
DETONATORS
 RT CAPS (EXPLOSIVES)
 EXPLODING WIRES
 EXPLOSIVES
 FULMINATES
 FUSES (ORDNANCE)
 PRIMERS (EXPLOSIVES)
 SODIUM AZIDES

DEUTERIDES

GS HYDROGEN COMPOUNDS
 DEUTERIUM COMPOUNDS
DEUTERIDES
 RT HYDRIDES

DEUTERIUM

UF HYDROGEN 2
 GS CHEMICAL ELEMENTS
 HYDROGEN
 HYDROGEN ISOTOPES
DEUTERIUM
 NUCLIDES
 ISOTOPES
 HYDROGEN ISOTOPES
DEUTERIUM
 GASES
 HYDROGEN
 HYDROGEN ISOTOPES
DEUTERIUM
 RT HEAVY WATER
 HYDROGEN FUELS
 HYDROGEN PLASMA
 NUCLEAR FUELS

DEUTERIUM COMPOUNDS

GS HYDROGEN COMPOUNDS
DEUTERIUM COMPOUNDS
 DEUTERIDES
 DEUTERIUM FLUORIDES
 HEAVY WATER
 RT ∞ CHEMICAL COMPOUNDS

DEUTERIUM FLUORIDE LASERS

USE DF LASERS

DEUTERIUM FLUORIDES

UF DF
 GS HYDROGEN COMPOUNDS
 DEUTERIUM COMPOUNDS
DEUTERIUM FLUORIDES
 RT DF LASERS

DEUTERIUM OXIDES

USE HEAVY WATER

DEUTERIUM PLASMA

GS CHEMICAL ELEMENTS
 HYDROGEN
 HYDROGEN PLASMA
DEUTERIUM PLASMA
 GASES
 HYDROGEN
 HYDROGEN PLASMA
DEUTERIUM PLASMA
 RT DEUTERONS

DEUTERON IRRADIATION

GS IRRADIATION
 ION IRRADIATION
DEUTERON IRRADIATION
 RT ALPHA PARTICLES
 CHARGED PARTICLES
 NUCLEAR FUSION
 PARTICLES
 PLASMAS (PHYSICS)
 PROTON IRRADIATION

DEUTERONS

GS IONS
DEUTERONS
 PARTICLES
 ELEMENTARY PARTICLES
DEUTERONS
 RT ALPHA PARTICLES
 COSMIC RAYS
 DEUTERIUM PLASMA
 PHOTOMAGNETIC EFFECTS
 PLASMAS (PHYSICS)
 POMERANCHUK THEOREM
 PROTONS

DEVELOPERS (PHOTOGRAPHY)

USE PHOTOGRAPHIC DEVELOPERS

DEVELOPING NATIONS

RT CARIBBEAN REGION
 ECONOMIC DEVELOPMENT
 ECONOMIC FACTORS
 NATIONS
 UNITED NATIONS

∞ DEVELOPMENT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ENERGY POLICY
 EVOLUTION (DEVELOPMENT)
 EXPLOITATION
 GROWTH
 LAND USE
 MANAGEMENT PLANNING
 MISSILE DESIGN
 PERSONNEL DEVELOPMENT
 PHOTOGRAPHIC DEVELOPERS
 PRODUCT DEVELOPMENT
 RURAL LAND USE
 STARSITE PROGRAM
 TRAINING ANALYSIS
 URBAN DEVELOPMENT

DEVIATION

RT ABERRATION
 ABNORMALITIES
 ASYMMETRY
 ∞ DISPERSION
 DISTORTION
 DIVERGENCE
 ∞ DRIFT

DEVIATION-(CONT)

ECCENTRICITY
 HETEROGENEITY
 IRREGULARITIES
 NONSYNCHRONIZATION
 VARIATIONS

∞ DEVICES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR BAG RESTRAINT DEVICES
 ALPHA PLASMA DEVICES
 ANTISKID DEVICES
 BULK ACOUSTIC WAVE DEVICES
 CHIPS (MEMORY DEVICES)
 CYCLOTRON RESONANCE DEVICES
 ERROR CORRECTING DEVICES
 EXPLOSIVE DEVICES
 LIFT DEVICES
 LIFTING BODIES
 MECHANICAL DEVICES
 NDM SEMICONDUCTOR DEVICES
 NUCLEAR DEVICES
 PHOTOELECTROCHEMICAL DEVICES
 PLASMA DISPLAY DEVICES
 POSITIONING DEVICES (MACHINERY)
 SAFETY DEVICES
 SELF ERECTING DEVICES
 SELF REPAIRING DEVICES
 SOLID STATE DEVICES
 SURFACE ACOUSTIC WAVE DEVICES
 TRAINING DEVICES
 TRAPATT DEVICES

DEVITRIFICATION

USE CRYSTALLIZATION

DEW

GS PRECIPITATION (METEOROLOGY)
DEW
 RT ACID RAIN
 FROST
 WATER VAPOR

DEW POINT

RT ATMOSPHERIC MOISTURE
 CONDENSING
 HYGROMETERS

DEWAR SYSTEMS

USE CRYOGENIC EQUIPMENT

DEWATERING

RT DEHYDRATION
 DRYING
 POLLUTION CONTROL
 WASTE DISPOSAL
 WATER RECLAMATION

DEWAXING

RT DECONTAMINATION
 REFINING

DEWETTING

USE DRYING

DEXTRANS

GS ALIPHATIC COMPOUNDS
 POLYSACCHARIDES
DEXTRANS
 SUGARS
DEXTRANS
 CARBOHYDRATES
 POLYSACCHARIDES
DEXTRANS
 SUGARS
DEXTRANS

DF

USE DEUTERIUM FLUORIDES

DF LASERS

UF DEUTERIUM FLUORIDE LASERS
 GS STIMULATED EMISSION DEVICES
 LASERS
 GAS LASERS
DF LASERS
 RT DEUTERIUM FLUORIDES

DFA

USE DELAYED FLAP APPROACH

DH 106 AIRCRAFT

DH 106 AIRCRAFT
USE COMET 4 AIRCRAFT

DH 112 AIRCRAFT

UF DE HAVILLAND DH 112 AIRCRAFT
DE HAVILLAND VENOM AIRCRAFT
VENOM AIRCRAFT
GS ATTACK AIRCRAFT
DH 112 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 112 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 112 AIRCRAFT
JET AIRCRAFT
DH 112 AIRCRAFT
MONOPLANES
DH 112 AIRCRAFT
RT ∞ AIRCRAFT

DH 115 AIRCRAFT

UF DE HAVILLAND DH 115 AIRCRAFT
VAMPIRE AIRCRAFT
GS ATTACK AIRCRAFT
DH 115 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 115 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 115 AIRCRAFT
JET AIRCRAFT
DH 115 AIRCRAFT
MONOPLANES
DH 115 AIRCRAFT
TRAINING AIRCRAFT
DH 115 AIRCRAFT
RT ∞ AIRCRAFT

DH 121 AIRCRAFT

UF DE HAVILLAND DH 121 AIRCRAFT
TRIDENT AIRCRAFT
GS COMMERCIAL AIRCRAFT
DH 121 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 121 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 121 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
DH 121 AIRCRAFT
MONOPLANES
DH 121 AIRCRAFT
PASSENGER AIRCRAFT
DH 121 AIRCRAFT
TRANSPORT AIRCRAFT
DH 121 AIRCRAFT
RT ∞ AIRCRAFT

DH 125 AIRCRAFT

UF DE HAVILLAND DH 125 AIRCRAFT
HS-125 AIRCRAFT
JET DRAGON AIRCRAFT
GS DE HAVILLAND AIRCRAFT
DH 125 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DH 125 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 125 AIRCRAFT
JET AIRCRAFT
DH 125 AIRCRAFT
LIGHT AIRCRAFT
DH 125 AIRCRAFT
MONOPLANES
DH 125 AIRCRAFT
PASSENGER AIRCRAFT
DH 125 AIRCRAFT
TRANSPORT AIRCRAFT
DH 125 AIRCRAFT
RT ∞ AIRCRAFT

DHC BEAVER AIRCRAFT

USE DHC 2 AIRCRAFT

DHC 2 AIRCRAFT

UF DHC BEAVER AIRCRAFT
GS DE HAVILLAND AIRCRAFT
DH 2 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DH 2 AIRCRAFT
JET AIRCRAFT
DH 2 AIRCRAFT
MONOPLANES
DH 2 AIRCRAFT
TRANSPORT AIRCRAFT
DH 2 AIRCRAFT
RT ∞ AIRCRAFT

DHC 4 AIRCRAFT

UF AC-1 AIRCRAFT
CARIBOU AIRCRAFT
CV-2 AIRCRAFT
GS DE HAVILLAND DHC 4 AIRCRAFT
DE HAVILLAND AIRCRAFT
DHC 4 AIRCRAFT
MONOPLANES
DHC 4 AIRCRAFT
TRANSPORT AIRCRAFT
DHC 4 AIRCRAFT
UTILITY AIRCRAFT
DHC 4 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
DHC 4 AIRCRAFT
RT ∞ AIRCRAFT

DHC 5 AIRCRAFT

UF BUFFALO AIRCRAFT
CV-7 AIRCRAFT
GS DE HAVILLAND DHC 5 AIRCRAFT
DE HAVILLAND AIRCRAFT
DHC 5 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
DHC 5 AIRCRAFT
MONOPLANES
DHC 5 AIRCRAFT
TRANSPORT AIRCRAFT
DHC 5 AIRCRAFT
UTILITY AIRCRAFT
DHC 5 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
DHC 5 AIRCRAFT
RT ∞ AIRCRAFT

DIABETES MELLITUS

GS DISEASES
DIABETES MELLITUS
RT CARBOHYDRATE METABOLISM
ENZYME ACTIVITY
INSULIN
PANCREAS
URINALYSIS

DIADEME SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
DIADEME SATELLITES

DIAGNOSIS

RT ∞ ANALYZING
ANESTHESIOLOGY
BEHAVIOR
CLINICAL MEDICINE
DISEASES
EXAMINATION
INJURIES
MEDICAL EQUIPMENT
MEDICAL SCIENCE
PATHOLOGY
PROGNOSIS
PSYCHOLOGY
PSYCHOMETRICS
VETERINARY MEDICINE

DIAGRAMS

GS DIAGRAMS
BENDING DIAGRAMS
BLOCK DIAGRAMS
CIRCUIT DIAGRAMS
COLOR-MAGNITUDE DIAGRAM
CREEP DIAGRAMS
FEYNMAN DIAGRAMS
HERTZSPRUNG-RUSSELL DIAGRAM
MOLLIER DIAGRAM
NYQUIST DIAGRAM
PHASE DIAGRAMS
S-N DIAGRAMS
STRESS-STRAIN DIAGRAMS
TEPHIGRAMS
VENN DIAGRAMS
RT CHARTS
DRAWINGS
GEOMETRY
GRAPHIC ARTS
VISUAL AIDS

DIAL SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
DIAL SATELLITE

NASA THESAURUS (VOLUME 1)**DIAL SATELLITE-(CONT)**

RT AERONOMY
ASTRONOMICAL PHOTOMETRY
EUROPEAN SPACE PROGRAMS
SATELLITE-BORNE INSTRUMENTS

DIALYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
DIALYL COMPOUNDS
RT ALLYL COMPOUNDS
∞ CHEMICAL COMPOUNDS

DIALS

UF POINTERS
RT DISPLAY DEVICES
INDICATING INSTRUMENTS

DIALYSIS

GS DIALYSIS
ELECTRODIALYSIS
RT DIAPHRAGMS (MECHANICS)
DIFFUSION
EXTRACTION
PERMEATING
∞ SEPARATION

DIAMAGNETISM

UF MEISSNER EFFECT
GS MAGNETIC PROPERTIES
DIAMAGNETISM
RT CURIE TEMPERATURE
CYCLOTRON RESONANCE
ELECTRICAL PROPERTIES
FERROMAGNETISM
PARAMAGNETISM

DIAMANT LAUNCH VEHICLE

GS LAUNCH VEHICLES
DIAMANT LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
DIAMANT LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

DIAMETERS

GS DIMENSIONS
DIAMETERS
RT CIRCUMFERENCES
GEOMETRY
RADI
THICKNESS

DIAMINES

GS AMINES
DIAMINES
ETHYLENEDIAMINE
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE

DIAMOND WINGS

USE LOW ASPECT RATIO WINGS
SWEPT WINGS

DIAMONDS

GS DIAMONDS
METEORITIC DIAMONDS
RT ABRASIVES
CARBON
SINGLE CRYSTALS

DIAPHRAGM (ANATOMY)

GS ANATOMY
RESPIRATORY SYSTEM
DIAPHRAGM (ANATOMY)
RT ∞ DIAPHRAGMS
MUSCLES
THORAX

∞ DIAPHRAGMS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DIAPHRAGM (ANATOMY)
DIAPHRAGMS (MECHANICS)
ELECTROLYTIC CELLS
MEMBRANES

DIAPHRAGMS (MECHANICS)

SN (NON-ANATOMICAL)
UF BLADDERS (MECHANICS)
GS DIAPHRAGMS (MECHANICS)
EXPULSION BLADDERS

DIAPHRAGMS (MECHANICS)-(CONT)

RT CATHOLYTES
DIALYSIS
∞ DIAPHRAGMS
ELECTROLYTIC CELLS
MEMBRANE STRUCTURES
MEMBRANES
OPTICAL FILTERS
OSMOSIS
THIN PLATES
THIN WALLS
WEBS (SHEETS)
WEBS (SUPPORTS)

DIASTOLE

GS ANATOMY
CARDIOVASCULAR SYSTEM
DIASTOLE
RT BLOOD CIRCULATION
BLOOD FLOW
BLOOD PRESSURE
DIASTOLIC PRESSURE
HEART
HEART RATE
SYSTOLE

DIASTOLIC PRESSURE

GS PRESSURE
BLOOD PRESSURE
DIASTOLIC PRESSURE
RT CARDIAC VENTRICLES
DIASTOLE

DIATOMIC GASES

GS GASES
MOLECULAR GASES
POLYATOMIC GASES
DIATOMIC GASES

DIATOMIC MOLECULES

GS MOLECULES
DIATOMIC MOLECULES
RT LOW MOLECULAR WEIGHTS
MORSE POTENTIAL
TRIATOMIC MOLECULES

DIBASIC COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
MONOMERS

DIBORANE

GS BORON COMPOUNDS
DIBORANE
HYDROGEN COMPOUNDS
HYDRIDES
DIBORANE

DIBROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
DIBROMIDES
HALIDES
BROMIDES
DIBROMIDES

DIBUTYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
DIBUTYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

DICARBOXYLIC ACIDS

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
DICARBOXYLIC ACIDS
TEREPHTHALATE

DICHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
DICHLORIDES
HALIDES
CHLORIDES
DICHLORIDES

DICHLORODIPHENYLTRICHLOROETHANE

USE DDT

DICHOTOMIES

GS CLASSIFICATIONS
HIERARCHIES

DICHOTOMIES-(CONT.)**DICHOTOMIES****DICHROISM**

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
DICHROISM
RT COLOR
ISOCHROMATICS
LIGHT (VISIBLE RADIATION)
PHOTOELASTICITY

DICHROMATES

USE CHROMATES

DICKE RADIOMETERS

UF DICKE TYPE RADIOMETERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
DICKE RADIOMETERS
RT BOLOMETERS
THERMOPILES

DICKE TYPE RADIOMETERS

USE DICKE RADIOMETERS

DICTIONARIES

UF GLOSSARIES
RT CODING
DECODING
∞ DEFINITION
DOCUMENTS
NOMENCLATURES
SPACE GLOSSARIES
TERMINOLOGY

DIDYMIUM

RT LANTHANUM
NEODYMIUM
OPTICAL FILTERS
PRASEODYMIUM

DIELDRIN

GS POISONS
PESTICIDES
INSECTICIDES
DIELDRIN

DIELECTRIC CONSTANT

USE PERMITTIVITY

DIELECTRIC MATERIALS

USE DIELECTRICS

DIELECTRIC PERMEABILITY

GS PERMEABILITY
DIELECTRIC PERMEABILITY
RT MAGNETIC PERMEABILITY

DIELECTRIC POLARIZATION

GS POLARIZATION (CHARGE SEPARATION)
DIELECTRIC POLARIZATION
RT DIELECTRICS
ELECTRETS
ELECTRIC FIELDS

DIELECTRIC PROPERTIES

GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
DIELECTRIC PROPERTIES
PERMITTIVITY
RT ANTIFERROELECTRICITY
CAPACITANCE
FERROELECTRICITY
∞ PROPERTIES
SOMMERFELD WAVES

DIELECTRICS

UF DIELECTRIC MATERIALS
GS DIELECTRICS
LOSSLESS MATERIALS
RADOME MATERIALS
RT BARIUM TITANATES
CAPACITANCE SWITCHES
CAPACITIVE FUEL GAGES
CAPACITORS
CERAMICS
DIELECTRIC POLARIZATION
ELECTRETS
ELECTRIC CONDUCTORS
ELECTRICAL INSULATION
ELECTROMAGNETIC SURFACE WAVES

DIELECTRICS-(CONT)

∞ INSULATED STRUCTURES
INSULATORS
MAGNETOELECTRIC MEDIA
SCREEN EFFECT
SPARK GAPS

DIELECTRONIC SATELLITE LINES

USE RESONANCE LINES

DIELS-ALDER REACTIONS

GS CHEMICAL REACTIONS
DIELS-ALDER REACTIONS
RT ORGANIC CHEMISTRY

DIENCEPHALON

GS NERVOUS SYSTEM
DIENCEPHALON
RT BRAIN

DIENES

GS HYDROCARBONS
DIENES
BUTADIENE
HEPTADIENE
HEXADIENE

DIES

RT CASTING
COINING
CUTTERS
EXTRUDING
INJECTION MOLDING
MACHINE TOOLS
MOLDS
PULTRUSION
PUNCHES
RHEOCASTING
STAMPING

DIESEL ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
DIESEL ENGINES
PISTON ENGINES
DIESEL ENGINES
RT LOCOMOTIVES

DIESEL FUELS

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
DIESEL FUELS
LIQUID FUELS
DIESEL FUELS
RT AUTOMOBILE FUELS
GASOLINE
INTERNAL COMBUSTION ENGINES
KEROSENE

DIETHYL ETHER

GS ETHERS
DIETHYL ETHER

DIETHYL HYDROGEN PHOSPHITE (DEHP)

UF DEHP
GS PHOSPHORUS COMPOUNDS
DIETHYL HYDROGEN PHOSPHITE
(DEHP)
RT ETHYL COMPOUNDS

DIETS

RT CALORIC REQUIREMENTS
FASTING
∞ FOOD
NUTRITION
SPACE FLIGHT FEEDING

DIFFERENCE EQUATIONS

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
DIFFERENCE EQUATIONS
RT APPROXIMATION
DIFFERENCES
DIFFERENTIAL EQUATIONS
∞ EQUATIONS
FINITE DIFFERENCE THEORY
LINEAR EVOLUTION EQUATIONS
NONLINEAR EVOLUTION EQUATIONS
NUMERICAL STABILITY

DIFFERENCES

RT DIFFERENCE EQUATIONS
DIVERGENCE

DIFFERENTIAL ALGEBRA

DIFFERENCES-(CONT)

FINITE DIFFERENCE THEORY
GRADIENTS
VARIATIONS

DIFFERENTIAL ALGEBRA

USE DIFFERENTIAL CALCULUS
MATRICES (MATHEMATICS)

DIFFERENTIAL AMPLIFIERS

GS AMPLIFIERS
RT DIFFERENTIAL AMPLIFIERS
ANALOG COMPUTERS
ERROR SIGNALS
OPERATIONAL AMPLIFIERS
TRANSISTOR AMPLIFIERS

DIFFERENTIAL ANALYZERS

RT ALGORITHMS
ANALOG COMPUTERS
COMPUTERIZED SIMULATION
DIFFERENTIAL EQUATIONS
DIGITAL COMPUTERS
DIGITAL INTEGRATORS

DIFFERENTIAL CALCULUS

UF DERIVATION CALCULUS
DIFFERENTIAL ALGEBRA
GS ANALYSIS (MATHEMATICS)
CALCULUS
RT DIFFERENTIAL CALCULUS
DIFFERENTIATION
DIFFERENTIATORS
INTEGRAL CALCULUS
LIMITS (MATHEMATICS)
MINIMA
NUMERICAL DIFFERENTIATION
OPTIMIZATION
REAL VARIABLES

DIFFERENTIAL EQUATIONS

UF DIFFERENTIAL OPERATORS
INTEGRODIFFERENTIAL EQUATIONS
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
BLASIUS EQUATION
CAUCHY-RIEMANN EQUATIONS
CHANDRASEKHAR EQUATION
COSINE SERIES
DUFFING DIFFERENTIAL EQUATION
FALKNER-SKAN EQUATION
HYPERBOLIC DIFFERENTIAL
EQUATIONS
LAME WAVE EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
BIHARMONIC EQUATIONS
BURGER EQUATION
ELLIPTIC DIFFERENTIAL
EQUATIONS
MONGE-AMPERE EQUATION
EULER-CAUCHY EQUATIONS
FOKKER-PLANCK EQUATION
GAUSS EQUATION
HELMHOLTZ VORTICITY EQUATION
LIOUVILLE EQUATIONS
PARABOLIC DIFFERENTIAL
EQUATIONS
VLASOV EQUATIONS
POISSON EQUATION
RT AIRY FUNCTION
ASYMPTOTIC PROPERTIES
BACKWARD DIFFERENCING
BESSEL FUNCTIONS
BETHE-SALPETER EQUATION
BOND GRAPHS
BOUNDARY LAYER EQUATIONS
BOUNDARY VALUE PROBLEMS
CALCULUS
CALCULUS OF VARIATIONS
CAUCHY PROBLEM
CRANK-NICHOLSON METHOD
DIFFERENCE EQUATIONS
DIFFERENTIAL ANALYZERS
DIRICHLET PROBLEM
DISTRIBUTED PARAMETER SYSTEMS
EQUATIONS
FLOQUET THEOREM
FOURIER ANALYSIS
FOURIER-BESSEL TRANSFORMATIONS
FUNCTIONAL INTEGRATION
GREEN'S FUNCTIONS
HALF PLANES
HANKEL FUNCTIONS
HILL DETERMINANT

DIFFERENTIAL EQUATIONS-(CONT)

INTEGRAL EQUATIONS
INTEGRALS
LAGRANGE MULTIPLIERS
LAME FUNCTIONS
LAPLACE TRANSFORMATION
LIAPUNOV FUNCTIONS
LINEARITY
LIPSCHITZ CONDITION
MATHIEU FUNCTION
MAXIMUM PRINCIPLE
MILNE METHOD
NEUMANN PROBLEM
NONLINEAR EQUATIONS
NONLINEARITY
NUMERICAL ANALYSIS
NUMERICAL DIFFERENTIATION
NUMERICAL INTEGRATION
NUMERICAL STABILITY
OPERATIONAL CALCULUS
PFAFF EQUATION
POTENTIAL THEORY
RICCATI EQUATION
RIEMANN WAVES
RIESZ THEOREM
SCHAUDER FIXPOINT THEOREM
SCHMIDT METHOD
SPECTRAL METHODS
STABILITY DERIVATIVES
STURM-LIOUVILLE THEORY
VECTOR ANALYSIS
WHITTAKER FUNCTIONS

DIFFERENTIAL GEOMETRY

UF NONEUCLIDIAN GEOMETRY
GS GEOMETRY
DIFFERENTIAL GEOMETRY
LIE GROUPS
SPINOR GROUPS
RIEMANN MANIFOLD
TENSOR ANALYSIS
RT ANALYTIC GEOMETRY
ANALYZING
CURVATURE
CURVES (GEOMETRY)
INVARIANT IMBEDDINGS
LOFTING
RELATIVITY

DIFFERENTIAL INTERFEROMETRY

GS INTERFEROMETRY
DIFFERENTIAL INTERFEROMETRY

DIFFERENTIAL OPERATORS

USE DIFFERENTIAL EQUATIONS
OPERATORS (MATHEMATICS)

DIFFERENTIAL PRESSURE

GS PRESSURE
DIFFERENTIAL PRESSURE
RT PRESSURE DISTRIBUTION
PRESSURE GRADIENTS
PRESSURE MEASUREMENT

DIFFERENTIAL PULSE CODE MODULATION

UF DPCM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE CODE MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
RT BITERNARY CODE
DECOMMUTATORS
LINEAR PREDICTION
P A C M TELEMETRY
PCM TELEMETRY
PULSE COMMUNICATION
PULSE FREQUENCY MODULATION
TELEMETRY
UNIFIED S BAND

DIFFERENTIAL THERMAL ANALYSIS

USE THERMAL ANALYSIS

DIFFERENTIATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT TERMS
LISTED BELOW)
RT ANATOMY
DIFFERENTIAL CALCULUS
DIFFERENTIATION (BIOLOGY)
DISCRIMINATION

DIFFERENTIATION (BIOLOGY)

RT ANATOMY

NASA THESAURUS (VOLUME 1)

DIFFERENTIATION (BIOLOGY)-(CONT)

BIOLG
CYTOGENESIS
DIFFERENTIATION
EMBRYOLOGY
MORPHOLOGY
PHYSIOLOGY

DIFFERENTIATORS

RT CIRCUITS
DIFFERENTIAL CALCULUS
INTEGRATORS
NETWORKS

DIFFRACTION

UF INTERFERENCE MONOCHROMATIZATION
KIRCHHOFF-HUYGENS PRINCIPLE
GS DIFFRACTION
ELECTRON DIFFRACTION
FRESNEL DIFFRACTION
NEUTRON DIFFRACTION
PULSE DIFFRACTION
WAVE DIFFRACTION
X RAY DIFFRACTION
RT ATMOSPHERIC SCATTERING
ATTENUATION
BRAGG ANGLE
CAUSTICS (OPTICS)
CRYSTAL OPTICS
DEBYE-SCHERRER METHOD
DEFLECTION
DIFFRACTOMETERS
ECHELETTE GRATINGS
ELECTROMAGNETIC RADIATION
GEOMETRICAL THEORY OF
DIFFRACTION
HUYGENS PRINCIPLE
ISOCROMATICS
LAUE METHOD
MOIRE EFFECTS
MOSAICS
OPTICAL PROPERTIES
RAY TRACING
REFRACTION
TRANSMISSION
WAVE DISPERSION
WAVE PROPAGATION

DIFFRACTION GRATINGS

USE GRATINGS (SPECTRA)

DIFFRACTION LIMITED CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
DIFFRACTION LIMITED CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SPACEBORNE TELESCOPES

DIFFRACTION PATHS

RT BRAGG ANGLE
ELECTRON TRAJECTORIES
MULTIPATH TRANSMISSION
OPTICAL PATHS
PATHS
SPHERICAL WAVES

DIFFRACTION PATTERNS

UF FRINGE PATTERNS
GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
RT DIFFRACTOMETERS
FRESNEL INTEGRALS
FRESNEL REGION
FRINGE MULTIPLICATION
GEOMETRICAL THEORY OF
DIFFRACTION
HOLOGRAPHIC INTERFEROMETRY
INTERFEROMETRY
MOIRE FRINGES
MOIRE INTERFEROMETRY
NULL ZONES
OPTICS
PATTERNS
PHASE CONTRAST
POMERANCHUK THEOREM
SIGNAL FADING
SPECKLE PATTERNS
UNDERWATER OPTICS

DIFFRACTION PATTERNS-(CONT)

VERY LONG BASE INTERFEROMETRY

DIFFRACTION PROPAGATION

- GS TRANSMISSION
 - WAVE PROPAGATION
- RT **DIFFRACTION PROPAGATION**
 - GEOMETRICAL OPTICS
 - ∞ OPTICS
 - ∞ PROPAGATION
 - SPHERICAL WAVES
 - UNDERWATER OPTICS

DIFFRACTION TELESCOPES

USE SPECTROSCOPIC TELESCOPES

DIFFRACTOMETERS

- GS MEASURING INSTRUMENTS
 - OPTICAL MEASURING INSTRUMENTS
- DIFFRACTOMETERS**
- OPTICAL EQUIPMENT
- OPTICAL MEASURING INSTRUMENTS
- RT **DIFFRACTOMETERS**
 - CHEMICAL ANALYSIS
 - DIFFRACTION
 - DIFFRACTION PATTERNS
 - GONIOMETERS
 - INTERFEROMETERS
 - MACH-ZEHNDER INTERFEROMETERS
 - OPTICAL MEASUREMENT
 - PHOTOGONIOMETERS
 - SPECTROMETERS
 - WAVE FRONT RECONSTRUCTION

DIFFUSE RADIATION

- UF LUNAR SCATTERING
- RT HEAT TRANSFER
- LIGHT SCATTERING
- POINT SOURCES
- ∞ RADIATION
- SPECULAR REFLECTION

∞ DIFFUSERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- UF SHOCK DIFFUSERS
- RT AIR CONDITIONING
- AIR CONDITIONING EQUIPMENT
- ATTENUATORS
- BAFFLES
- BOUNDARY LAYER SEPARATION
- CEILINGS (ARCHITECTURE)
- CHOKES
- CONICAL FLOW
- DEFLECTORS
- DIFFUSION
- DIVERTERS
- ENGINE INLETS
- EXHAUST DIFFUSERS
- HYPERSONIC INLETS
- ∞ ILLUMINATION
- INLET FLOW
- INLET NOZZLES
- LOUVERS
- MIXERS
- MUFFLERS
- ∞ NOZZLES
- POROUS WALLS
- PRESSURE RECOVERY
- SEPARATORS
- SPRAYERS
- SUPERSONIC DIFFUSERS
- VANELESS DIFFUSERS
- VENTILATORS

DIFFUSION

- UF DIFFUSION EFFECT
- PERFUSION
- GS **DIFFUSION**
 - AMBIPOLAR DIFFUSION
 - ATMOSPHERIC DIFFUSION
 - GASEOUS DIFFUSION
 - GASEOUS SELF-DIFFUSION
 - MAGNETIC DIFFUSION
 - MOLECULAR DIFFUSION
 - PARTICLE DIFFUSION
 - ELECTRON DIFFUSION
 - IONIC DIFFUSION
 - PLASMA DIFFUSION
 - SELF DIFFUSION (SOLID STATE)
 - SELF PROPAGATION
 - SPECIES DIFFUSION
 - SURFACE DIFFUSION
 - THERMAL DIFFUSION

DIFFUSION-(CONT)

- TURBULENT DIFFUSION
- RT ∞ ABSORPTION
- ADSORPTION
- AIR POLLUTION
- ATMOSPHERIC SCATTERING
- CHEMICAL ENGINEERING
- CIRCULATION
- DEHUMIDIFICATION
- DIALYSIS
- ∞ DIFFUSERS
- DIFFUSIVITY
- DILUTION
- DISPERSING
- ∞ DISPERSION
- DISSIPATION
- DISSOLVING
- DISTILLATION
- DRYING
- ∞ EFFECTS
- ∞ EQUILIBRIUM
- EVAPORATION
- EXTRACTION
- FICKS EQUATION
- GAS-METAL INTERACTIONS
- KINETIC THEORY
- MIXING
- NONPOINT SOURCES
- OSMOSIS
- PENETRATION
- PERCOLATION
- PERMEABILITY
- PERMEATING
- ∞ PROPAGATION
- RADIAL FLOW
- REFLECTION
- SCATTERING
- SELF ABSORPTION
- ∞ SEPARATION
- SOUND PROPAGATION
- SOUND WAVES
- SPRAYING
- SPREADING
- SUBLIMATION
- SURFACE PROPERTIES
- TRANSPORT PROPERTIES

DIFFUSION BONDING

USE DIFFUSION WELDING

DIFFUSION COEFFICIENT

- GS COEFFICIENTS
- DIFFUSION COEFFICIENT**
- SORET COEFFICIENT
- TRANSPORT PROPERTIES
- DIFFUSION COEFFICIENT**
- SORET COEFFICIENT
- RT ATTENUATION COEFFICIENTS
- ∞ EQUILIBRIUM
- FICKS EQUATION
- GASEOUS DIFFUSION
- LEWIS NUMBERS
- MASS FLOW RATE
- MOLECULAR DIFFUSION
- PARTICLE DIFFUSION

DIFFUSION EFFECT

USE DIFFUSION

DIFFUSION ELECTRODES

- GS ELECTRODES
- DIFFUSION ELECTRODES**
- RT ELECTROLYTIC CELLS
- SEMICONDUCTOR DEVICES

DIFFUSION FLAMES

- GS FLAMES
- DIFFUSION FLAMES**
- RT BOUNDARY LAYER COMBUSTION
- COMBUSTION
- DAMKOLHER NUMBER

DIFFUSION PUMPS

- GS PUMPS
- DIFFUSION PUMPS**
- RT VACUUM APPARATUS
- VACUUM PUMPS

DIFFUSION THEORY

- RT FOKKER-PLANCK EQUATION
- JACOBI INTEGRAL
- KINETIC THEORY
- KIRKENDALL EFFECT
- MONTÉ CARLO METHOD
- ∞ THEORIES

DIFFUSION THEORY-(CONT)

TRANSPORT THEORY

DIFFUSION WAVES

- RT ELASTIC WAVES
- ELECTRON DIFFUSION
- ELECTROSTATIC WAVES
- IONIC DIFFUSION
- KINETIC THEORY
- MOLECULAR DIFFUSION
- PLASMA DIFFUSION
- PLASMA WAVES

DIFFUSION WELDING

- UF DIFFUSION BONDING
- WELDING
- GS PRESSURE WELDING
- DIFFUSION WELDING**
- RT BONDING
- BURNERS
- KIRKENDALL EFFECT
- METAL BONDING
- METAL-METAL BONDING

DIFFUSIVITY

- RT DIFFUSION
- FLUID MECHANICS
- IMPEDANCE
- KIRKENDALL EFFECT
- MOBILITY
- NDM SEMICONDUCTOR DEVICES
- PERMEABILITY
- ∞ PHYSICAL PROPERTIES
- ∞ RESISTANCE
- SOLUBILITY
- THERMODYNAMIC PROPERTIES

DIFLUORIDES

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORIDES
- DIFLUORIDES**
- CALCIUM FLUORIDES
- FLUORSAPAR
- HALIDES
- FLUORIDES
- DIFLUORIDES**
- CALCIUM FLUORIDES
- FLUORSAPAR

DIFLUORO COMPOUNDS

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORO COMPOUNDS
- DIFLUORO COMPOUNDS**
- PERFLUOROALKANE
- POLYTETRAFLUOROETHYLENE
- RT ∞ CHEMICAL COMPOUNDS

DIFLUOROUREA

- GS AMINES
- DIFLUOROUREA**
- NITROGEN COMPOUNDS
- AMIDES
- UREAS
- DIFLUOROUREA**

DIGESTING

- RT EATING
- ENZYMOLGY
- ∞ FOOD
- LYSINE
- MASTICATION
- SOFTENING

DIGESTIVE SYSTEM

- GS ANATOMY
- DIGESTIVE SYSTEM**
- ESOPHAGUS
- GASTROINTESTINAL SYSTEM
- APPENDIX (ANATOMY)
- INTESTINES
- RECTUM
- STOMACH
- MOUTH
- PANCREAS
- TEETH
- TONGUE
- RT ABDOMEN
- ENZYME ACTIVITY
- ENZYMOLGY
- GALL
- ORGANS
- SALIVA
- ∞ SYSTEMS

DIGITAL COMMAND SYSTEMS

DIGITAL COMMAND SYSTEMS

RT NUMERICAL CONTROL
REMOTE CONTROL
SERVOCONTROL
∞ SYSTEMS

DIGITAL COMMUNICATION

USE PULSE COMMUNICATION

DIGITAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS

DIGITAL COMPUTERS

CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
EAI 680 COMPUTER
EAI 8400 COMPUTER
EAI 8900 COMPUTER
EMR 6050 COMPUTER
FERRANTI MERCURY COMPUTER
GE COMPUTERS
GE 625 COMPUTER
GE 635 COMPUTER
HEWLETT-PACKARD COMPUTERS
HONEYWELL COMPUTERS
DDP 516 COMPUTER
HONEYWELL ADEPT COMPUTER
HONEYWELL DDP 116 COMPUTER
HONEYWELL 600/6000 COMPUTER
IBM 360 COMPUTER
IBM 370 COMPUTER
IBM 650 COMPUTER
IBM 704 COMPUTER
IBM 709 COMPUTER
IBM 1130 COMPUTER
IBM 1401 COMPUTER
IBM 1410 COMPUTER
IBM 1620 COMPUTER
IBM 2250 COMPUTER
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
ICL COMPUTERS
ILLIAC COMPUTERS
ILLIAC 3 COMPUTER
ILLIAC 4 COMPUTER
MICROCOMPUTERS
PERSONAL COMPUTERS
MINICOMPUTERS
NOVA COMPUTERS
MODCOMP II COMPUTER
MODCOMP IV COMPUTER
PARALLEL COMPUTERS
PDP COMPUTERS
PDP 7 COMPUTER
PDP 8 COMPUTER
PDP 9 COMPUTER
PDP 10 COMPUTER
PDP 11 COMPUTER
PDP 11/20 COMPUTER
PDP 11/40 COMPUTER
PDP 11/45 COMPUTER
PDP 11/50 COMPUTER
PDP 11/70 COMPUTER
PDP 12 COMPUTER
PDP 15 COMPUTER
PHILCO 2000 COMPUTER
RAYTHEON COMPUTERS
RCA SPECTRA 70 COMPUTER
SDS 900 SERIES COMPUTERS
SDS 930 COMPUTER
SDS 9300 COMPUTER

DIGITAL COMPUTERS-(CONT)

SEL COMPUTERS
SEQUENTIAL COMPUTERS
SIGMA COMPUTERS
SIGMA 9 COMPUTER
SIGMA 5 COMPUTER
SOLOMON COMPUTERS
UNIVAC LARC COMPUTER
UNIVAC 80 COMPUTER
UNIVAC 418 COMPUTER
UNIVAC 490 COMPUTER
UNIVAC 494 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER
UNIVAC 1230 COMPUTER
VAX COMPUTERS
VAX-11 SERIES COMPUTERS
VAX-11/780 COMPUTER
RT ANALOG COMPUTERS
ANALOG TO DIGITAL CONVERTERS
ASSOCIATIVE PROCESSING
(COMPUTERS)
CDC COMPUTERS
COMPUTER COMPATIBLE TAPES
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA PROCESSING
DDP COMPUTERS
DIFFERENTIAL ANALYZERS
HYBRID COMPUTERS
IBM COMPUTERS
LOGIC CIRCUITS
TURING MACHINES
UNIVAC COMPUTERS

DIGITAL DATA

RT ANALOG DATA
BINARY DATA
∞ DATA
DATA CONVERTERS
DATA PROCESSING
VIDEO DATA

DIGITAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
DIGITAL FILTERS
FIR FILTERS
RT ∞ FILTERS
MICROWAVE FILTERS

DIGITAL INTEGRATORS

GS CIRCUITS
DIGITAL INTEGRATORS
INTEGRATORS
DIGITAL INTEGRATORS
RT BINARY INTEGRATION
DIFFERENTIAL ANALYZERS
FUNCTIONAL INTEGRATION
NUMERICAL INTEGRATION

DIGITAL NAVIGATION

GS DIGITAL SYSTEMS
DIGITAL NAVIGATION
NAVIGATION
DIGITAL NAVIGATION
RT AIR NAVIGATION
DEAD RECKONING
INERTIAL NAVIGATION
POLAR NAVIGATION
SPACE NAVIGATION
SURFACE NAVIGATION

DIGITAL RADAR SYSTEMS

GS DIGITAL SYSTEMS
DIGITAL RADAR SYSTEMS
RT ANTIRADIATION MISSILES
DATA PROCESSING EQUIPMENT
RADAR DETECTION
RADAR EQUIPMENT
RADAR RECEIVERS
RADAR SCANNING
RADAR TARGETS
RADAR TRACKING
RADAR TRANSMISSION
SIGNAL ANALYSIS
SURVEILLANCE RADAR
TRACKING RADAR

NASA THESAURUS (VOLUME 1)

DIGITAL SIMULATION

GS MODELS
MATHEMATICAL MODELS
DIGITAL SIMULATION
SIMULATION
COMPUTERIZED SIMULATION
DIGITAL SIMULATION
RT ANALOG SIMULATION
BIOLOGICAL MODELS (MATHEMATICS)
COMPUTER SYSTEMS SIMULATION
WAR GAMES

DIGITAL SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
DIGITAL TELEVISION
DIGITAL SPACECRAFT TELEVISION
TELECOMMUNICATION
PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
TELEVISION SYSTEMS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
RT WIRELESS COMMUNICATION

DIGITAL SYSTEMS

UF BINARY SYSTEMS (DIGITAL)
TERNARY SYSTEMS (DIGITAL)
GS DIGITAL SYSTEMS
DIGITAL NAVIGATION
DIGITAL RADAR SYSTEMS
RT ANALOG TO DIGITAL CONVERTERS
BINARY CODES
BINARY DIGITS
BITERNARY CODE
DATA SYSTEMS
∞ SYSTEMS
SYSTEMS INTEGRATION
TELECOMMUNICATION

DIGITAL TECHNIQUES

RT BCH CODES
BISTABLE CIRCUITS
CODING
COMPUTER PROGRAMMING
ERROR CORRECTING CODES
ERROR DETECTION CODES
∞ METHODOLOGY
NUMERICAL CONTROL
SHIFT REGISTERS
TERMINAL AREA ENERGY MANAGEMENT

DIGITAL TELEVISION

GS DIGITAL TELEVISION
DIGITAL SPACECRAFT TELEVISION
RT PULSE COMMUNICATION
TELEVISION SYSTEMS
TELEVISION TRANSMISSION

DIGITAL TO ANALOG CONVERTERS

GS DATA CONVERTERS
DIGITAL TO ANALOG CONVERTERS
RT ANALOG TO DIGITAL CONVERTERS
∞ CONVERTERS
PLOTTERS
SIGNAL ENCODING
X-Y PLOTTERS

DIGITAL TO VOICE TRANSLATORS

UF DIVOT (VOICE TRANSLATORS)
RT COMPUTERS
∞ TRANSLATORS
VOCODERS
VOICE DATA PROCESSING

DIGITAL TRANSDUCERS

GS TRANSDUCERS
DIGITAL TRANSDUCERS
RT INTERDIGITAL TRANSDUCERS

DIGITALIS

GS DRUGS
DIGITALIS

DIGITIZERS

USE ANALOG TO DIGITAL CONVERTERS

DIGITS

SN (EXCLUDES FINGERS AND TOES)
GS ALPHANUMERIC CHARACTERS
DIGITS

DIGITS-(CONT)

RT ∞ BINARY DIGITS
 ∞ CODES
 DECIMALS
 INTEGERS
 NUMBER THEORY
 ∞ NUMBERS
 SYMBOLS

DIHEDRAL ANGLE

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 ANGLES (GEOMETRY)
DIHEDRAL ANGLE
 RT LATERAL STABILITY

DIHEDRAL EFFECT

USE LATERAL STABILITY

DIHYDRAZINE

GS ALIPHATIC COMPOUNDS
 HYDRAZINES
DIHYDRAZINE

DIHYDRIDES

GS HYDROGEN COMPOUNDS
 HYDRIDES
DIHYDRIDES

DIHYDROXYPHENYLALANINE

USE DOPA

DIISOCYANATES

GS ALIPHATIC COMPOUNDS
DIISOCYANATES
 ESTERS
 ISOCYANATES
DIISOCYANATES
 NITROGEN COMPOUNDS
 CYANO COMPOUNDS
 ISOCYANATES
DIISOCYANATES

DIKES (GEOLOGY)

USE ROCK INTRUSIONS

DILATATION

USE STRETCHING

DILATATIONAL WAVES

GS ELASTIC WAVES
DILATATIONAL WAVES
 RT LONGITUDINAL WAVES
 P WAVES
 S WAVES
 SEISMIC WAVES
 ∞ SHEAR
 STRETCHING
 ∞ WAVES

DILATOMETERS

USE EXTENSOMETERS

DILATOMETRY

RT EXTENSOMETERS
 ∞ MEASUREMENT
 THERMAL EXPANSION

DILUENTS

RT ADDITIVES
 ∞ AGENTS
 COMBUSTION PRODUCTS
 CONTAMINANTS
 DISPERSIONS
 EXHAUST GASES
 SOLVENTS

DILUTION

GS **DILUTION**
 GEOMETRIC DILUTION OF PRECISION
 RT ATTENUATION
 CONCENTRATION (COMPOSITION)
 DIFFUSION
 DISPERSION
 DISPOSAL
 DISSIPATION
 DISSOLVING
 LOW CONCENTRATIONS
 MIXING
 PURITY
 ∞ REDUCTION
 WASTE DISPOSAL

DIMENHYDRINATE

GS AMINES
DIMENHYDRINATE
 DRUGS
 ANTIHISTAMINICS
DIMENHYDRINATE
 HETEROCYCLIC COMPOUNDS
DIMENHYDRINATE

DIMENSIONAL ANALYSIS

RT ∞ APPLICATIONS OF MATHEMATICS
 DIMENSIONLESS NUMBERS
 DIMENSIONS
 FIBERS (MATHEMATICS)
 FLUID FLOW
 PARAMETERIZATION
 SCALING LAWS
 SIMILARITY NUMBERS
 UNITS OF MEASUREMENT

DIMENSIONAL MEASUREMENT

RT DEFORMETERS
 DISTANCE MEASURING EQUIPMENT
 ∞ MEASUREMENT
 MICROMETERS
 SIZE DETERMINATION

DIMENSIONAL STABILITY

GS MECHANICAL PROPERTIES
DIMENSIONAL STABILITY
 STRUCTURAL STABILITY
 SHELL STABILITY
 STABILITY
 STATIC STABILITY
DIMENSIONAL STABILITY
 STRUCTURAL STABILITY
 SHELL STABILITY
 RT CREEP PROPERTIES
 CURL (MATERIALS)
 DYNAMIC STABILITY
 ROCHE LIMIT
 THERMAL STABILITY
 TOLERANCES (MECHANICS)

DIMENSIONLESS NUMBERS

GS RATIOS
DIMENSIONLESS NUMBERS
 BIOT NUMBER
 FROUDE NUMBER
 GRASHOF NUMBER
 HARTMAN NUMBER
 LAVAL NUMBER
 LEWIS NUMBER
 MACH NUMBER
 NUSSELT NUMBER
 PECLET NUMBER
 PRANDTL NUMBER
 RAYLEIGH NUMBER
 REYNOLDS NUMBER
 HIGH REYNOLDS NUMBER
 LOW REYNOLDS NUMBER
 RICHARDSON NUMBER
 SCHMIDT NUMBER
 SIMILARITY NUMBER
 STANTON NUMBER
 STROUHAL NUMBER
 RT DIMENSIONAL ANALYSIS
 FLUID FLOW
 HEAT TRANSFER
 NUMBERS
 SCALING LAWS

DIMENSIONS

GS **DIMENSIONS**
 DEPTH
 DIAMETERS
 FILM THICKNESS
 FRACTALS
 HEIGHT
 SCALE HEIGHT
 LENGTH
 RADII
 LARMOR RADIUS
 TARGET THICKNESS
 WIDTH
 RT AMPLITUDES
 ∞ DESIGN
 DIMENSIONAL ANALYSIS
 DISTANCE
 DRAWINGS
 ENGINEERING DRAWINGS
 FINENESS RATIO
 GEOMETRY
 MAGNITUDE
 PARTICLE SIZE DISTRIBUTION

DIMENSIONS-(CONT)

RELATIVISTIC EFFECTS
 ∞ SPAN
 THICKNESS
 TOPOLOGY
 UNITS OF MEASUREMENT
 VOLUME

DIMERCAPROL

GS ALIPHATIC COMPOUNDS
 THIOLS
DIMERCAPROL
 SULFUR COMPOUNDS
 THIOLS
DIMERCAPROL

DIMERIZATION

GS POLYMERIZATION
DIMERIZATION
 RT COPOLYMERIZATION

DIMERS

GS PREPOLYMERS
DIMERS
 RT MONOMERS
 TRIMERS

DIMETHYLHYDRAZINES

GS ALIPHATIC COMPOUNDS
 HYDRAZINES
DIMETHYLHYDRAZINES
 AMINES
DIMETHYLHYDRAZINES
 RT AEROZINE
 METHYLHYDRAZINE

DIMINUTION

USE REDUCTION

DIMMING

RT BRIGHTNESS
 LIGHT EMISSION
 ∞ REDUCTION

DIMPLING

RT BULGING
 METAL WORKING
 STAMPING

DINING PHILOSOPHERS PROBLEM

RT DISTRIBUTED PROCESSING
 INTERPROCESSOR COMMUNICATION
 PROBLEM SOLVING
 SYNCHRONISM

DINITRATES

GS NITROGEN COMPOUNDS
 NITRATES
DINITRATES

DIODE-TRANSISTOR-LOGIC INTEG CIRCUITS

USE DTL INTEGRATED CIRCUITS

DIODES

UF P-I-N DIODES
 GS ELECTRONIC EQUIPMENT
DIODES
 CESIUM DIODES
 CRYSTAL RECTIFIERS
 PLASMA DIODES
 SEMICONDUCTOR DIODES
 AVALANCHE DIODES
 BARRITT DIODES
 GERMANIUM DIODES
 GUNN DIODES
 JUNCTION DIODES
 LIGHT EMITTING DIODES
 PARAMETRIC DIODES
 PHOTODIODES
 SCHOTTKY DIODES
 TUNNEL DIODES
 VARACTOR DIODES
 RT ELECTRON TUBES
 ION IMPLANTATION
 RECTIFIERS
 SEMICONDUCTOR DEVICES
 SOLIONS
 TRAPATT DEVICES
 TRIODES
 VARACTOR DIODE CIRCUITS

DIONE

GS SATELLITES
 NATURAL SATELLITES

DIOPHANTINE EQUATION

DIONE-(CONT)

GS SATURN SATELLITES
RT SATURN (PLANET)

DIOPHANTINE EQUATION

GS NUMBER THEORY
RT ∞ DIOPHANTINE EQUATION
EQUATIONS

DIORITE

GS ROCKS
IGNEOUS ROCKS
DIORITE
RT MINERALS
SOILS

DIOXIDES

GS CHALCOGENIDES
OXIDES
DIOXIDES
CARBON DIOXIDE
FLINT
HYDROGEN PEROXIDE
SILICON DIOXIDE
QUARTZ
COESITE
SULFUR DIOXIDES
RT KARL FISCHER REAGENT
PEROXIDES
SULFUR OXIDES
THORIUM OXIDES
TITANIUM OXIDES

DIPHENYL COMPOUNDS

GS HYDROCARBONS
DIPHENYL COMPOUNDS
DIPHENYL HYDANTOIN
RT ∞ CHEMICAL COMPOUNDS

DIPHENYL HYDANTOIN

GS AMINES
DIPHENYL HYDANTOIN
DRUGS
ANTI-HISTAMINICS
DIPHENYL HYDANTOIN
HYDROCARBONS
DIPHENYL COMPOUNDS
DIPHENYL HYDANTOIN

DIPHOSPHATES

GS PHOSPHORUS COMPOUNDS
PHOSPHATES
DIPHOSPHATES
ADENOSINE DIPHOSPHATE

DIPHThERIA

GS DISEASES
INFECTIOUS DISEASES
DIPHThERIA
RT TOXIC DISEASES

DIPLEXERS

GS CIRCUITS
DIPLEXERS
COMMUNICATION EQUIPMENT
DIPLEXERS
COUPLERS
ANTENNA COUPLERS
DIPLEXERS
RT COUPLES
RADAR ANTENNAS
RADAR EQUIPMENT
TELEVISION EQUIPMENT
TRANSFORMERS

DIPOLE ANTENNAS

SN (SINGLE DIPOLE ANTENNAS)
GS ANTENNAS
DIRECTIONAL ANTENNAS
DIPOLE ANTENNAS
RT ANTENNA ARRAYS
ANTENNA DESIGN
 ∞ DIPOLES
DIRECTORS (ANTENNA ELEMENTS)
LENS ANTENNAS
LINEAR ARRAYS
LOG PERIODIC ANTENNAS
LOG SPIRAL ANTENNAS
MONOPOLE ANTENNAS
OMNIDIRECTIONAL ANTENNAS
RADAR ANTENNAS
TURNSTILE ANTENNAS
YAGI ANTENNAS

DIPOLE MOMENTS

GS MOMENTS
DIPOLE MOMENTS
ELECTRIC MOMENTS
MAGNETIC MOMENTS
RT DOMAINS
ELECTRICAL PROPERTIES
MAGNETIC DOMAINS
MAGNETIC PROPERTIES
VAN DER WAAL FORCES

∞ DIPOLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DIPOLE ANTENNAS
ELECTRIC CHARGE
ELECTRIC DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
ORBITING DIPOLES
POLARITY
 ∞ POLES
QUADRUPOLES

DIPPING

RT BATHS
COATINGS
QUENCHING (COOLING)
SUBMERGING
WETTING

DIRAC EQUATION

GS WAVE EQUATIONS
DIRAC EQUATION
RT ∞ EQUATIONS
FIELD THEORY (PHYSICS)
KLEIN-GORDON EQUATION
LORENTZ TRANSFORMATIONS
QUANTUM THEORY

DIRECT CURRENT

UF DC (CURRENT)
GS ELECTRIC CURRENT
DIRECT CURRENT
RT ALTERNATING CURRENT
CURRENT CONVERTERS (AC TO DC)
HOMOPOLAR GENERATORS
INVERTED CONVERTERS (DC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

DIRECT LIFT CONTROLS

RT ∞ CONTROL
LIFT DEVICES

DIRECT POWER GENERATORS

UF ENERGY CONVERTERS
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
ELECTROSTATIC GENERATORS
FUEL CELLS
BIOCHEMICAL FUEL CELLS
HYDROGEN OXYGEN FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
REGENERATIVE FUEL CELLS
MAGNETOHYDRODYNAMIC
GENERATORS
PHOTOELECTRIC GENERATORS
PRIMARY BATTERIES
ALKALINE BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
THERMAL BATTERIES
RADIOISOTOPE BATTERIES
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
THERMIONIC CONVERTERS
SNAP 13
SOLAR BLANKETS

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DIRECT POWER GENERATORS-(CONT)

THERMOELECTRIC GENERATORS
SNAP 3
SNAP 7
SNAP 9A
SNAP 10A
SNAP 11
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SOLAR SEA POWER PLANTS
RT AUXILIARY POWER SOURCES
 ∞ CONVERTERS
ELECTRIC BATTERIES
 ∞ ELECTRIC CELLS
ELECTRIC ENERGY STORAGE
ENERGY ABSORPTION FILMS
ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
 ∞ GENERATORS
HEAT GENERATION
PHOTOELECTRIC CELLS
SOLAR GENERATORS
SOLAR TOTAL ENERGY SYSTEMS
SPACECRAFT POWER SUPPLIES

∞ DIRECTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AUTONOMY
AZIMUTH
BEARING (DIRECTION)
DIRECTIVITY
LINE OF SIGHT
MANAGEMENT
REVERSING

DIRECTION FINDERS (RADIO)

USE RADIO DIRECTION FINDERS

DIRECTION FINDING

RT BEARING (DIRECTION)
RADIO DIRECTION FINDERS
SIGNAL PROCESSING

DIRECTIONAL ANTENNAS

UF TRACKING ANTENNAS
GS ANTENNAS
DIRECTIONAL ANTENNAS
DIPOLE ANTENNAS
HELICAL ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
LOG PERIODIC ANTENNAS
LOOP ANTENNAS
PARABOLIC ANTENNAS
RADAR ANTENNAS
RADANT
RHOMBIC ANTENNAS
SLOT ANTENNAS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
TWO REFLECTOR ANTENNAS
YAGI ANTENNAS
RT ANTENNA ARRAYS
ANTENNA RADIATION PATTERNS
BACKLOBES
BORESIGHT ERROR
BORESIGHTS
ENDFIRE ARRAYS
MICROWAVE ANTENNAS
MICROWAVE COUPLING
MISSILE ANTENNAS
MONOPULSE ANTENNAS
OMNIDIRECTIONAL ANTENNAS
RADIO ANTENNAS
SOMMERFELD APPROXIMATION
SPINNERS

DIRECTIONAL CONTROL

UF VECTOR CONTROL
GS ATTITUDE CONTROL
DIRECTIONAL CONTROL
THRUST VECTOR CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
 ∞ CONTROL
HELICOPTER CONTROL
JET CONTROL

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DISCRETE FUNCTIONS

DIRECTIONAL CONTROL-(CONT)

LATERAL CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
MISSILE CONTROL
∞ REACTION CONTROL
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
YAW

DIRECTIONAL COUPLERS

GS ANTENNA COMPONENTS
ANTENNA COUPLERS
DIRECTIONAL COUPLERS
COUPLERS
ANTENNA COUPLERS
DIRECTIONAL COUPLERS
RT COUPLING
COUPLINGS
IMPEDANCE MATCHING
MICROSTRIP TRANSMISSION LINES
MICROWAVE COUPLING
TRANSMISSION LINES
YOKES

DIRECTIONAL SOLIDIFICATION (CRYSTALS)

GS CRYSTALLIZATION
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
GROWTH
CRYSTAL GROWTH
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
RT CONTAINERLESS MELTS
EUTECTIC COMPOSITES
PHASE TRANSFORMATIONS

DIRECTIONAL STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
CONTROLLABILITY
FLOW STABILITY
HORIZONTAL ORIENTATION
HOVERING STABILITY
LATERAL OSCILLATION
LATERAL STABILITY
LONGITUDINAL STABILITY
ROTARY STABILITY
SPACECRAFT STABILITY
STABILITY AUGMENTATION
VERTICAL ORIENTATION
YAW

DIRECTIVITY

RT ALIGNMENT
ANISOTROPY
COLLIMATION
CRYSTALLOGRAPHY
∞ DIRECTION
FIELD STRENGTH
INSTRUMENT ORIENTATION
ISOTROPY
LOOK ANGLES (ELECTRONICS)
∞ ORIENTATION

DIRECTORIES

RT HANDBOOKS
MANUALS

DIRECTORS (ANTENNA ELEMENTS)

RT DIPOLE ANTENNAS
RADIO RECEIVERS
REFLECTOMETERS
REFLECTORS
RODS
YAGI ANTENNAS

DIRICHLET PROBLEM

GS BOUNDARY VALUE PROBLEMS
DIRICHLET PROBLEM
RT DIFFERENTIAL EQUATIONS
HYPERBOLIC DIFFERENTIAL EQUATIONS

DIRICHLET PROBLEM-(CONT)

∞ PROBLEMS

DIRIGIBLES

USE AIRSHIPS

DIRT

GS SOILS
DIRT
RT CONTAMINANTS
DUST
IMPURITIES
PARTICLES
ROCKS

DISARMAMENT

RT ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
INTERNATIONAL COOPERATION
WEAPONS

DISASTERS

RT ACCIDENTS
CASUALTIES
EMERGENCIES
FIRST AID
SABOTAGE

∞ DISCHARGE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DETONATION
DISPERSING
DISPOSAL
DRAINAGE
EFFLUENTS
EJECTION
ELECTRIC DISCHARGES
ELECTRODELESS DISCHARGES
ELIMINATION
EMISSION
EXHAUSTING
EXPPELLANTS
EXPLOSIONS
OUTLETS
RELEASING
RELIEVING
RING DISCHARGE
UNLOADING
VENTING

DISCHARGE COEFFICIENT

GS COEFFICIENTS
FLOW COEFFICIENTS
DISCHARGE COEFFICIENT
RT AXIAL FLOW
FLOW VELOCITY
INFLUENCE COEFFICIENT
MASS FLOW FACTORS
NOZZLE FLOW
NOZZLE GEOMETRY
NOZZLE THRUST COEFFICIENTS
WALL FLOW

DISCHARGE TUBES

USE GAS DISCHARGE TUBES

DISCHARGERS

GS DISCHARGERS
STATIC DISCHARGERS
RT DISSIPATION
NEUTRALIZERS

DISCIPLINING

RT LIABILITIES
MORALE
PENALTIES

DISCOLORATION

RT COLOR
DAMAGE
DEGRADATION
FADING
STAINING

DISCONNECT DEVICES

UF DISCONNECTORS
RT CIRCUIT BREAKERS
CONNECTORS
DECOUPLING
DUMPING
EJECTION
ELECTRIC CONNECTORS

DISCONNECT DEVICES-(CONT)

ELECTRIC FUSES
ELECTRIC RELAYS
∞ RELAY
RELEASING

DISCONNECTORS

USE DISCONNECT DEVICES

DISCONTINUITY

GS DISCONTINUITY
SHOCK DISCONTINUITY
RT ANALYSIS (MATHEMATICS)
CATASTROPHE THEORY
GIBBS PHENOMENON
INCOHERENCE
VORTEX STREETS

DISCOS (SATELLITE ATTITUDE CONTROL)

RT ATTITUDE STABILITY
NOVA SATELLITES
SATELLITE PERTURBATION
SPACECRAFT STABILITY
TRANSIT SATELLITES

DISCOVERER RECOVERY CAPSULES

UF DRC (CAPSULE)
GS SPACE CAPSULES
DISCOVERER RECOVERY CAPSULES
RT RECOVERY PARACHUTES
SPACECRAFT RECOVERY

DISCOVERER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
DISCOVERER SATELLITES
RT AGENA A ROCKET VEHICLE
AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
THOR AGENA LAUNCH VEHICLE

DISCOVERING

USE EXPLORATION

DISCOVERY (ORBITER)

UF SPACE SHUTTLE ORBITER 103
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
DISCOVERY (ORBITER)
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE ORBITERS
DISCOVERY (ORBITER)
RT MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-I
∞ SPACECRAFT

DISCRETE ADDRESS BEACON SYSTEM

GS LANDING AIDS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
NAVIGATION AIDS
BEACONS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADAR BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADAR EQUIPMENT
DISCRETE ADDRESS BEACON SYSTEM
RT AIR TRAFFIC CONTROL
DATA LINKS
GROUND-AIR-GROUND COMMUNICATION
SECONDARY RADAR
∞ SYSTEMS

DISCRETE FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
DISCRETE FUNCTIONS
RT DISTRIBUTION FUNCTIONS
HISTOGRAMS
NORMAL DENSITY FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
PROBABILITY DISTRIBUTION FUNCTIONS

DISCRIMINANT ANALYSIS (STATISTICS)

DISCRETE FUNCTIONS-(*CONT*) STATISTICAL ANALYSIS

DISCRIMINANT ANALYSIS (STATISTICS)

- UF DISCRIMINANT FUNCTIONS
- GS FUNCTIONS (MATHEMATICS)
- DISCRIMINANT ANALYSIS (STATISTICS)**
- STATISTICAL ANALYSIS
- DISCRIMINANT ANALYSIS (STATISTICS)**
- RT ∞ CLASSIFYING
MULTIVARIATE STATISTICAL ANALYSIS
POPULATIONS

DISCRIMINANT FUNCTIONS

- USE DISCRIMINANT ANALYSIS (STATISTICS)

DISCRIMINATION

- GS **DISCRIMINATION**
- BRIGHTNESS DISCRIMINATION
- SENSORY DISCRIMINATION
- TACTILE DISCRIMINATION
- VISUAL DISCRIMINATION
- RT ACUITY
- COMPARATOR CIRCUITS
- ∞ DIFFERENTIATION
- SELECTIVITY
- SIGNAL DETECTION
- SIGNAL DETECTORS
- TARGET RECOGNITION

DISCRIMINATORS

- GS CIRCUITS
- DISCRIMINATORS**
- FRAUNHOFER LINE DISCRIMINATORS
- FREQUENCY DISCRIMINATORS
- RT ANALOG COMPUTERS
- COMPARATORS
- ERROR SIGNALS
- INTERMODULATION
- RC CIRCUITS

∞ DISCUSSION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CONFERENCES
- EVALUATION
- EXAMINATION
- REPORTS
- REVIEWING

DISEASED VEGETATION

- USE BLIGHT

DISEASES

- GS **DISEASES**
- ALBINISM
- ANEMIAS
- ARTERIOSCLEROSIS
- ARTHRITIS
- ATAXIA
- ATELECTASIS
- BONE DEMINERALIZATION
- COLIC
- CYANOSIS
- DIABETES MELLITUS
- EDEMA
- ENCEPHALITIS
- EPILEPSY
- EYE DISEASES
- ASTHENOPIA
- ASTIGMATISM
- CATARACTS
- CONJUNCTIVITIS
- GLAUCOMA
- KERATITIS
- PHORIA
- FAT EMBOLISMS
- FIBROSIS
- CYSTIC FIBROSIS
- HEADACHE
- HEART DISEASES
- ANGINA PECTORIS
- CORONARY ARTERY DISEASE
- INFARCTION
- MYOCARDIAL INFARCTION
- INFECTIOUS DISEASES
- AIRBORNE INFECTION
- CHOLERA
- CONJUNCTIVITIS
- DERMATITIS
- CONTACT DERMATITIS
- DIPHTHERIA

DISEASES-(*CONT*)

- HEPATITIS
- INFLUENZA
- MENINGITIS
- POLIOMYELITIS
- SMALLPOX
- SYPHILIS
- TUBERCULOSIS
- TYPHOID
- TYPHUS
- KIDNEY DISEASES
- NEPHRITIS
- LITHIASIS
- METABOLIC DISEASES
- MILIARIA
- NARCOLEPSY
- NEURASTHENIA
- NEURITIS
- OSTEOPOROSIS
- PARALYSIS
- PARASITIC DISEASES
- BLIGHT
- PARKINSON DISEASE
- PULMONARY LESIONS
- RADIATION SICKNESS
- RESPIRATORY DISEASES
- AEROSINUSITIS
- ASTHMA
- EMPHYSEMA
- INFLUENZA
- PNEUMONIA
- TUBERCULOSIS
- RHEUMATIC DISEASES
- TACHYCARDIA
- THROMBOPENIA
- THROMBOSIS
- TOOTH DISEASES
- TOXIC DISEASES
- CARBON MONOXIDE POISONING
- LEAD POISONING
- TUMORS
- NEOPLASMS
- CANCER
- LEUKEMIAS
- ULCERS
- UROLITHIASIS
- RT CHRONIC CONDITIONS
- CREATININE
- CURES
- DIAGNOSIS
- ETIOLOGY
- MEDICAL SCIENCE
- PATHOGENESIS
- PATHOLOGICAL EFFECTS
- PNEUMOTHORAX
- PROPHYLAXIS
- SIGNS AND SYMPTOMS
- SYMPTOMOLOGY
- THERAPY
- VACCINES
- VETERINARY MEDICINE

DISHES

- USE PARABOLIC REFLECTORS

DISILICIDES

- GS SILICON COMPOUNDS
- SILICIDES
- DISILICIDES**
- RT SILANES
- SILICATES

DISINFECTANTS

- USE ANTISEPTICS

DISINTEGRATION

- RT ATOMIZING
- COMMINUTION
- CRUSHERS
- CRUSHING
- DAMAGE
- DECAY
- DECOMPOSITION
- DETERIORATION
- FLAKING
- GRINDING (COMMINUTION)
- IONIZATION
- LYSOGENESIS

DISK GALAXIES

- GS CELESTIAL BODIES
- GALAXIES
- DISK GALAXIES**
- RT ANDROMEDA GALAXIES
- ASTROPHYSICS

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DISK GALAXIES-(*CONT*)

- BARRED GALAXIES
- ELLIPTICAL GALAXIES
- GALACTIC CLUSTERS
- GALACTIC EVOLUTION
- GALACTIC NUCLEI
- GALACTIC ROTATION
- GALACTIC STRUCTURE
- LOCAL GROUP (ASTRONOMY)
- RADIO GALAXIES
- SPIRAL GALAXIES
- STAR CLUSTERS
- VIRGO GALACTIC CLUSTER

∞ DISKS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACTUATOR DISKS
- DISKS (SHAPES)
- INTERVERTEBRAL DISKS
- MAGNETIC DISKS

DISKS (SHAPES)

- GS **DISKS (SHAPES)**
- ACTUATOR DISKS
- INTERVERTEBRAL DISKS
- ROTATING DISKS
- RT ACCRETION DISKS
- AERODYNAMIC CONFIGURATIONS
- BODIES OF REVOLUTION
- CIRCULAR PLATES
- ∞ DISKS
- ∞ PLATES
- VIDEO DISKS

DISLOCATIONS (MATERIALS)

- GS **DISLOCATIONS (MATERIALS)**
- CRYSTAL DISLOCATIONS
- EDGE DISLOCATIONS
- SCREW DISLOCATIONS
- RT DISPLACEMENT
- FLOW THEORY
- ∞ MATERIALS

DISORDERS

- GS DISORIENTATION
- DISORDERS**
- RT CHOLERA
- CHRONIC CONDITIONS
- DEPERSONALIZATION
- ∞ DEPRESSION
- DETACHMENT
- ∞ DISTURBANCES
- DITHERS
- EMOTIONAL FACTORS
- HUMAN BEHAVIOR
- JET LAG
- PSYCHOLOGY
- PSYCHOSES
- VIOLENCE

DISORIENTATION

- SN (EXCLUDES PHYSICAL OR MATHEMATICAL MISALIGNMENT)
- GS **DISORIENTATION**
- DESYNCHRONIZATION (BIOLOGY)
- DISORDERS
- JET LAG
- RT BIOLOGICAL EFFECTS
- CORIOLIS EFFECT
- DETACHMENT
- DITHERS
- IRRATIONALITY
- MISALIGNMENT
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGY
- STAGGERING
- WEIGHTLESSNESS

DISPATCHING

- USE DISTRIBUTING

DISPENSERS

- RT DISTRIBUTORS
- EJECTORS
- FEEDERS
- MATERIALS HANDLING
- ROLLERS
- SPRAYERS

DISPERSING

- SN (OF MATERIALS OR PARTICLES)
- RT AGITATION
- ASSIMILATION

DISPERSING-(CONT)

CHEMICAL RELEASE MODULES
CIRCULATION
CLOUD DISPERSAL
COLLOIDING
DEFLECTION
DIFFUSION
DILUTION
∞ DISCHARGE
∞ DISPERSION
DISPERSIONS
DISPOSAL
DISSIPATION
DISTRIBUTING
∞ DISTRIBUTION
ENTRAINMENT
EXHAUSTING
FOG DISPERSAL
HOMOGENIZING
LANGEVIN FORMULA
PERMEATING
POLLUTION TRANSPORT
∞ REDUCTION
RELEASING
SCATTERING
∞ SEPARATION
SHAKING
SPRAYING
SPREADING
STIRRING
SUSPENDING (MIXING)
SWIRLING

∞ **DISPERSION**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DEVIATION
DIFFUSION
DISPERSING
DISPERSIONS
DUST
KRAMERS-KRONIG FORMULA
MAGNETIC DISPERSION
MIXERS
RANDOM ERRORS
STATISTICAL ANALYSIS
VARIABILITY
WAVE DISPERSION

DISPERSION PRECIPITATION HARDENING

USE PRECIPITATION HARDENING

DISPERSIONS

GS MIXTURES
DISPERSIONS
COLLOIDS
AEROSOLS
FOG
COLLOIDAL PROPELLANTS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
LIQUID-GAS MIXTURES
AEROSOLS
FOG
PLASTISOLS
SMOKE
RT BROWNIAN MOVEMENTS
COLLOIDAL GENERATORS
CROP DUSTING
DILUENTS
DISPERSING
∞ DISPERSION
DUST
FERROFLUIDS
FOG DISPERSAL
FUMES
MIST
PARTICLES
SLURRIES
SLURRY PROPELLANTS
SUSPENDING (MIXING)
∞ SUSPENSIONS

DISPLACEMENT

RT AMPLITUDES
BENDING
BIAS
BORESIGHT ERROR
DEFLECTION
DEFORMATION
DISLOCATIONS (MATERIALS)
DISTORTION
DIVERGENCE

DISPLACEMENT-(CONT)

ENGINES
FLEXIBLE SPACECRAFT
HEAVING
LEVEL (QUANTITY)
MAGNITUDE
∞ MOTION
NUTATION
POSITIONING
SKEWNESS
TEMPERATURE INVERSIONS
VARIATIONS
VIBRATION

DISPLACEMENT MEASUREMENT

SN (MEASUREMENT IN CHANGE OF
POSITION)
GS MECHANICAL MEASUREMENT
DISPLACEMENT MEASUREMENT
RT BORESIGHT ERROR

DISPLAY DEVICES

UF DATA READOUT SYSTEMS
DISPLAY SYSTEMS
VISUAL DISPLAYS
GS DISPLAY DEVICES
APPROACH INDICATORS
FLOW DIRECTION INDICATORS
WIND VANES
GYRO HORIZONS
HEAD-UP DISPLAYS
HELMET MOUNTED DISPLAYS
KINOFORM
MICROVISION LANDING AID
PLASMA DISPLAY DEVICES
POSITION INDICATORS
PLAN POSITION INDICATORS
RADIO DIRECTION FINDERS
SPACECRAFT POSITION INDICATORS
RADARSCOPE
PLAN POSITION INDICATORS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
RT AIRBORNE SURVEILLANCE RADAR
AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
AUTOMATIC TYPEWRITERS
BLINKING
CANCELLATION CIRCUITS
CATHODE RAY TUBES
CHARTS
COMPUTER GRAPHICS
CONSOLES
CONTROL BOARDS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
DATA RECORDERS
∞ DETECTORS
DIALS
ELECTROCHROMISM
FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLYING SPOT SCANNERS
IMAGE RECONSTRUCTION
IMAGE TUBES
IMAGERY
IMAGES
INDICATING INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
INSTRUMENT RECEIVERS
∞ INSTRUMENTS
LIGHT EMITTING DIODES
LISTS
MAN MACHINE SYSTEMS
MAP MATCHING GUIDANCE
MONITORS
NAVIGATION AIDS
PERCEPTUAL ERRORS
PHOTOGRAPHS
PICTURE TUBES
PLANETARIUMS
∞ PLOTS
PLOTTERS
PLOTING
PRINTERS (DATA PROCESSING)
PROMOTION
RADAR
RADAR RESOLUTION
RAPID BALLISTICS IDENTIFICATION
READING

DISPLAY DEVICES-(CONT)

READOUT
REAL TIME OPERATION
RECEIVERS
REMOTE CONSOLES
∞ SCREENS
SOLAR COMPASSES
∞ STRIP
∞ SYSTEMS
TARGET SIMULATORS
TERCOM
VIDEO DATA
VIDEO EQUIPMENT
VIEWING
VISUAL AIDS
VISUAL CONTROL
WARNING SYSTEMS

DISPLAY SYSTEMS

USE DISPLAY DEVICES

DISPOSAL

GS DISPOSAL
WASTE DISPOSAL
COMPOSTING
HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
RT AGITATION
∞ CONTAINERS
DECONTAMINATION
DELETION
DILUTION
∞ DISCHARGE
DISPERSING
DISSIPATION
DISTRIBUTING
∞ DISTRIBUTION
DUMPING
EJECTION
ELIMINATION
EMPTYING
EXHAUSTING
EXPULSION
ISOLATION
JETTISONING
MATERIALS HANDLING
MATERIALS RECOVERY
REMOVAL
SINKS
SPREADING
∞ STORAGE
UNLOADING

DISRUPTING

RT ∞ INTERFERENCE
RUPTURING

DISSECTION

RT AUTOPSIES
PATHOLOGY

DISSIPATION

UF DISSIPATORS
GS DISSIPATION
ENERGY DISSIPATION
OHMIC DISSIPATION
RT ATMOSPHERIC TURBULENCE
ATTENUATION
DAMPING
DECONTAMINATION
DEPLETION
DIFFUSION
DILUTION
DISCHARGERS
DISPERSING
DISPOSAL
EXHAUSTING
POLLUTION
PURIFICATION
∞ REDUCTION
REMOVAL
WASTE DISPOSAL

DISSIPATORS

USE DISSIPATION

DISSOCIATION

UF MOLECULAR DISSOCIATION
GS DISSOCIATION
AUTOIONIZATION
BIODEGRADABILITY
GAS DISSOCIATION
PHOTODISSOCIATION
THERMAL DISSOCIATION
RT ATOMIC RECOMBINATION

DISSOLUTION

DISSOCIATION-(CONT)

CHEMICAL EQUILIBRIUM
DEBYE-HUCKEL THEORY
DECOMPOSITION
ELECTRODISSOLUTION
HEAT OF DISSOCIATION
IONIZATION
MOLECULAR DIFFUSION
MOLECULAR INTERACTIONS

DISSOLUTION

USE DISSOLVING

DISSOLVED GASES

GS GASES
DISSOLVED GASES
RT AERATION
DISSOLVING
MIXTURES
OXYGENATION
SOLUBILITY
SOLUTIONS

DISSOLVING

UF DISSOLUTION
GS MIXING
DISSOLVING
RT AERATION
CHEMICAL ATTACK
CHEMICAL CLEANING
CLEANING
COMPOUNDING
CORROSION
DIFFUSION
DILUTION
DISSOLVED GASES
EXTRACTION
HOMOGENIZING
LEACHING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SOFTENING
SOLUBILITY
SOLUTES
∞ SOLUTION
SOLVENT RETENTION
SOLVENTS
WASHING

DISSYMMETRY

USE ASYMMETRY

DISTANCE

GS DISTANCE
DEBYE LENGTH
MISS DISTANCE
OPTICAL SLANT RANGE
RADAR RANGE
RADIO RANGE
RANGE AND RANGE RATE TRACKING
REENTRY RANGE
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ALTITUDE
DEPTH
DIMENSIONS
FOCUSING
GEOMETRY
HEIGHT
LENGTH
POSITION (LOCATION)
PROXIMITY
RADAR NAVIGATION
∞ RANGE
RANGE (EXTREMES)
TAKEOFF RUNS
∞ TRAVEL

DISTANCE MEASURING EQUIPMENT

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
ALTIMETERS
RADIO ALTIMETERS
GEODIMETERS
RANGE FINDERS
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
STADIMETERS
TELLUROMETERS
RT AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
DECCA NAVIGATION
DEPTH MEASUREMENT
DIMENSIONAL MEASUREMENT
LORAC NAVIGATION SYSTEM

DISTANCE MEASURING EQUIPMENT-(CONT)

LORAN
LUNAR RANGEFINDING
MICROMETERS
NAVIGATION
NAVIGATION AIDS
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR
RADAR EQUIPMENT
RADAR MEASUREMENT
RADAR NAVIGATION
RADIO NAVIGATION
RANGE ERRORS
SHORAN
SOLAR COMPASSES
SONAR
SOUND RANGING

DISTANCE PERCEPTION

USE SPACE PERCEPTION

DISTILLATION

GS DISTILLATION
STRIPPING (DISTILLATION)
RT CHEMICAL FRACTIONATION
CONCENTRATING
CONDENSING
DEMINERALIZING
DESALINIZATION
DIFFUSION
EVAPORATION
FLASHING (VAPORIZING)
MATERIALS RECOVERY
PURGING
PURIFICATION
RECTIFICATION
REFINING
∞ SEPARATION
TAR SANDS
VAPORIZING
WASHING

DISTILLATION EQUIPMENT

RT COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
∞ EQUIPMENT
STILLS

DISTORTION

GS DISTORTION
FLOW DISTORTION
SIGNAL DISTORTION
SURFACE DISTORTION
RT ABERRATION
ABNORMALITIES
ASTIGMATISM
ASYMMETRY
BENDING
BUCKLING
CAMBER
DEFLECTION
DEFORMATION
DEVIATION
DISPLACEMENT
EXPANSION
FAILURE
FLEXING
FOLDING
GEOMETRIC ACCURACY
GHOSTS
HEAVING
REFRACTION
SKEWNESS
STRETCHING
SWELLING
TEMPERATURE INVERSIONS
TWISTING
VARIATIONS
WARPAGE
WRINKLING

DISTRIBUTED AMPLIFIERS

GS AMPLIFIERS
DISTRIBUTED AMPLIFIERS
RT ∞ FREQUENCY RESPONSE
TRANSMISSION LINES

DISTRIBUTED FEEDBACK LASERS

GS STIMULATED EMISSION DEVICES
LASERS
DISTRIBUTED FEEDBACK LASERS
RT FEEDBACK AMPLIFIERS
FEEDBACK CONTROL
HETEROJUNCTION DEVICES

NASA THESAURUS (VOLUME 1)

DISTRIBUTED FEEDBACK LASERS-(CONT)

LASER OUTPUTS
LASING
SEMICONDUCTOR LASERS
SOLID STATE LASERS

DISTRIBUTED PARAMETER SYSTEMS

RT CONTROL THEORY
DIFFERENTIAL EQUATIONS
INDEPENDENT VARIABLES
INTEGRAL EQUATIONS
LINEAR CIRCUITS
LINEAR SYSTEMS
NETWORK ANALYSIS
NONLINEAR SYSTEMS
∞ SYSTEMS

DISTRIBUTED PROCESSING

GS DATA PROCESSING
DISTRIBUTED PROCESSING
RT ARCHITECTURE (COMPUTERS)
COMPUTER NETWORKS
COMPUTER SYSTEMS DESIGN
DINING PHILOSOPHERS PROBLEM
MICROPROCESSORS

DISTRIBUTING

UF DISPATCHING
RT ALLOCATIONS
ASSIMILATION
COMMERCIAL ENERGY
DISPERSING
DISPOSAL
∞ DISTRIBUTION
DOMESTIC ENERGY
∞ FOOD
INDUSTRIAL ENERGY
INVENTORY CONTROLS
MATERIALS HANDLING
POSITIONING
PROPORTION
RESOURCE ALLOCATION
TRANSPORTATION
TRANSPORTATION ENERGY

∞ DISTRIBUTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ALLOCATIONS
ASSIMILATION
BRIGHTNESS DISTRIBUTION
CIRCULATION DISTRIBUTION
DEMOGRAPHY
DISPERSING
DISPOSAL
DISTRIBUTING
DISTRIBUTION (PROPERTY)
KURTOSIS
LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MATERIALS HANDLING
POSITIONING
PRESSURE DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
STATISTICAL DISTRIBUTIONS
THRUST DISTRIBUTION
TRANSPORTATION

DISTRIBUTION (PROPERTY)

UF PATTERN DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
ANGULAR DISTRIBUTION
BOLTZMANN DISTRIBUTION
BRIGHTNESS DISTRIBUTION
CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
ENERGY DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
FLOW DISTRIBUTION
FORCE DISTRIBUTION
FREQUENCY DISTRIBUTION
KURTOSIS
HOLE DISTRIBUTION (ELECTRONICS)
HOLE DISTRIBUTION (MECHANICS)
INTERFERENCE LIFT
ION DISTRIBUTION
LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
NEUTRON DISTRIBUTION
PRESSURE DISTRIBUTION
RADIAL DISTRIBUTION

DISTRIBUTION (PROPERTY)-(CONT)

RADIATION DISTRIBUTION
 ANTENNA RADIATION PATTERNS
 SIDELOBES
 DIFFRACTION PATTERNS
 KOSSEL PATTERN
 RAINBOWS
 SPATIAL DISTRIBUTION
 STAR DISTRIBUTION
 STRESS CONCENTRATION
 TEMPERATURE DISTRIBUTION
 VELOCITY DISTRIBUTION
 VERTICAL DISTRIBUTION
 STAR DISTRIBUTION
 RT CHEMICAL COMPOSITION
 ∞ CROSS SECTIONS
 ∞ DISTRIBUTION
 DYNAMIC CHARACTERISTICS
 FIELD THEORY (PHYSICS)
 GRADIENTS
 JET LIFT
 LIFT
 ∞ PATTERNS
 ∞ PROFILES
 ROTOR LIFT
 STATISTICAL DISTRIBUTIONS
 SYNTHETIC ARRAYS
 ZERO LIFT

DISTRIBUTION FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
DISTRIBUTION FUNCTIONS
 RT CHAPMAN-ENSKOG THEORY
 DISCRETE FUNCTIONS
 MAXIMUM ENTROPY METHOD
 PROBABILITY THEORY
 STATISTICAL DISTRIBUTIONS

DISTRIBUTION MOMENTS

UF STATISTICAL MOMENTS
 GS MOMENTS
DISTRIBUTION MOMENTS
 MEAN
 ORTHOGONALITY
 STANDARD DEVIATION
 RT AVERAGE
 MEDIAN (STATISTICS)
 METHOD OF MOMENTS
 MODE (STATISTICS)
 SKEWNESS
 STATISTICAL DISTRIBUTIONS
 VARIANCE (STATISTICS)

DISTRIBUTORS

RT COMMUTATORS
 DISPENSERS
 FEEDERS
 IGNITION SYSTEMS
 INTERNAL COMBUSTION ENGINES
 MATERIALS HANDLING
 ROLLERS
 SPRAYERS

DISTRICT OF COLUMBIA

RT POTOMAC RIVER VALLEY (MD-VA-WV)
 UNITED STATES

DISTURBANCE THEORY

USE PERTURBATION THEORY

∞ DISTURBANCES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BURSTS
 DISORDERS
 ELECTROMAGNETIC INTERFERENCE
 IONOSPHERIC DISTURBANCES
 IONOSPHERIC STORMS
 MAGNETIC DISTURBANCES
 PERTURBATION
 RADIO AURORAS
 RADIO BURSTS
 SOLAR ACTIVITY
 STORMS
 SUDDEN IONOSPHERIC DISTURBANCES
 VORTICES

DISTURBING FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
DISTURBING FUNCTIONS
 RT PERTURBATION THEORY

DISULFIDES

GS CHALCOGENIDES

DISULFIDES-(CONT)

SULFIDES
DISULFIDES
 CARBON DISULFIDE
 SULFUR COMPOUNDS
 SULFIDES
DISULFIDES
 CARBON DISULFIDE

DITCHES

RT CANALS
 IRRIGATION
 LANDFORMS
 TROUGHS

∞ DITCHING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DITCHING (LANDING)
 EXCAVATION

DITCHING (EXCAVATION)

USE EXCAVATION

DITCHING (LANDING)

GS CRASHES
 CRASH LANDING
DITCHING (LANDING)
 LANDING
 AIRCRAFT LANDING
 CRASH LANDING
DITCHING (LANDING)
 WATER LANDING
DITCHING (LANDING)
 RT AIRCRAFT ACCIDENTS
 ∞ DITCHING
 GLIDE LANDINGS

DITHERS

GS SHAKING
DITHERS
 SHIVERING
DITHERS
 RT DISORDERS
 DISORIENTATION
 EMOTIONAL FACTORS
 HUMAN BEHAVIOR
 ∞ INHIBITION
 IRRATIONALITY
 VACILLATION

DITHIOLS

USE THIOLS

DIURESIS

RT BODY FLUIDS
 EDEMA
 URINATION

DIURETICS

GS **DIURETICS**
 AMINOPHYLLINE
 RT ACETAZOLAMIDE
 UREAS

DIURNAL RHYTHMS

USE CIRCADIAN RHYTHMS

DIURNAL VARIATIONS

GS VARIATIONS
 PERIODIC VARIATIONS
DIURNAL VARIATIONS
 RT CYCLES
 DARKNESS
 DAYTIME
 MAGNETIC VARIATIONS
 NIGHT
 NOCTURNAL VARIATIONS
 TROPOPAUSE
 WIND VARIATIONS

DIVERGENCE

GS **DIVERGENCE**
 MAGNETIC CHARGE DENSITY
 RT CATASTROPHE THEORY
 CONVERGENCE
 DEVIATION
 DIFFERENCES
 DISPLACEMENT
 ∞ DRIFT
 FOURIER ANALYSIS
 FUNCTIONS (MATHEMATICS)
 GEOSTROPHIC WIND

DIVERGENCE-(CONT)

REFRACTION
 SERIES (MATHEMATICS)
 SERIES EXPANSION
 VARIATIONS
 VORTICES

DIVERGENT NOZZLES

RT CONICAL NOZZLES
 EXHAUST NOZZLES
 NOZZLE GEOMETRY
 NOZZLE WALLS
 ∞ NOZZLES
 ROCKET NOZZLES
 THRUST CHAMBERS
 WIND TUNNEL NOZZLES

DIVERTERS

RT BAFFLES
 BLAST DEFLECTORS
 BYPASSES
 DEFLECTORS
 ∞ DIFFUSERS
 DIVIDERS
 FLAME DEFLECTORS
 ∞ SEPARATION
 SEPARATORS
 SHIELDING
 VALVES

DIVIDERS

SN (EXCLUDES VOLTAGE AND FREQUENCY
 DIVIDERS)
 GS SEPARATORS
DIVIDERS
 RT BAFFLES
 ∞ BARRIERS
 CURTAINS
 DIVERTERS
 PANELS
 SPACERS

DIVIDES (LANDFORMS)

GS LANDFORMS
DIVIDES (LANDFORMS)
 RT DRAINAGE PATTERNS
 MOUNTAINS
 WATERSHEDS

DIVIDING (MATHEMATICS)

GS NUMBER THEORY
DIVIDING (MATHEMATICS)
 RT ARITHMETIC
 COMPUTATION
 CONGRUENCES
 ∞ DIVISION
 QUOTIENTS

DIVING (UNDERWATER)

GS SUBMERGED BODIES
DIVING (UNDERWATER)
 RT BAROTRAUMA
 DECOMPRESSION SICKNESS
 HUMAN TOLERANCES
 MEDICAL PHENOMENA
 PHYSIOLOGICAL EFFECTS
 UNDERWATER PHYSIOLOGY
 UNDERWATER TESTS

∞ DIVISION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CELL DIVISION
 DIVIDING (MATHEMATICS)
 NUMBER THEORY
 ∞ SEPARATION
 SUBDIVISIONS
 SUBSIDIARIES

DIVOT (VOICE TRANSLATORS)

USE DIGITAL TO VOICE TRANSLATORS

DME-A SATELLITE

USE EXPLORER 31 SATELLITE

DMSP SATELLITES

UF DEFENSE METEOROLOGICAL SATELLITE
 PROGRAM
 GS MILITARY SPACECRAFT
DMSP SATELLITES
 RT AIR DEFENSE
 ∞ DEFENSE
 DEFENSE PROGRAM

DNA

DMSP SATELLITES-(CONT)

METEOROLOGY
PHOTOMAPPING
PHOTORECONNAISSANCE
REMOTE SENSING
SATELLITE-BORNE PHOTOGRAPHY

DNA

USE DEOXYRIBONUCLEIC ACID

DO-27 AIRCRAFT

UF DORNIER DO-27 AIRCRAFT
GS DORNIER AIRCRAFT
DO-27 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DO-27 AIRCRAFT
LIGHT AIRCRAFT
DO-27 AIRCRAFT
MONOPLANES
DO-27 AIRCRAFT
PASSENGER AIRCRAFT
DO-27 AIRCRAFT
UTILITY AIRCRAFT
DO-27 AIRCRAFT
RT ∞ AIRCRAFT

DO-28 AIRCRAFT

UF DORNIER DO-28 AIRCRAFT
GS DORNIER AIRCRAFT
DO-28 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DO-28 AIRCRAFT
LIGHT AIRCRAFT
DO-28 AIRCRAFT
MONOPLANES
DO-28 AIRCRAFT
PASSENGER AIRCRAFT
DO-28 AIRCRAFT
UTILITY AIRCRAFT
DO-28 AIRCRAFT
RT ∞ AIRCRAFT

DO-31 AIRCRAFT

UF DORNIER DO-31 AIRCRAFT
GS DORNIER AIRCRAFT
DO-31 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
DO-31 AIRCRAFT
MONOPLANES
DO-31 AIRCRAFT
TRANSPORT AIRCRAFT
DO-31 AIRCRAFT
V/STOL AIRCRAFT
DO-31 AIRCRAFT
RT ∞ AIRCRAFT

DOCKING

USE SPACECRAFT DOCKING

DOCUMENT STORAGE

RT DATA STORAGE
DOCUMENTATION
∞ FILES
REPRODUCTION (COPYING)
∞ STORAGE

DOCUMENTATION

SN (THE ASSEMBLING, CODING,
KNOWLEDGE FOR GIVING
DOCUMENTARY INFORMATION MAXIMUM
ACCESSIBILITY AND USABILITY)
GS LITERATURE
DOCUMENTATION
RT ACQUISITION
BIBLIOGRAPHIES
BIOGRAPHY
CASE HISTORIES
CATALOGS (PUBLICATIONS)
CONFERENCES
DATA RETRIEVAL
DOCUMENT STORAGE
DOCUMENTS
HISTORIES
INDEXES (DOCUMENTATION)
INFORMATION
INFORMATION DISSEMINATION
INFORMATION RETRIEVAL
KNOWLEDGE
LIBRARIES
NEWS
RECORDS
∞ REFERENCE SYSTEMS
REPORTS

DOCUMENTATION-(CONT)

SELECTIVE DISSEMINATION OF
INFORMATION
SPACE GLOSSARIES
SUMMARIES
TECHNICAL WRITING
TECHNOLOGY TRANSFER
TRANSLATING

DOCUMENTS

UF PUBLICATIONS
GS **DOCUMENTS**
ABSTRACTS
BIBLIOGRAPHIES
CATALOGS (PUBLICATIONS)
ASTRONOMICAL CATALOGS
ENGINEERING DRAWINGS
BLUEPRINTS
HANDBOOKS
USER MANUALS (COMPUTER
PROGRAMS)
MANUALS
INSTALLATION MANUALS
USER MANUALS (COMPUTER
PROGRAMS)
PAPERS
PERIODICALS
POSTLAUNCH REPORTS
PRESIDENTIAL REPORTS
RECORDS
VIDEO DISKS
SUPPLEMENTS
TEXTBOOKS
TEXTS
THESES
RT CONFERENCES
CONGRESSIONAL REPORTS
COPYRIGHTS
DICTIONARIES
DOCUMENTATION
DRAWINGS
FORMAT
HARDWARE UTILIZATION LISTS
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
LIBRARIES
LITERATURE
REPORTS
TECHNOLOGY TRANSFER

DODGE SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
DODGE SATELLITE

DOGHOUSES (ELECTRONICS)

GS HOUSINGS
DOGHOUSES (ELECTRONICS)
RADAR EQUIPMENT
DOGHOUSES (ELECTRONICS)
RT ENCLOSURES
RADAR ANTENNAS

DOGS

GS ANIMALS
VERTEBRATES
MAMMALS
DOGS

DOLLIES

GS SURFACE VEHICLES
DOLLIES
RT CARRIAGES
MATERIALS HANDLING
SLEDS
TRUCKS
UNDERCARRIAGES

DOLOMITE (MINERAL)

GS CARBON COMPOUNDS
CARBONATES
DOLOMITE (MINERAL)
MAGNESIUM COMPOUNDS
DOLOMITE (MINERAL)
MINERALS
DOLOMITE (MINERAL)
RT AGGREGATES
LIMESTONE
ROCKS
SEDIMENTARY ROCKS

DOLPHINS

GS ANIMALS
VERTEBRATES
MAMMALS

NASA THESAURUS (VOLUME 1)

DOLPHINS-(CONT)

DOLPHINS
RT MARINE MAMMALS

DOMAIN WALL

RT DOMAINS
MAGNETIC DOMAINS
∞ MOTION

DOMAINS

GS **DOMAINS**
MAGNETIC DOMAINS
RT DIPOLE MOMENTS
DOMAIN WALL
ELECTRICAL PROPERTIES
RANGE (EXTREMES)

∞ DOMES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DOMES (GEOLOGY)
DOMES (STRUCTURAL FORMS)

DOMES (GEOLOGY)

RT ANTICLINES
∞ DOMES
GEOLOGY
GEOSYNCLINES
SYNCLINES

DOMES (STRUCTURAL FORMS)

GS SHELLS (STRUCTURAL FORMS)
DOMES (STRUCTURAL FORMS)
RADOMES
RT ∞ CUPOLAS
∞ DOMES
HEMISPHERICAL SHELLS
HOUSINGS
PRESSURE VESSELS
PROTUBERANCES

DOMESTIC ENERGY

RT ALLOCATIONS
COMMERCIAL ENERGY
DISTRIBUTING
ECONOMIC FACTORS
∞ ENERGY
ENERGY CONSUMPTION
ENERGY CONVERSION
INDUSTRIAL ENERGY
SOLAR COOLING
SOLAR HOUSES
TRANSPORTATION ENERGY
WATER HEATING

DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS

RT COMMUNICATION SATELLITES
MICROWAVE TRANSMISSION
RCA SATCOM SATELLITES
SATELLITE NETWORKS
SATELLITE TRANSMISSION
SATELLITES
∞ SYSTEMS

DOMINANCE

GS **DOMINANCE**
EYE DOMINANCE
RT GENETICS

DOMINICA

GS LANDFORMS
ISLANDS
WEST INDIES
DOMINICA
NATIONS
DOMINICA

DOMINICAN REPUBLIC

GS NATIONS
DOMINICAN REPUBLIC
RT CARIBBEAN REGION
CARIBBEAN SEA

DOMINO PROPELLANTS

GS PROPELLANTS
HIGH ENERGY PROPELLANTS
DOMINO PROPELLANTS
RT PLASTICIZERS
ROCKET OXIDIZERS
SOLID ROCKET PROPELLANTS

NASA THESAURUS (VOLUME 1)

DONNELL EQUATIONS
RT BUCKLING
∞ EQUATIONS
STRESS ANALYSIS

DONOR MATERIALS
GS SEMICONDUCTORS (MATERIALS)
DONOR MATERIALS
RT CARRIER DENSITY (SOLID STATE)
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
∞ MATERIALS

DOORS
UF EXITS (DOORS)
RT AIR LOCKS
APERTURES
CURTAINS
EGRESS
ENTRANCES
FLOORS
GATES (OPENINGS)
HATCHES
INGRESS (SPACECRAFT PASSAGEWAY)
OPENINGS
OUTLETS
∞ THRESHOLDS
WINDOWS (APERTURES)

DOPA
UF DIHYDROXYPHENYLALANINE
GS ORGANIC COMPOUNDS
DOPA
RT ∞ CHEMICAL COMPOUNDS
MELANIN
OXIDATION
PIGMENTS

DOPED CRYSTALS
GS CRYSTALS
DOPED CRYSTALS
RT CRYSTAL GROWTH
CRYSTAL OPTICS
CRYSTAL STRUCTURE

DOPES
RT ADDITIVES
FILLERS
FINISHES
GELS
PRIMERS (COATINGS)
SEALERS

DOPING (ADDITIVES)
USE ADDITIVES

DOPPLER EFFECT
UF DOVAP
STELLAR DOPPLER SHIFT
GS **DOPPLER EFFECT**
DOPPLER-FIZEAU EFFECT
RT ∞ EFFECTS
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIZEAU EFFECT
FREQUENCY SHIFT
OPTICAL HETERODYNING
RADIAL VELOCITY
RED SHIFT
SATELLITE DOPPLER POSITIONING
STELLAR MOTIONS

DOPPLER NAVIGATION
GS NAVIGATION
DOPPLER NAVIGATION
RT AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
DEAD RECKONING
RADAR NAVIGATION
RADIO NAVIGATION
SATELLITE DOPPLER POSITIONING

DOPPLER RADAR
GS RADAR
DOPPLER RADAR
MULTISTATIC RADAR
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
MONOPULSE RADAR
MOVING TARGET INDICATORS
POLYSTATION DOPPLER TRACKING
SYSTEM
PULSE RADAR
RADAR DETECTION

DOPPLER RADAR-(CONT)
RADAR EQUIPMENT
RADAR NAVIGATION
RADAR NETWORKS
RADAR TRACKING
SATELLITE DOPPLER POSITIONING
SURVEILLANCE RADAR

DOPPLER-FIZEAU EFFECT
GS DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
RT ∞ EFFECTS
FIZEAU EFFECT
FREQUENCY SHIFT
RADAR NAVIGATION
RED SHIFT
STELLAR MOTIONS

DORNIER AIRCRAFT
GS **DORNIER AIRCRAFT**
DO-27 AIRCRAFT
DO-28 AIRCRAFT
DO-31 AIRCRAFT
RT ∞ AIRCRAFT

DORNIER DO-27 AIRCRAFT
USE DO-27 AIRCRAFT

DORNIER DO-28 AIRCRAFT
USE DO-28 AIRCRAFT

DORNIER DO-31 AIRCRAFT
USE DO-31 AIRCRAFT

DORNIER PARAGLIDER ROCKET VEHICLE
GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
DORNIER PARAGLIDER ROCKET VEHICLE
SOUNDING ROCKETS
DORNIER PARAGLIDER ROCKET VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES

DORSAL SECTIONS
RT ANATOMY
POSTERIOR SECTIONS

DOSAGE
UF DOSE
GS **DOSAGE**
RADIATION DOSAGE
SUBLETHAL DOSAGE
RT BIOLOGICAL EFFECTS
DOSIMETERS
DRUGS
RADIATION MEASUREMENT

DOSE
USE DOSAGE

DOSIMETERS
UF DOSIMETRY
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS
(DOSIMETERS)
RT ACTINOMETERS
DOSAGE
EXPOSURE
FLUX (RATE)
FLUX DENSITY
GEIGER COUNTERS
IONIZATION CHAMBERS
IRRADIATION
NEUTRON COUNTERS
NUCLEAR EMULSIONS
PHOTOGRAPHIC MEASUREMENT
PROPORTIONAL COUNTERS
RADIANT FLUX DENSITY
RADIATION COUNTERS
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HAZARDS
RADIATION MEASUREMENT
RADIOBIOLOGY

DOSIMETRY
USE DOSIMETERS

DOUBLE BASE PROPELLANTS
UF CORDITE

DOUGLAS AIRCRAFT

DOUBLE BASE PROPELLANTS-(CONT)
GS PROPELLANTS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET
PROPELLANTS
RT CELLULOSE NITRATE
COMPOSITE PROPELLANTS
ENDOTHERMIC FUELS
EXPLOSIVES
FUELS
NITROGLYCERIN
PLASTISOLS
PYROTECHNICS

DOUBLE BASE ROCKET PROPELLANTS
GS FUELS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
GELS
DOUBLE BASE ROCKET PROPELLANTS
PROPELLANTS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
ROCKET PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
RT CELLULOSE NITRATE
COMPOSITE PROPELLANTS
EXPLOSIVES
NITROGLYCERIN

DOUBLE CUSPS
UF OSCULATIONS
GS GEOMETRY
CUSPS (MATHEMATICS)
DOUBLE CUSPS
RT ∞ CUSPS

DOUBLE PRECISION ARITHMETIC
GS NUMBER THEORY
ARITHMETIC
DOUBLE PRECISION ARITHMETIC
RT ARITHMETIC AND LOGIC UNITS
∞ NUMBERS

DOUBLE SIDEBAND TRANSMISSION
GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
RT MODULATION
SIDEBANDS
SINGLE SIDEBAND TRANSMISSION
TELEVISION TRANSMISSION
WAVE PROPAGATION

DOUBLE STARS
GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
DWARF NOVAE
STELLAR MOTIONS
DOUBLE STARS
RT ASTROMETRY

DOUGHNUT SHAPE WHEELS
USE TOROIDAL WHEELS

DOUGLAS AIRCRAFT
UF DOUGLAS MILITARY AIRCRAFT
GS MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
B-66 AIRCRAFT
C-9 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-124 AIRCRAFT

DOUGLAS D-558 AIRCRAFT

DOUGLAS AIRCRAFT-(CONT)

C-133 AIRCRAFT
D-558 AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
DC 8 AIRCRAFT
DC 9 AIRCRAFT
DC 10 AIRCRAFT
PD-808 AIRCRAFT
X-3 AIRCRAFT

RT ∞ AIRCRAFT

DOUGLAS D-558 AIRCRAFT

USE D-558 AIRCRAFT

DOUGLAS DC-3 AIRCRAFT

USE DC 3 AIRCRAFT

DOUGLAS DC-7 AIRCRAFT

USE DC 7 AIRCRAFT

DOUGLAS DC-8 AIRCRAFT

USE DC 8 AIRCRAFT

DOUGLAS DC-9 AIRCRAFT

USE DC 9 AIRCRAFT

DOUGLAS MILITARY AIRCRAFT

USE DOUGLAS AIRCRAFT
MILITARY AIRCRAFT

DOUGLAS PD-808 AIRCRAFT

USE PD-808 AIRCRAFT

DOVAP

USE DOPPLER EFFECT

DOWN-CONVERTERS

GS FREQUENCY CONVERTERS

DOWN-CONVERTERS

RT ∞ CONVERTERS
FREQUENCY DIVIDERS

DOWNLINKING

RT CARRIER TO NOISE RATIOS
COMMUNICATION SATELLITES
FREQUENCY REUSE
GROUND STATIONS
MICROWAVE TRANSMISSION
SATELLITE TRANSMISSION
TRANSMISSION EFFICIENCY
UPLINKING

DOWNRANGE

RT BALLISTIC RANGES
BALLISTIC TRAJECTORIES
FLIGHT TESTS
IMPACT PREDICTION
MISSILE RANGES
RECOVERY ZONES
TEST RANGES
TOUCHDOWN
TRAJECTORIES

DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM

UF DAMP PROGRAM
GS PROGRAMS

DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM

RT ∞ MEASUREMENT

DOWNRANGE MEASUREMENT

RT ∞ MEASUREMENT
TEST RANGES

DOWNTIME

GS TIME

DOWNTIME

RT FAILURE
INVENTORY MANAGEMENT
LOGISTICS
MAINTENANCE
MALFUNCTIONS
MTBF
RELIABILITY
SPARE PARTS
SYSTEM FAILURES
TURNAROUND (STS)

DOWNWASH

RT BACKWASH

∞ DRAFT
GROUND EFFECT (AERODYNAMICS)

DOWNWASH-(CONT)

HELICOPTER WAKES
LIFT AUGMENTATION
PERIPHERAL JET FLOW
UPWASH
WAKES

DPCM (MODULATION)

USE DIFFERENTIAL PULSE CODE
MODULATION

DRACONID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
DRACONID METEORIODS
METEORIODS
DRACONID METEORIODS
RT GIACOBINI-ZINNER COMET

∞ DRAFT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

RT BOUNDARY LAYERS
DOWNWASH
DRAFT (GAS FLOW)
DRAFTING (DRAWING)
UPWASH
WAKES

DRAFT (GAS FLOW)

RT ∞ DRAFT
FLUES
VENTILATION

DRAFTING (DRAWING)

RT ∞ DRAFT
∞ DRAWING
DRAWINGS
GRAPHIC ARTS

DRAFTING MACHINES

RT COMPUTER AIDED DESIGN
∞ DESIGN
∞ MACHINERY

DRAG

UF DRAG EFFECT
GS DYNAMIC CHARACTERISTICS

DRAG

ELECTROSTATIC DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
VISCOUS DRAG
MINIMUM DRAG
PRESSURE DRAG
SUPERSONIC DRAG
WAVE DRAG

INTERFERENCE DRAG

RT SATELLITE DRAG
AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
BOUNDARY LAYERS
∞ DRAG COEFFICIENTS
DRAG MEASUREMENT
FRICTION
GRAVITATION
GROUND EFFECT (AERODYNAMICS)
LIFT
SKIN FRICTION
WAKES

DRAG BALANCE

USE AERODYNAMIC BALANCE
LIFT DRAG RATIO

DRAG CHUTES

UF DROGUE PARACHUTES
GS BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
DRAUGHT CHUTES
DRAG DEVICES
AERODYNAMIC BRAKES
DRAUGHT CHUTES
PARACHUTES
DRAUGHT CHUTES
RT AIRCRAFT BRAKES
AIRDROPS
BALLUTES
RIBBON PARACHUTES
TOWED BODIES

NASA THESAURUS (VOLUME 1)

∞ DRAG COEFFICIENTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC DRAG
DRAG
HYDRODYNAMIC COEFFICIENTS

DRAG DEVICES

UF DRAGLATORS
GS DRAG DEVICES
AERODYNAMIC BRAKES
BALLUTES
DRAG CHUTES
PARAVULCOONS
SPLIT FLAPS
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
SPOILERS
RT ABORT APPARATUS
AIRCRAFT BRAKES
BOUNDARY LAYER CONTROL
BRAKES (FOR ARRESTING MOTION)
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
LIFT DEVICES
SKIN FRICTION
VORTEX ALLEVIATION

DRAG EFFECT

USE DRAG

DRAG FORCE ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAUGHT FORCE ANEMOMETERS
DISPLAY DEVICES
SPEED INDICATORS
ANEMOMETERS
DRAUGHT FORCE ANEMOMETERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAUGHT FORCE ANEMOMETERS
RT FLOW MEASUREMENT
∞ INSTRUMENTS
VELOCITY MEASUREMENT

DRAG MEASUREMENT

GS MECHANICAL MEASUREMENT
DRAUGHT MEASUREMENT
RT AERODYNAMIC DRAG
DRAG
ELECTROSTATIC DRAG
FLOW MEASUREMENT
∞ MEASUREMENT
MEASURING INSTRUMENTS

DRAG REDUCTION

RT AERODYNAMIC DRAG
FLUID FLOW
FRICTION
LIFT DRAG RATIO
∞ REDUCTION
WINGLETS

DRAGLATORS

USE BRAKES (FOR ARRESTING MOTION)
DRAG DEVICES

DRAINAGE

UF DRAINING
RUNOFFS
RT ∞ DISCHARGE
EVACUATING (VACUUM)
EXCAVATION
FLOOD CONTROL
HYDROLOGY
HYDROLOGY MODELS
IRRIGATION
LIQUID WASTES
MINES (EXCAVATIONS)
PERMEABILITY
∞ PUMPING
SEEPAGE
SEWERS
SUMPS
TUNNELING (EXCAVATION)
WASTE DISPOSAL
WATER FLOW
WATER RUNOFF

DRAINAGE-(CONT.)

WATER TABLES

DRAINAGE PATTERNS

UF DENDRITIC DRAINAGE
INTERLACING DRAINAGE
RADIAL DRAINAGE PATTERNS
RECTANGULAR DRAINAGE

RT ARROYOS
DIVIDES (LANDFORMS)
FLOOD DAMAGE
HYDROLOGY
IRRIGATION
MISSISSIPPI RIVER (US)

∞ PATTERNS
PRECIPITATION (METEOROLOGY)
TRIBUTARIES
WATER EROSION
WATER FLOW
WATERSHEDS

DRAINING

USE DRAINAGE

∞ DRAWING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT BUNDLE DRAWING
COLD DRAWING
DRAFTING (DRAWING)
DRAWINGS
EXTRUDING
LAYOUTS
METAL DRAWING
PULLING
RECORDS
STRETCH FORMING
STRETCHING
TEMPERING

DRAWINGS

UF ELEVATIONS (DRAWINGS)

GS **DRAWINGS**
ENGINEERING DRAWINGS
BLUEPRINTS

RT CHARTS

∞ CROSS SECTIONS
DIAGRAMS
DIMENSIONS
DOCUMENTS
DRAFTING (DRAWING)

∞ DRAWING
GRAPHIC ARTS
INKS
LAYOUTS

∞ PLANS
∞ PROJECTION
REPRESENTATIONS
REPRODUCTION (COPYING)
SPECIFICATIONS

∞ TRACING
VISUAL AIDS

DRC (CAPSULE)

USE DISCOVERER RECOVERY CAPSULES

DREAMS

RT RAPID EYE MOVEMENT STATE
SLEEP

DREDGED MATERIALS

RT CHANNEL FLOW

∞ CHANNELS
∞ MATERIALS
SEDIMENTS

DREDGING

RT ARTIFICIAL HARBORS
HARBORS
MINERAL DEPOSITS
MINING
UNDERWATER RESOURCES

∞ DRIFT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT DEVIATION
DIVERGENCE
DRIFT (INSTRUMENTATION)
DRIFT RATE
FLIGHT PATHS
IONOSPHERIC DRIFT

DRIFT-(CONT.)

STABILITY

DRIFT (INSTRUMENTATION)

UF INSTRUMENT DRIFT

RT ACCURACY
CIRCUIT RELIABILITY

∞ DRIFT
DRIFT RATE
DYNAMIC STABILITY
ERRORS
INSTRUMENT ERRORS
STATIC STABILITY
TOLERANCES (MECHANICS)

DRIFT RATE

GS RATES (PER TIME)
DRIFT RATE

RT ∞ DRIFT
DRIFT (INSTRUMENTATION)
IONOSPHERIC DRIFT
MOBILITY
ORBIT PERTURBATION
ORBITAL MECHANICS
ROTATING PLASMAS
STABILITY
TRAJECTORY CONTROL

DRILL BITS

GS CUTTERS
DRILL BITS
TOOLS
DRILL BITS

RT BITS
DRILLING
DRILLS

DRILLING

GS **DRILLING**
LASER DRILLING

RT BOREHOLES
CORE SAMPLING
CUTTING
DRILL BITS
DRILLS
EXPLORATION
MACHINING
NATURAL GAS EXPLORATION
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS
PENETRATION
PERFORATING
PIERCING
TUNNELING (EXCAVATION)
WELLS

DRILLS

GS CUTTERS
DRILLS

RT BORING MACHINES
COMPRESSED AIR
DRILL BITS
DRILLING
MACHINE TOOLS
TAPS
TOOLS

DRINKING

GS INGESTION (BIOLOGY)
DRINKING

RT BEVERAGES
SWALLOWING

∞ DRIVES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT MECHANICAL DRIVES
MOTIVATION
PROPULSION
SEX
SLEEP
WIND TUNNEL DRIVES

DROGUE PARACHUTES

USE DRAG CHUTES

DROGUES

USE TOWED BODIES

DRONE AIRCRAFT

UF DRONE HELICOPTERS
GS DRONE VEHICLES

DRONE AIRCRAFT-(CONT.)**DRONE AIRCRAFT**

TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT
PILOTLESS AIRCRAFT
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT

RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
DAST PROGRAM
LIGHT AIRCRAFT

∞ MILITARY AIRCRAFT
OBLIQUE WINGS
REMOTELY PILOTED VEHICLES
RESEARCH AIRCRAFT
V/STOL AIRCRAFT

DRONE HELICOPTERS

USE DRONE AIRCRAFT
HELICOPTERS

DRONE VEHICLES

GS **DRONE VEHICLES**
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT

RT ∞ MILITARY AIRCRAFT
PILOTLESS AIRCRAFT
SANDPIPER TARGET MISSILE

∞ VEHICLES
∞ WINGED VEHICLES

DRONES FOR AERODYNAMIC AND STRUCT TEST

USE DAST PROGRAM

DROOPED AIRFOILS

GS AERODYNAMIC CONFIGURATIONS
DROOPED AIRFOILS
AIRCRAFT CONFIGURATIONS
DROOPED AIRFOILS
AIRFOILS
DROOPED AIRFOILS

RT BODY-WING CONFIGURATIONS
WING ROOTS
WINGS

∞ DROP

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT DROPS (LIQUIDS)
GRADIENTS

DROP CALORIMETERS

GS MEASURING INSTRUMENTS
CALORIMETERS
DROP CALORIMETERS

RT BOMB CALORIMETERS
FLAME CALORIMETERS
HEAT MEASUREMENT
HIGH TEMPERATURE TESTS
TEMPERATURE MEASURING
INSTRUMENTS

DROP SIZE

RT CLOUD PHYSICS
CLOUDS
CLOUDS (METEOROLOGY)
CONDENSATES
CONDENSING
FOG
HUMIDITY
HYDROGEN CLOUDS
NUCLEATION
PARTICLE DIFFUSION
PARTICLE SIZE DISTRIBUTION

∞ PRECIPITATION
PRECIPITATION PARTICLE
MEASUREMENT
RAINDROPS
SIZE DISTRIBUTION

DROP TESTS

UF DROP WEIGHT TESTS
CHARPY IMPACT TEST
DESTRUCTIVE TESTS
IMPACT TESTING MACHINES
IMPACT TESTS

DROP TOWERS

DROP TESTS-(CONT)

NOTCH TESTS
SHOCK TESTS
∞ TESTS

DROP TOWERS

UF DROP TUBES
RT FALLING SPHERES
GRAVITATIONAL EFFECTS
LOW GRAVITY MANUFACTURING
REDUCED GRAVITY
WEIGHTLESSNESS

DROP TRANSFER

GS TRANSFERRING
DROP TRANSFER
RT ARC MELTING
MELTING
PLASMA JETS
REFINING

DROP TUBES

USE DROP TOWERS

DROP WEIGHT TESTS

USE DROP TESTS

DROPOUTS

RT CIRCUIT BREAKERS
ELECTRIC CONTACTS
ELECTRIC SWITCHES
SWITCHES

DROPS (LIQUIDS)

UF LIQUID DROPS
GS PARTICLES
DROPS (LIQUIDS)
RAINDROPS
RT AIR POLLUTION
CONDENSATION NUCLEI
CONDENSING
∞ DROP
SPRAYERS

DROPSONDES

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
DROPSONDES
SONDES
DROPSONDES
RT METEOROLOGICAL BALLOONS
RADIOSONDES
RAWINSONDES

DROSOPHILA

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
DROSOPHILA
RT CHIRONOMUS FLIES

DROUGHT

UF DROUGHT CONDITIONS
RT ARID LANDS
CONSERVATION
DESERTIFICATION
FLOODS
HYDROLOGY
POTABLE WATER
PRECIPITATION (METEOROLOGY)
WATER CONSUMPTION
WATER MANAGEMENT
WATER POLLUTION
WATER RECLAMATION

DROUGHT CONDITIONS

USE DROUGHT

DROWSINESS

USE SLEEP

DRUG THERAPY

USE CHEMOTHERAPY

DRUGS

GS **DRUGS**
ACTINOMYCIN
ADRENERGICS
AMINOPHYLLINE
ANESTHETICS
CHLOROFORM
CYCLOPROPANE
METHYL CHLORIDE

DRUGS-(CONT)

NOVOCAIN
ANTIADRENERGICS
ANTIBIOTICS
PENICILLIN
PLEUROTIN
STREPTOMYCIN
TETRACYCLINES
ANTICONVULSANTS
ANTIDIURETICS
ANTIDOTES
ANTIEMETICS AND ANTINAUSEANTS
ANTIHISTAMINICS
DIMENHYDRINATE
DIPHENYL HYDANTOIN
PROMETHAZINE
ANTIHYPERTENSIVE AGENTS
ANTIINFECTIVES AND ANTIBACTERIALS
ANTIRADIATION DRUGS
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
MARIJUANA
CHOLINERGICS
ANTICHOLINERGICS
CORTISONE
CYSTEINE
DECONGESTANTS
DIGITALIS
EPINEPHRINE
NOREPINEPHRINE
ERGOTAMINE
HEMOSTATICS
HISTAMINES
INSULIN
METHAMPHETAMINE
METRAZOL
MOTION SICKNESS DRUGS
MUSCLE RELAXANTS
NARCOTICS
MORPHINE
NEMBUTAL (TRADEMARK)
PENTOBARBITAL SODIUM
RESERPINE
PSYCHOTROPIC DRUGS
SEDATIVES
STIMULANTS
ATROPINE
CAFFEINE
CENTRAL NERVOUS SYSTEM
STIMULANTS
NORADRENALINE
NOREPINEPHRINE
TRANQUILIZERS
TRIMETHADIONE
VASOCONSTRICTOR DRUGS
HYPERTENSIN
RT ALKALOIDS
ANALGESIA
ANESTHESIOLOGY
BIOFLAVONOIDS
BIOTIN
CHEMICAL DEFENSE
CHEMOTHERAPY
CURES
DOSAGE
ETHERS
LYSERGAMIDE
PENTOBARBITAL
PHARMACOLOGY
PHENOBARBITAL
QUINOLINE
SALICYLATES
SUBLETHAL DOSAGE
VACCINES
VITAMINS

DRUMLINS

USE GLACIAL DRIFT

∞ DRUMS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT ∞ BARRELS
∞ CYLINDERS
DRUMS (CONTAINERS)
MAGNETIC DRUMS
MAGNETIC STORAGE

DRUMS (CONTAINERS)

SN (EXCLUDE MAGNETIC COMPUTER
MEMORIES)
RT BARRELS (CONTAINERS)
∞ BUCKETS
CANS

NASA THESAURUS (VOLUME 1)

DRUMS (CONTAINERS)-(CONT)

∞ CONTAINERS
∞ CYLINDERS
∞ DRUMS
TANKS (CONTAINERS)

DRY CELLS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
RT METAL AIR BATTERIES
NICKEL CADMIUM BATTERIES
STORAGE BATTERIES
THERMAL BATTERIES

DRY FRICTION

GS FRICTION
DRY FRICTION
RT ABRASION
KINETIC FRICTION
SLIDING FRICTION
STATIC FRICTION

DRY HEAT

GS HEAT
DRY HEAT
RT GEOTHERMAL RESOURCES
GEOTHERMAL TECHNOLOGY
HIGH TEMPERATURE ENVIRONMENTS
HUMIDITY
OVENS

DRYDOCKS

RT ∞ PORTS
SEA LAUNCHING

DRYERS (EQUIPMENT)

USE DRYING APPARATUS

DRYING

UF DESICCATION
DEWETTING
GS **DRYING**
DEHUMIDIFICATION
DEHYDRATION
FREEZE DRYING
RT ∞ ABSORPTION
BAKING
CONCENTRATING
CURING
DESATURATION
DEWATERING
DIFFUSION
ENTHALPY
EVAPORATION
FIRING (IGNITING)
ROASTING
∞ SEPARATION
SILICA GEL
WATER LOSS

DRYING APPARATUS

UF DRYERS (EQUIPMENT)
GS SEPARATORS
DRYING APPARATUS
DESICCATORS
RT ABSORBERS (EQUIPMENT)
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
DEHYDRATED FOOD
EVAPORATORS
FURNACES

DSIF (INSTRUMENTATION FACILITY)

USE DEEP SPACE INSTRUMENTATION
FACILITY

DSN HELICOPTER

USE OH-50 HELICOPTER

DTA (ANALYSIS)

USE THERMAL ANALYSIS

DTL INTEGRATED CIRCUITS

SN ITS)

DTL INTEGRATED CIRCUITS-(CONT)
 UF DIODE TRANSISTOR-LOGIC INTEG
 CIRCUITS
 GS CIRCUITS
 INTEGRATED CIRCUITS
 DTL INTEGRATED CIRCUITS
 RT ELECTRONIC PACKAGING
 LARGE SCALE INTEGRATION
 MICROMINIATURIZATION
 MOLECULAR ELECTRONICS
 TRANSISTOR CIRCUITS

DTMB-111 GROUND EFFECT MACHINE
 USE GROUND EFFECT MACHINES

DTMB-430 GROUND EFFECT MACHINE
 USE GROUND EFFECT MACHINES

DUAL AIR DENSITY EXPLORER
 UF DAD EXPLORER
 GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 DUAL AIR DENSITY EXPLORER

DUAL MODE PROPULSION
 USE HYBRID PROPULSION

DUAL SPIN SPACECRAFT
 RT OSO-7
 ∞ SPACECRAFT
 SPACECRAFT STABILITY
 SPIN STABILIZATION

DUAL THRUST NOZZLES
 GS ROCKET NOZZLES
 DUAL THRUST NOZZLES
 RT ∞ NOZZLES
 THRUST

DUAL WING CONFIGURATIONS
 RT BIPLANES
 TANDEM WING AIRCRAFT
 WINGS

DUALITY PRINCIPLE
 RT ∞ ANALYZING
 CIRCUITS
 EQUIVALENT CIRCUITS
 NETWORK ANALYSIS
 ∞ PATHS
 ∞ PRINCIPLES
 SIGNAL FLOW GRAPHS

DUALITY THEOREM
 GS THEOREMS
 DUALITY THEOREM
 RT HOMOLOGY
 ISOMORPHISM
 ∞ MATHEMATICS
 ∞ RELATIONSHIPS

DUCT GEOMETRY
 GS GEOMETRY
 DUCT GEOMETRY
 RT AIR FLOW
 ANNULAR DUCTS
 CIRCULAR TUBES
 FLUID FLOW
 INTAKE SYSTEMS
 OPENINGS
 SPATIAL MARCHING

DUCTED BODIES
 RT ANNULAR DUCTS
 AXISYMMETRIC BODIES
 BLUFF BODIES
 BLUNT BODIES
 ∞ BODIES
 DUCTS
 INTAKE SYSTEMS
 NACELLES
 NOSE INLETS
 SHROUDS
 SLENDER BODIES
 TWO DIMENSIONAL BODIES

DUCTED FAN ENGINES
 GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 DUCTED FAN ENGINES

DUCTED FAN ENGINES-(CONT)
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 DUCTED FAN ENGINES
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 DUCTED FAN ENGINES
 RT TURBOFAN ENGINES

DUCTED FANS
 RT BLOWERS
 FAN BLADES
 ∞ FANS
 LIFT FANS
 PROPELLER FANS
 RING WINGS
 SHROUDED PROPELLERS
 TURBOFANS
 VENTILATION FANS

DUCTED FLOW
 GS FLUID FLOW
 DUCTED FLOW
 KNUDSEN FLOW
 RT AIR FLOW
 CHANNEL FLOW
 CORNER FLOW
 FLOW GEOMETRY
 FUEL FLOW
 HEAT TRANSMISSION
 WALL FLOW

DUCTED PROPELLERS
 USE SHROUDED PROPELLERS

DUCTED ROCKET ENGINES
 GS ENGINES
 ROCKET ENGINES
 DUCTED ROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 ∞ HYBRID ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SUSTAINER ROCKET ENGINES

DUCTILITY
 GS MECHANICAL PROPERTIES
 DUCTILITY
 RT BRITTLENESS
 COMPRESSIVE STRENGTH
 CREEP PROPERTIES
 ELONGATION
 FATIGUE (MATERIALS)
 FLATTENING
 FRACTOGRAPHY
 FRACTURE STRENGTH
 HARDNESS
 IMPACT STRENGTH
 MALLEABILITY
 METAL DRAWING
 NOTCH STRENGTH
 PLASTIC PROPERTIES
 SHEAR PROPERTIES
 SOFTNESS
 STRESS RELAXATION
 STRETCHING
 TEMPER (METALLURGY)
 TENSILE STRENGTH
 TOUGHNESS
 TRESCA FLOW
 WELDABILITY

DUCTS
 GS **DUCTS**
 ACOUSTIC DUCTS
 AIR DUCTS
 ANNULAR DUCTS
 RT BAFFLES
 CAVITIES
 ∞ CHANNELS
 DUCTED BODIES
 EXHAUST SYSTEMS
 FLUES
 INTAKE SYSTEMS
 NOSE INLETS
 OPENINGS
 ORIFICES
 OUTLETS
 PIPES (TUBES)

DUCTS-(CONT)
 PLENUM CHAMBERS
 PORTS (OPENINGS)
 SCOOPS
 THROATS
 ∞ TUBES
 VENTILATION
 VENTS
 WINDOWS (APERTURES)

DUFFING DIFFERENTIAL EQUATION
 GS ALGEBRA
 NONLINEAR EQUATIONS
 DUFFING DIFFERENTIAL EQUATION
 ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 DIFFERENTIAL EQUATIONS
 DUFFING DIFFERENTIAL EQUATION
 NONLINEAR EQUATIONS
 DUFFING DIFFERENTIAL EQUATION
 RT ∞ EQUATIONS
 PROBABILITY THEORY

DULLNESS
 USE LUSTER

DUMMIES
 RT DECOYS
 MODELS
 SIMULATORS

DUMMY LOADS
 USE IMPEDANCE
 LOADING
 OUTPUT

DUMPING
 RT DISCONNECT DEVICES
 DISPOSAL
 EJECTION
 EMPTYING
 EXPULSION
 JETTISONING
 MATERIALS HANDLING
 OIL SUCKS
 RELEASING
 SPILLING
 SPREADING
 UNLOADING

DUNALIELLA
 GS ALGAE
 DUNALIELLA

DUNES
 UF BARCHANS
 COASTAL DUNES
 SAND DUNES
 GS LANDFORMS
 DUNES
 RT BEACHES
 COASTS
 DESERTS
 LAGOONS
 SAHARA DESERT (AFRICA)
 SANDS
 TOPOGRAPHY
 WIND EFFECTS

DUNGEYS WIND SHEAR MECHANISM
 USE WIND SHEAR

DUNITE
 GS ROCKS
 IGNEOUS ROCKS
 DUNITE
 RT MINERALS
 OLIVINE
 PERIDOTITE
 SOILS

DUOCHROMATORS
 RT ELECTROMAGNETIC RADIATION
 ∞ GENERATORS
 LIGHT SOURCES
 MEASURING INSTRUMENTS
 MONOCHROMATORS
 RADIATION SOURCES
 SPECTROPHOTOMETERS

DUOPLASMATRONS
 GS ION SOURCES
 PLASMATRONS
 DUOPLASMATRONS

DUPLEX OPERATION

DUOPLASMATRONS-(CONT)

PLASMA GENERATORS
PLASMATRONS

DUOPLASMATRONS
RT ELECTRIC DISCHARGES
ION PROPULSION
PLASMA PROPULSION
PLASMAS (PHYSICS)
SPUTTERING

DUPLEX OPERATION

RT ∞ METALLURGY
PHASE SHIFT CIRCUITS
SWITCHING CIRCUITS

DUPLEXERS

RT CIRCUITS
CIRCULATORS (PHASE SHIFT CIRCUITS)
MAGIC TEES
MONOPULSE RADAR
RECEIVERS
SWITCHING CIRCUITS
TRANSMITTERS

DUPLICATING

USE REPRODUCTION (COPYING)

DURABILITY

RT AIRCRAFT SURVIVABILITY
CORROSION
CUMULATIVE DAMAGE
DAMAGE
DEGRADATION
DETERIORATION
∞ ENDURANCE
LIFE (DURABILITY)
LONG TERM EFFECTS
MECHANICAL PROPERTIES
∞ PHYSICAL PROPERTIES
QUALITY
RELIABILITY
∞ RESISTANCE
RUGGEDNESS
STABILITY
VULNERABILITY
WEAR

DURATION

USE TIME

DURENE

GS HYDROCARBONS
DURENE

DUST

GS **DUST**
COSMIC DUST
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
LUNAR DUST
TERRESTRIAL DUST BELT
RT AEROSOLS
AIR POLLUTION
AITKEN NUCLEI
CLEANING
CLOUDS
COMBUSTION PRODUCTS
CONTAMINANTS
DIRT
∞ DISPERSION
DISPERSIONS
FUMES
PARTICLES
POLLEN
POWDER (PARTICLES)
SANDS
SMOKE
SPACE DEBRIS

DUST COLLECTORS

GS ACCUMULATORS
DUST COLLECTORS
SEPARATORS
DUST COLLECTORS
RT AIR FILTERS
ELECTROSTATIC PRECIPITATORS
EXHAUST SYSTEMS
PRECIPITATORS

DUST STORMS

GS STORMS
STORMS (METEOROLOGY)
DUST STORMS

DUST STORMS-(CONT)

RT ATMOSPHERIC ELECTRICITY
ATMOSPHERIC PHYSICS
MARS (PLANET)
MARS ENVIRONMENT
MARS SURFACE
WIND EFFECTS

DWARF GALAXIES

GS CELESTIAL BODIES
GALAXIES
DWARF GALAXIES
RT LOCAL GROUP (ASTRONOMY)

DWARF NOVAE

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
ECLIPSING BINARY STARS
DWARF NOVAE
DWARF STARS
DWARF NOVAE
VARIABLE STARS
NOVAE
DWARF NOVAE
RT HERCULES NOVA
STELLAR MASS ACCRETION
STELLAR MASS EJECTION
WHITE DWARF STARS

DWARF STARS

GS CELESTIAL BODIES
STARS
DWARF STARS
DWARF NOVAE
FLARE STARS
RED DWARF STARS
SUBDWARF STARS
WHITE DWARF STARS
RT CATAclysmic VARIABLES
LATE STARS
MAIN SEQUENCE STARS
SUBGIANT STARS

DWELL

RT DELAY
IGNITION SYSTEMS
TIMING DEVICES

DYADICS

GS ALGEBRA
POLYNOMIALS
DYADICS
RT VECTORS (MATHEMATICS)

DYE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
ORGANIC LASERS
DYE LASERS
RT DYES
INFRARED LASERS
LASER OUTPUTS
LIQUID LASERS
OPTICAL COMMUNICATION
TUNING
TWO-WAVELENGTH LASERS

DYES

GS **DYES**
METHYLENE BLUE
THIAZINE (TRADEMARK)
RT ACRIFLAVINE
ANILINE
ANTHRAQUINONES
AZINES
AZO COMPOUNDS
DYE LASERS
∞ MARKERS
METHYLENE
PHENANTHRENE
STILBENE

DYNA-SOAR SPACE GLIDER

USE X-20 AIRCRAFT

DYNAMIC CHARACTERISTICS

UF DYNAMIC PROPERTIES
GS **DYNAMIC CHARACTERISTICS**
DRAG
ELECTROSTATIC DRAG
FRICTION DRAG
AERODYNAMIC DRAG

NASA THESAURUS (VOLUME 1)

DYNAMIC CHARACTERISTICS-(CONT)

SUPERSONIC DRAG
VISCOUS DRAG
MINIMUM DRAG
PRESSURE DRAG
SUPERSONIC DRAG
WAVE DRAG
INTERFERENCE DRAG
SATELLITE DRAG
DYNAMIC PRESSURE
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
CONTROL STABILITY
FREQUENCY STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
FLOW VELOCITY
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
TRANSIENT RESPONSE
RT ACCURACY
AERODYNAMIC BALANCE
AERODYNAMIC CHARACTERISTICS
AMPLIFICATION
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
BANDWIDTH
∞ CHARACTERISTICS
∞ CONTROL
DAMPING
DISTRIBUTION (PROPERTY)
∞ DYNAMICS
∞ EQUILIBRIUM
ERRORS
∞ FREQUENCY RESPONSE
HYSTERESIS
IMPEDANCE
LINEARITY
OCEAN DYNAMICS
PRECISION
∞ PROPERTIES
RANGE (EXTREMES)
REACTION TIME
RELIABILITY
REMOTE CONTROL
RESOLUTION
RESONANT FREQUENCIES
SENSITIVITY
STABILITY
TIME CONSTANT
TRANSFER FUNCTIONS

DYNAMIC CONTROL

GS AUTOMATIC CONTROL
DYNAMIC CONTROL
RT ADAPTIVE CONTROL
∞ CONTROL
CONTROL THEORY
∞ DYNAMICS
FEEDBACK CONTROL

DYNAMIC LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
AERODYNAMIC LOADS
BLAST LOADS

NASA THESAURUS (VOLUME 1)

DYNAMIC LOADS-(CONT)

GUST LOADS
CYCLIC LOADS
ROLLING CONTACT LOADS
THRUST LOADS
TRANSIENT LOADS
GUST LOADS
IMPACT LOADS
LANDING LOADS
SHOCK LOADS
BLAST LOADS
VIBRATORY LOADS
WING LOADING

RT AXIAL COMPRESSION LOADS
AXIAL LOADS
COMPRESSION LOADS
CRITICAL LOADING

∞ DYNAMICS
EDGE LOADING
GAS-SOLID INTERACTIONS
NASTRAN
RANDOM LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
WIND PRESSURE

DYNAMIC MODELS

GS MODELS
DYNAMIC MODELS
RT AIRCRAFT MODELS
BIOLOGICAL MODELS (MATHEMATICS)
BOND GRAPHS
∞ DYNAMICS
MATHEMATICAL MODELS
OCEAN MODELS
PETRI NETS
POWERED MODELS
SIMILARITY THEOREM
SPACECRAFT MODELS
STATIC MODELS
SYSTEMS SIMULATION
WIND TUNNEL MODELS

DYNAMIC MODULUS OF ELASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
MODULUS OF ELASTICITY
DYNAMIC MODULUS OF ELASTICITY
RT ∞ DYNAMICS
ULTRASONIC TESTS

DYNAMIC PRESSURE

GS DYNAMIC CHARACTERISTICS
DYNAMIC PRESSURE
PRESSURE
DYNAMIC PRESSURE
RT BLAST LOADS
∞ DYNAMICS
IMPACT LOADS
KINETIC THEORY
OVERPRESSURE
RIEMANN WAVES

DYNAMIC PROGRAMMING

GS OPERATIONS RESEARCH
DYNAMIC PROGRAMMING
RESEARCH
MATHEMATICAL PROGRAMMING
DYNAMIC PROGRAMMING
RT ∞ APPLICATIONS OF MATHEMATICS
BELLMAN THEORY
CONSTRAINTS
CRITICAL PATH METHOD
DECISION THEORY
∞ DYNAMICS
FORMALISM
LINEAR PROGRAMMING
MATHEMATICAL MODELS
NONLINEAR SYSTEMS
OPERATIONS RESEARCH
∞ PROGRAMMING
STEEPEST DESCENT METHOD

DYNAMIC PROPERTIES

USE DYNAMIC CHARACTERISTICS

DYNAMIC RESPONSE

GS RESPONSES
DYNAMIC RESPONSE
TRANSIENT RESPONSE
RT AMPLIFICATION
DAMPING
∞ DYNAMICS
FIBER ORIENTATION

DYNAMIC RESPONSE-(CONT)

∞ FREQUENCY RESPONSE
IMPEDANCE
MODAL RESPONSE
PARAMETER IDENTIFICATION
RAMP FUNCTIONS
REACTION TIME
RESPONSE BIAS
SENSITIVITY
STEP FUNCTIONS
STROKING TESTS
SYSTEM IDENTIFICATION
TIME CONSTANT
TRANSFER FUNCTIONS

DYNAMIC STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
CONTROL STABILITY
FREQUENCY STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
WEIBEL INSTABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
STABILITY

DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
CONTROL STABILITY
FREQUENCY STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY

RT COUNTERBALANCES
DAMPING
DIMENSIONAL STABILITY
DRIFT (INSTRUMENTATION)
∞ DYNAMICS
HORIZONTAL ORIENTATION
MISSING MASS (ASTROPHYSICS)
RESONANT VIBRATION
SPACECRAFT MOTION
STABLE OSCILLATIONS
STATIC STABILITY
SURFACE STABILITY
SYSTEMS STABILITY
TRANSIENT RESPONSE
VERTICAL ORIENTATION

DYNAMIC STRUCTURAL ANALYSIS

UF STRUCTURAL DYNAMICS
GS STRUCTURAL ANALYSIS
DYNAMIC STRUCTURAL ANALYSIS
RT ∞ DYNAMICS
FLAT PLATES
SHOCK SPECTRA

DYNAMIC TESTS

RT AERODYNAMIC STABILITY
∞ DYNAMICS
FLIGHT TESTS
LOW SPEED STABILITY
MOTION STABILITY

DYNAMICS EXPLORER 2 SATELLITE

DYNAMIC TESTS-(CONT)

SPIN DYNAMICS
SPIN TESTS
STATIC TESTS
∞ TESTS
VIBRATION TESTS

DYNAMICAL SYSTEMS

RT CONTROL THEORY
MATHEMATICAL MODELS
NONLINEAR SYSTEMS
SYSTEMS SIMULATION

∞ DYNAMICS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT AERODYNAMICS
AEROSTATICS
AEROTHERMODYNAMICS
ASTRODYNAMICS
BIODYNAMICS
CHIRAL DYNAMICS
COMPUTATIONAL FLUID DYNAMICS
CONTINUUM MECHANICS
DYNAMIC CHARACTERISTICS
DYNAMIC CONTROL
DYNAMIC LOADS
DYNAMIC MODELS
DYNAMIC MODULUS OF ELASTICITY
DYNAMIC PRESSURE
DYNAMIC PROGRAMMING
DYNAMIC RESPONSE
DYNAMIC STABILITY
DYNAMIC STRUCTURAL ANALYSIS
DYNAMIC TESTS
ELASTODYNAMICS
ELECTRODYNAMICS
EQUATIONS OF MOTION
FIELD THEORY (PHYSICS)
FLUID DYNAMICS
FLUID MECHANICS
GAS DYNAMICS
GEODYNAMICS
GROUP DYNAMICS
HAMILTONIAN FUNCTIONS
HEMODYNAMICS
HYDRODYNAMICS
KINEMATICS
KINETICS
MAGNETOHYDRODYNAMICS
∞ MECHANICS (PHYSICS)
MOMENTUM
MOMENTUM TRANSFER
NUTATION
OCEAN DYNAMICS
PLASMA DYNAMICS
QUANTUM CHROMODYNAMICS
RAREFIED GAS DYNAMICS
RESONANT FREQUENCIES
RESONANT VIBRATION
SPIN DYNAMICS
STABILIZERS (FLUID DYNAMICS)
STATICS
TERRADYNAMICS
THERMODYNAMICS
VARIATIONAL PRINCIPLES
VELOCITY
VIBRATION

DYNAMICS EXPLORER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
DYNAMICS EXPLORER SATELLITES
DYNAMICS EXPLORER 1
SATELLITE
DYNAMICS EXPLORER 2
SATELLITE

DYNAMICS EXPLORER 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
DYNAMICS EXPLORER SATELLITES
DYNAMICS EXPLORER 1
SATELLITE

DYNAMICS EXPLORER 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
DYNAMICS EXPLORER SATELLITES
DYNAMICS EXPLORER 2
SATELLITE

DYNAMITE

DYNAMITE
 GS EXPLOSIVES
DYNAMITE
 RT NITROGLYCERIN

DYNAMO THEORY
 RT EARTH CORE
 GEOMAGNETISM
 TELLURIC CURRENTS
 ∞ THEORIES

DYNAMOMETERS
 UF ELECTRODYNAMOMETERS
 GS ELECTRIC GENERATORS
 ROTATING GENERATORS
DYNAMOMETERS
 MEASURING INSTRUMENTS
DYNAMOMETERS
 RT ERGOMETERS
 MECHANICAL MEASUREMENT
 ∞ TEST EQUIPMENT
 THRUST MEASUREMENT
 TORQUEMETERS

DYNAMOS
 USE ROTATING GENERATORS

DYNODES
 GS ELECTRODES
DYNODES
 RT CAMERA TUBES
 PHOTOMULTIPLIER TUBES
 SECONDARY EMISSION

DYSON THEORY
 RT HEISENBERG THEORY
 QUANTUM MECHANICS
 ∞ THEORIES

DYSPNEA
 GS RATES (PER TIME)
 RESPIRATORY RATE
DYSPNEA
 SIGNS AND SYMPTOMS
DYSPNEA

DYSPROSIUM
 GS CHEMICAL ELEMENTS
 RARE EARTH ELEMENTS
DYSPROSIUM
 DYSPROSIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
DYSPROSIUM
 DYSPROSIUM ISOTOPES

DYSPROSIUM COMPOUNDS
 GS RARE EARTH COMPOUNDS
DYSPROSIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

DYSPROSIUM ISOTOPES
 UF DYSPROSIUM 161
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
DYSPROSIUM ISOTOPES
 RARE EARTH ELEMENTS
 DYSPROSIUM
DYSPROSIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
 DYSPROSIUM
DYSPROSIUM ISOTOPES

DYSPROSIUM 161
 USE DYSPROSIUM ISOTOPES

E

E GLASS
 GS GLASS
E GLASS
 S GLASS
 RT COMPOSITE MATERIALS
 GLASS FIBER REINFORCED PLASTICS
 GLASS FIBERS
 SILICON DIOXIDE

E LAYERS
 USE E REGION

E REGION
 UF E LAYERS
 NIGHT E LAYER
 GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 IONOSPHERE
E REGION
 E-1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 REGIONS
E REGION
 RT LOWER IONOSPHERE
 UPPER IONOSPHERE

E-1 LAYER
 GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 IONOSPHERE
 E REGION
E-1 LAYER
 RT SPORADIC E LAYER

E-2 AIRCRAFT
 UF HAWKEYE AIRCRAFT
 W2F AIRCRAFT
 GS AWACS AIRCRAFT
E-2 AIRCRAFT
 GRUMMAN AIRCRAFT
E-2 AIRCRAFT
 OBSERVATION AIRCRAFT
E-2 AIRCRAFT
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY
 PASSENGER AIRCRAFT
 TURBOPROP ENGINES

E-2 LAYER
 GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 IONOSPHERE
 E REGION
E-2 LAYER
 RT SPORADIC E LAYER

E-3A AIRCRAFT
 GS AWACS AIRCRAFT
E-3A AIRCRAFT
 BOEING AIRCRAFT
E-3A AIRCRAFT
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY

E-4A AIRCRAFT
 UF ADVANCED AIRBORNE COMMAND POST
 BOEING 747B AIRCRAFT
 GS AWACS AIRCRAFT
E-4A AIRCRAFT
 BOEING AIRCRAFT
E-4A AIRCRAFT
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY

EAI 680 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 ANALOG COMPUTERS
EAI 680 COMPUTER
 DIGITAL COMPUTERS
EAI 680 COMPUTER

EAI 8400 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
EAI 8400 COMPUTER

EAI 8900 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
EAI 8900 COMPUTER

NASA THESAURUS (VOLUME 1)

EAR
 GS ANATOMY
 SENSE ORGANS
EAR
 CORTI ORGAN
 EARDRUMS
 LABYRINTH
 COCHLEA
 VESTIBULES
 MASTOIDS
 MIDDLE EAR
 SEMICIRCULAR CANALS
 RT ARTIFICIAL EARS
 AUDITORY PERCEPTION
 ENDOLYMPH
 EUSTACHIAN TUBES
 HEARING
 LABYRINTHECTOMY
 OTOLARYNGOLOGY
 OTOTOLOGY

EAR PRESSURE TEST
 GS PHYSIOLOGICAL TESTS
EAR PRESSURE TEST
 RT MIDDLE EAR PRESSURE
 PRESSURE
 VERTIGO
 VESTIBULAR TESTS

EAR PROTECTORS
 GS PROTECTORS
EAR PROTECTORS
 RT NOISE INJURIES
 NOISE REDUCTION

EARDRUMS
 GS ANATOMY
 SENSE ORGANS
 EAR
EARDRUMS
 RT EUSTACHIAN TUBES
 MIDDLE EAR PRESSURE
 SEMICIRCULAR CANALS

EARLY APOLLO SURFACE EXPERIMENTS PACKAGE
 USE EASEP

EARLY BIRD SATELLITES
 GS SATELLITES
 ACTIVE SATELLITES
 SYNCOM SATELLITES
EARLY BIRD SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 SYNCOM SATELLITES
EARLY BIRD SATELLITES
 SYNCHRONOUS SATELLITES
 SYNCOM SATELLITES
EARLY BIRD SATELLITES
 RT ATS
 COMSAT PROGRAM

EARLY STARS
 GS CELESTIAL BODIES
 STARS
EARLY STARS
 PROTOSTARS
 T TAURI STARS
 RT LATE STARS
 MAIN SEQUENCE STARS

EARLY WARNING SYSTEMS
 GS WARNING SYSTEMS
EARLY WARNING SYSTEMS
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 RT AIR DEFENSE
 AWACS AIRCRAFT
 COBRA DANE (RADAR)
 DETECTION
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 MISSILE DETECTION
 OVER-THE-HORIZON RADAR
 RADAR TARGETS
 RADAR TRACKING
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 ∞ SYSTEMS
 WARNING

EARPHONES
 UF HEADSETS

EARPHONES-(CONT)

GS AUDIO EQUIPMENT
EARPHONES
 RT ACOUSTICS
 AUDITORY PERCEPTION
 INTERPHONES
 SOUND TRANSMISSION
 TELEPHONES

EARTH (PLANET)

UF WORLD
 GS CELESTIAL BODIES
 PLANETS
 TERRESTRIAL PLANETS
EARTH (PLANET)
 RT EASTERN HEMISPHERE
 GEODESY
 GEOELECTRICITY
 GEOGRAPHY
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 ∞ GLOBES
 PLANETARY CRATERS
 POLAR CAPS
 TERRESTRIAL RADIATION
 WESTERN HEMISPHERE

EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM

UF EOPAP
 GS PROGRAMS
 NASA PROGRAMS
EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
 NASA SPACE PROGRAMS
EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
 PROJECTS
EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
 RT OCEANOGRAPHY
 ∞ RESEARCH PROJECTS

EARTH ALBEDO

GS ALBEDO
EARTH ALBEDO
 RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH RADIATION BUDGET
 EXPERIMENT
 EBERT SPECTROMETERS
 LUNAR ALBEDO
 REFLECTANCE
 TERRESTRIAL RADIATION

EARTH ATMOSPHERE

GS **EARTH ATMOSPHERE**
 FREE ATMOSPHERE
 HETEROSPHERE
 HOMOSPHERE
 MIDDLE ATMOSPHERE
 CHEMOSPHERE
 STRATOSPHERE
 LOWER ATMOSPHERE
 BIOSPHERE
 OZONOSPHERE
 TROPOSPHERE
 MIDLATITUDE ATMOSPHERE
 PRIMITIVE EARTH ATMOSPHERE
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 STRATOPAUSE
 TROPOPAUSE
 UPPER ATMOSPHERE
 EXOSPHERE
 IONOSPHERE
 E REGION
 E 1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 LOWER IONOSPHERE
 D REGION
 UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 MAGNETOSPHERE
 GEOMAGNETIC TAIL
 MAGNETOPAUSE
 MESOPAUSE
 MESOSPHERE

EARTH ATMOSPHERE-(CONT)

THERMOSPHERE
 TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AEROSPACE ENVIRONMENTS
 AIR
 AIR POLLUTION
 AIR QUALITY
 AIRGLOW
 ∞ ATMOSPHERES
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC ENTRY
 ATMOSPHERIC GENERAL CIRCULATION
 EXPERIMENT
 AURORAS
 BIOASTRONAUTICS
 GEOPOTENTIAL HEIGHT
 GLOBAL AIR POLLUTION
 GREENHOUSE EFFECT
 METEOR TRAILS
 OPEN PROJECT
 PLANETARY ATMOSPHERES
 PLASMASPHERE
 SATELLITE ATMOSPHERES
 SCALE HEIGHT
 SUPERROTATION
 WEATHERING

EARTH AXIS

GS AXES (REFERENCE LINES)
 AXES OF ROTATION
EARTH AXIS
 RT COORDINATES
 GEODESY
 POLAR WANDERING (GEOLOGY)

EARTH CORE

GS CORES
 PLANETARY CORES
EARTH CORE
 LITHOSPHERE
EARTH CORE
 RT DYNAMO THEORY
 GEOPHYSICAL FLUIDS
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CRUST

GS CRUSTS
EARTH CRUST
 LITHOSPHERE
EARTH CRUST
 RT COESITE
 CONTINENTAL DRIFT
 CORE SAMPLING
 CRATONS
 CRUSTAL FRACTURES
 EARTHQUAKE DAMAGE
 FOLDS (GEOLOGY)
 LUNAR CRUST
 MASSIFS
 PLATES (TECTONICS)
 SAN ANDREAS FAULT
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CURRENTS

USE TELLURIC CURRENTS

EARTH ENERGY BUDGET EXPERIMENT

USE LZEEB SATELLITE

EARTH ENVIRONMENT

GS ENVIRONMENTS
EARTH ENVIRONMENT
 RT AIR POLLUTION
 ARID LANDS
 DESERTIFICATION

EARTH FIGURE

USE GEODESY

EARTH HYDROSPHERE

UF HYDROSPHERE (EARTH)
 RT BIOSPHERE
 HYDROLOGY
 LAKES
 LIMNOLOGY
 OCEANS
 SEAS

EARTH LIMB

RT ASTRONOMY

EARTH LIMB-(CONT)

LIBRATION
 ∞ LIMBS
 PLANETARY LIMB

EARTH MANTLE

UF MANTLE (EARTH STRUCTURE)
 GS LITHOSPHERE
EARTH MANTLE
 PLANETARY MANTLES
EARTH MANTLE
 RT COESITE
 LUNAR MANTLE
 PLATES (TECTONICS)
 REGOLITH
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)
 SUBDUCTION (GEOLOGY)

∞ EARTH MOTION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT EARTH MOVEMENTS
 EARTH ROTATION
 POLAR WANDERING (GEOLOGY)
 SOLAR ORBITS

EARTH MOVEMENTS

GS **EARTH MOVEMENTS**
 EARTHQUAKES
 LANDSLIDES
 RT AVALANCHES
 CREVASSES
 CRUSTAL FRACTURES
 ∞ EARTH MOTION
 EARTHQUAKE DAMAGE
 GEODYNAMICS
 LARGE APERTURE SEISMIC ARRAY
 SEISMIC WAVES
 SEISMOLOGY
 TECTONICS
 TSUNAMI WAVES

EARTH OBSERVATIONS (FROM SPACE)

GS OBSERVATION
EARTH OBSERVATIONS (FROM SPACE)
 SATELLITE OBSERVATION
 SPOT (FRENCH SATELLITE)
 RT AERIAL PHOTOGRAPHY
 DATA ACQUISITION
 EARTHNET
 FEATURE IDENTIFICATION AND LOCATION EXPER
 INTERNATIONAL
 GEOSPHERE-BIOSPHERE PROGRAM
 LANDSAT SATELLITES
 MULTISPECTRAL BAND SCANNERS
 MULTISPECTRAL PHOTOGRAPHY
 PHOTOGRAPHY

EARTH ORBITAL RENDEZVOUS

UF EOR (RENDEZVOUS)
 GS MANEUVERS
 ORBITAL RENDEZVOUS
EARTH ORBITAL RENDEZVOUS
 RENDEZVOUS
EARTH ORBITAL RENDEZVOUS
 RT LUNAR ORBITAL RENDEZVOUS
 ORBITAL MECHANICS
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT TRAJECTORIES
 TRANSFER ORBITS

EARTH ORBITING SPACE STATIONS

USE EOSS

EARTH ORBITS

SN (ORBITS AROUND THE EARTH)
 GS ORBITS
EARTH ORBITS
 APOGEES
 PERIGEEES
 RT APOLLO ASTEROIDS
 CIRCULAR ORBITS
 CIRCUMLUNAR TRAJECTORIES
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 HANSEN LUNAR THEORY
 HILL LUNAR THEORY
 HILL METHOD
 LUNAR ORBITS
 ORBITAL LIFETIME
 ORBITAL MECHANICS

EARTH PLANETARY STRUCTURE

EARTH ORBITS-(CONT)

PARKING ORBITS
PLANETARY ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
STATIONARY ORBITS
TRANSFER ORBITS
TWENTY-FOUR HOUR ORBITS

EARTH PLANETARY STRUCTURE

RT CONTINENTAL DRIFT
GEOLOGY
GEOPHYSICS
HYDROLOGY
LITHOSPHERE
OCEANOGRAPHY
PLANETARY COMPOSITION
PLANETARY STRUCTURE
PLATES (TECTONICS)
PRIMITIVE EARTH ATMOSPHERE
STRUCTURAL PROPERTIES (GEOLOGY)
∞ STRUCTURES
TECTONICS

EARTH RADIATION

USE TERRESTRIAL RADIATION

EARTH RADIATION BUDGET EXPERIMENT

UF ERBE
GS PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACEBORNE EXPERIMENTS
EARTH RADIATION BUDGET
EXPERIMENT
RT ALBEDO
EARTH ALBEDO
∞ RADIATION
RADIATION MEASURING INSTRUMENTS
TERRESTRIAL RADIATION

EARTH RESOURCES

GS RESOURCES
EARTH RESOURCES
FORESTS
RAIN FORESTS
FOSSIL FUELS
COAL
LIGNITE
SOLVENT REFINED COAL
CRUDE OIL
GLACIERS
ICEBERGS
LAND ICE
MARINE RESOURCES
OIL FIELDS
RANGE RESOURCES
SPRINGS (WATER)
TAR SANDS
THERMAL RESOURCES
GEOTHERMAL RESOURCES
GEYSERS
UNDERWATER RESOURCES
WATER RESOURCES
RT ALFALFA
ARID LANDS
BALTIC SHIELD (EUROPE)
BEDROCK
BIRDS
BRUSH (BOTANY)
CHAPARRAL
COASTAL ECOLOGY
COASTAL PLAINS
CORN
COTTON
CROP GROWTH
CROP IDENTIFICATION
DECIDUOUS TREES
DESERTS
EARTHNET
ENERGY POLICY
ENERGY TECHNOLOGY
ENVIRONMENT MANAGEMENT
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
EROS (SATELLITES)
FARM CROPS
FARMLANDS
FISHES
FLATS (LANDFORMS)
∞ FOOD
FOREST MANAGEMENT
GEOGRAPHIC APPLICATIONS PROGRAM
GEOTHERMAL ENERGY CONVERSION
GRAINS (FOOD)

EARTH RESOURCES-(CONT)

GRANITE
GRASSLANDS
GREAT BASIN (US)
GREAT LAKES (NORTH AMERICA)
GREAT SALT LAKE (UT)
GROUND WATER
HABITATS
HAY
ICE MAPPING
IMAGERY
KEROGEN
KETTLES (GEOLOGY)
KEYS (ISLANDS)
LAND USE
LARGE AREA CROP INVENTORY
EXPERIMENT
LAVA
LEGUMINOUS PLANTS
LIMESTONE
MAMMALS
MARSHLANDS
MILLET
MINERAL DEPOSITS
MINERALS
MISSISSIPPI RIVER (US)
NASA INTERACTIVE PLANNING SYSTEM
OATS
OCEANOGRAPHY
PHOTOGRAPHY
PHOTOMAPPING
PLANTS (BOTANY)
RECONNAISSANCE
REGOLITH
REMOTE SENSING
REMOTE SENSORS
RESOURCES MANAGEMENT
RIVERS
ROCKS
RURAL LAND USE
SANDS
SANDSTONES
SCANNING
SHALES
SOILS
SORGHUM
SPACEBORNE PHOTOGRAPHY
SPECTRAL RECONNAISSANCE
SPOT (FRENCH SATELLITE)
STRIP MINING
SUGAR BEETS
SUGAR CANE
SUNFLOWERS
SURFACE WATER
SURVEILLANCE
TERRAIN ANALYSIS
THERMAL MAPPING
TIDEPPOWER
TIMBER IDENTIFICATION
TIMBER INVENTORY
TRIBUTARIES
VEGETATION
VINEYARDS
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WHARVES
WINDPOWER UTILIZATION

EARTH RESOURCES EXPERIMENT PACKAGE

USE EREP

EARTH RESOURCES INFORMATION SYSTEM

GS INFORMATION SYSTEMS
EARTH RESOURCES INFORMATION
SYSTEM
RT DATA SYSTEMS
NASA PROGRAMS
PROGRAMS
SKYLAB PROGRAM
∞ SYSTEMS

EARTH RESOURCES OBSERVATION SATELLITES

USE EROS (SATELLITES)

EARTH RESOURCES PROGRAM

GS PROGRAMS
NASA PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
NASA SPACE PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM

NASA THESAURUS (VOLUME 1)

EARTH RESOURCES PROGRAM-(CONT)

SEASAT PROGRAM
RT APOLLO APPLICATIONS PROGRAM
CHANGE DETECTION
GEOGRAPHIC APPLICATIONS PROGRAM
INFRARED RADIOMETERS
LARGE AREA CROP INVENTORY
EXPERIMENT
PLANT STRESS
SATELLITE OBSERVATION
SKYLAB PROGRAM

EARTH RESOURCES SHUTTLE IMAGING RADAR

GS RADAR
PULSE RADAR
PULSE DOPPLER RADAR
EARTH RESOURCES SHUTTLE
IMAGING RADAR
RT RADAR IMAGERY
SYNTHETIC ARRAYS

EARTH RESOURCES SURVEY AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
EARTH RESOURCES SURVEY
AIRCRAFT
RT AERIAL PHOTOGRAPHY
AERIAL RECONNAISSANCE
∞ AIRCRAFT
PHOTO GEOLOGY
PHOTORECONNAISSANCE

EARTH RESOURCES SURVEY PROGRAM

GS PROGRAMS
NASA PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
NASA SPACE PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
RT APOLLO APPLICATIONS PROGRAM
SKYLAB PROGRAM

EARTH RESOURCES TECHNOLOGY SATELLITE B

USE LANDSAT 2

EARTH RESOURCES TECHNOLOGY SATELLITE C

USE LANDSAT 3

EARTH RESOURCES TECHNOLOGY SATELLITE D

USE LANDSAT 4

EARTH RESOURCES TECHNOLOGY SATELLITE E

USE LANDSAT E

EARTH RESOURCES TECHNOLOGY SATELLITE F

USE LANDSAT F

EARTH RESOURCES TECHNOLOGY SATELLITE 1

USE LANDSAT 1

EARTH RESOURCES TECHNOLOGY SATELLITES

USE LANDSAT SATELLITES

EARTH ROTATION

GS GYRATION
ROTATION
EARTH ROTATION
RT ∞ EARTH MOTION
SIDEREAL TIME
SUPERROTATION

EARTH SHAPE

USE GEODESY

EARTH SURFACE

GS LITHOSPHERE
EARTH SURFACE
RT CRATONS
CRUSTAL FRACTURES
EQUATORIAL REGIONS
GEODETIC ACCURACY
MARSHLANDS
OCEAN SURFACE
PLANETARY SURFACES
STRUCTURAL PROPERTIES (GEOLOGY)
∞ SURFACES
TERRADYNAMICS
TOPOGRAPHY

EARTH TERMINAL MEASUREMENT SYSTEM

- RT COMMUNICATION SATELLITES
- ELECTROMAGNETIC MEASUREMENT
- ELECTRONIC EQUIPMENT TESTS
- GROUND SUPPORT EQUIPMENT
- ∞ MEASUREMENT
- RADIO RELAY SYSTEMS
- ∞ SYSTEMS
- ∞ TEST EQUIPMENT

EARTH TERMINALS

- GS STATIONS
- GROUND STATIONS
- EARTH TERMINALS**
- RT CARRIER TO NOISE RATIOS
- COMMUNICATION EQUIPMENT
- RADIO RELAY SYSTEMS
- SATELLITE TRANSMISSION
- SPACECRAFT COMMUNICATION
- TELEVISION SYSTEMS

EARTH TIDES

- GS TIDES
- EARTH TIDES**
- RT ATMOSPHERIC TIDES
- LUNAR TIDES

EARTH VIEWING APPLICATIONS LABORATORY

- UF EVAL
- GS LABORATORIES
- SPACE LABORATORIES
- EARTH VIEWING APPLICATIONS**
- LABORATORY**
- PAYLOADS
- EARTH VIEWING APPLICATIONS**
- LABORATORY**
- RT SAIL PROJECT
- SPACE SHUTTLES

EARTH-MARS TRAJECTORIES

- GS TRAJECTORIES
- SPACECRAFT TRAJECTORIES
- INTERPLANETARY TRAJECTORIES
- EARTH-MARS TRAJECTORIES**
- RT ELLIPTICAL ORBITS
- ORBITAL MECHANICS
- TRANSFER ORBITS

EARTH-MERCURY TRAJECTORIES

- GS TRAJECTORIES
- SPACECRAFT TRAJECTORIES
- INTERPLANETARY TRAJECTORIES
- EARTH-MERCURY TRAJECTORIES**
- RT ELLIPTICAL ORBITS
- ORBITAL MECHANICS
- TRANSFER ORBITS

EARTH-MOON SYSTEM

- RT CHARON
- GRAVITATIONAL FIELDS
- GRAVITATIONAL WAVES
- LUNAR RETROREFLECTORS
- MOON
- NATURAL SATELLITES
- ORBITAL MECHANICS
- SOLAR SYSTEM
- ∞ SYSTEMS
- TWO BODY PROBLEM

EARTH-MOON TRAJECTORIES

- GS TRAJECTORIES
- SPACECRAFT TRAJECTORIES
- LUNAR TRAJECTORIES
- EARTH-MOON TRAJECTORIES**
- RT APOLLO 5 FLIGHT
- APOLLO 6 FLIGHT
- APOLLO 7 FLIGHT
- APOLLO 8 FLIGHT
- APOLLO 9 FLIGHT
- APOLLO 10 FLIGHT
- APOLLO 11 FLIGHT
- APOLLO 12 FLIGHT
- APOLLO 13 FLIGHT
- APOLLO 14 FLIGHT
- APOLLO 15 FLIGHT
- APOLLO 16 FLIGHT
- APOLLO 17 FLIGHT
- CIRCUMLUNAR TRAJECTORIES
- CISLUNAR SPACE
- INTERPLANETARY TRAJECTORIES
- LUNAR FLIGHT
- LUNAR ORBITS
- MOON-EARTH TRAJECTORIES
- PARKING ORBITS
- RENDEZVOUS TRAJECTORIES

EARTH-MOON TRAJECTORIES-(CONT)

- ROUND TRIP TRAJECTORIES
- TRANSFER ORBITS

EARTH-VENUS TRAJECTORIES

- GS TRAJECTORIES
- SPACECRAFT TRAJECTORIES
- EARTH-VENUS TRAJECTORIES**
- RT ∞ ASTRONAUTICS
- FLIGHT OPTIMIZATION
- INTERPLANETARY FLIGHT
- INTERPLANETARY TRAJECTORIES
- ∞ MISSIONS
- ORBITS
- SPACE MISSIONS
- SPACE NAVIGATION
- SPACECRAFT REENTRY
- TRANSFER ORBITS

EARTHNET

- RT EARTH OBSERVATIONS (FROM SPACE)
- EARTH RESOURCES
- ESA SATELLITES
- EUROPEAN SPACE PROGRAMS
- LANDSAT SATELLITES
- REMOTE SENSORS
- SYNTHETIC APERTURE RADAR

EARTHQUAKE DAMAGE

- GS DAMAGE
- EARTHQUAKE DAMAGE**
- RT EARTH CRUST
- EARTH MOVEMENTS
- GEOLOGICAL FAULTS
- MICROSEISMS
- SEISMIC ENERGY
- SEISMIC WAVES
- SEISMOLOGY
- SHOCK WAVES
- TSUNAMI WAVES

EARTHQUAKE RESISTANCE

- GS MECHANICAL PROPERTIES
- EARTHQUAKE RESISTANCE**
- RT CRUSTAL FRACTURES
- EARTHQUAKES
- FRACTURE STRENGTH
- IMPACT STRENGTH
- LANDFORMS
- ∞ RESISTANCE
- SEISMIC WAVES
- SHOCK RESISTANCE
- SHOCK WAVES
- TREMORS

EARTHQUAKE RESISTANT STRUCTURES

- RT CONCRETE STRUCTURES
- ELASTIC BENDING
- ∞ ELASTIC SYSTEMS
- SEISMIC WAVES
- SHOCK WAVES
- STRUCTURAL VIBRATION
- ∞ STRUCTURES

EARTHQUAKES

- GS EARTH MOVEMENTS
- EARTHQUAKES**
- RT CRUSTAL FRACTURES
- EARTHQUAKE RESISTANCE
- GEOLOGICAL FAULTS
- LARGE APERTURE SEISMIC ARRAY
- MICROSEISMS
- PLANETARY QUAKES
- PLATES (TECTONICS)
- ROUSE BELTS
- SAN ANDREAS FAULT
- SAN ANDREAS FAULT EXPERIMENT
- SEISMIC WAVES
- SEISMOLOGY
- SHOCK WAVES
- SUBDUCTION (GEOLOGY)
- TREMORS
- TSUNAMI WAVES

EASEP

- UF EARLY APOLLO SURFACE EXPERIMENTS
- PACKAGE
- GS PACKAGES
- INSTRUMENT PACKAGES
- EASEP**
- RT ∞ INSTRUMENTS
- LUNAR EXPLORATION
- PAYLOADS
- ∞ SURFACES

EAST GERMANY

- UF GERMAN DEMOCRATIC REPUBLIC
- PEOPLES DEMOCRATIC REPUBLIC OF
- GERMANY
- GS NATIONS
- EAST GERMANY**
- RT CENTRAL EUROPE
- EUROPE
- ∞ GERMANY
- WEST GERMANY

EASTERN HEMISPHERE

- RT EARTH (PLANET)
- GEOGRAPHY
- ∞ HEMISPHERES
- WESTERN HEMISPHERE

EATING

- GS INGESTION (BIOLOGY)
- EATING**
- RT DIGESTING
- ∞ FOOD
- MASTICATION
- SPACE FLIGHT FEEDING
- SWALLOWING
- SYNTHETIC FOOD

EBERT SPECTROMETERS

- GS MEASURING INSTRUMENTS
- OPTICAL MEASURING INSTRUMENTS
- EBERT SPECTROMETERS**
- RADIATION MEASURING INSTRUMENTS
- EBERT SPECTROMETERS**
- SPECTROMETERS
- EBERT SPECTROMETERS**
- OPTICAL EQUIPMENT
- OPTICAL MEASURING INSTRUMENTS
- EBERT SPECTROMETERS**
- RT EARTH ALBEDO
- FILTER WHEEL INFRARED
- SPECTROMETERS
- INFRARED SPECTROMETERS
- ULTRAVIOLET SPECTROMETERS

EBF

- USE EXTERNALLY BLOWN FLAPS

EBR-1 REACTOR

- USE EXPERIMENTAL BREEDER REACTOR 1

EBR-2 REACTOR

- USE EXPERIMENTAL BREEDER REACTOR 2

EBULLITION

- USE BOILING

EBWR (REACTOR)

- USE EXPERIMENTAL BOILING WATER
- REACTORS

EC-121 AIRCRAFT

- UF R7V AIRCRAFT
- WARNING STAR AIRCRAFT
- GS LOCKHEED AIRCRAFT
- EC-121 AIRCRAFT**
- MONOPLANES
- EC-121 AIRCRAFT**
- TRANSPORT AIRCRAFT
- EC-121 AIRCRAFT**
- RT ∞ AIRCRAFT
- C-121 AIRCRAFT

ECCENTRIC GEOPHYSICAL OBSERVATORY

- USE EGO

ECCENTRIC ORBIT GEOPHYSICAL OBSERVATORY

- USE EGO

ECCENTRIC ORBITS

- GS ORBITS
- ECCENTRIC ORBITS**
- RT CIRCULAR ORBITS
- ELLIPTICAL ORBITS
- EXOSAT SATELLITE
- LISSAJOUS FIGURES

ECCENTRICITY

- RT ABNORMALITIES
- ASYMMETRY
- BALANCING
- CONCENTRICITY
- DEVIATION
- ELLIPTICITY
- ELONGATION

ECCENTRICS

ECCENTRICITY-(CONT)

SKEWNESS
SYMMETRY
VARIABILITY
VARIATIONS

ECCENTRICS

UF CRANKS
RT CAMS
LINKAGES

ECHELETTE GRATINGS

GS GRATINGS (SPECTRA)
ECHELETTE GRATINGS
RT DIFFRACTION
REFLECTION

ECHELON FAULTS

USE GEOLOGICAL FAULTS

ECHO PROJECT

GS PROGRAMS
NASA PROGRAMS
ECHO PROJECT
NASA SPACE PROGRAMS
ECHO PROJECT
PROJECTS
ECHO PROJECT
RT COMMUNICATION SATELLITES
PASSIVE SATELLITES

ECHO SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
UNMANNED SPACECRAFT
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES

ECHO SOUNDING

GS SOUNDING
ECHO SOUNDING
RT DEEP SCATTERING LAYERS
DEPTH MEASUREMENT
ECHOES
NAVIGATION AIDS
SONAR
SOUND LOCALIZATION
SOUND RANGING
UNDERWATER ACOUSTICS

ECHO SUPPRESSORS

GS CIRCUITS
ECHO SUPPRESSORS
SUPPRESSORS
ECHO SUPPRESSORS
RT NOISE REDUCTION
PULSE RADAR
RADIOTELEPHONES
SONAR
SWITCHES
TELEPHONY
VOICE COMMUNICATION

ECHO 1 CARRIER ROCKET

USE THOR DELTA LAUNCH VEHICLE

ECHO 1 SATELLITE

UF A-11 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 1 SATELLITE
UNMANNED SPACECRAFT
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 1 SATELLITE
RT THOR DELTA LAUNCH VEHICLE

ECHO 2 SATELLITE

UF A-12 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 2 SATELLITE

ECHO 2 SATELLITE-(CONT)

UNMANNED SPACECRAFT
PASSIVE SATELLITES
ECHO SATELLITES
ECHO 2 SATELLITE

ECHOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
PHONOCARDIOGRAPHY
ECHOCARDIOGRAPHY
RT CARDIAC VENTRICLES
HEART DISEASES
HEART FUNCTION

ECHOENCEPHALOGRAPHY

GS BIOENGINEERING
BIOMETRICS
ECHOENCEPHALOGRAPHY
RT BIOINSTRUMENTATION
BRAIN
ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS
MEDICAL EQUIPMENT

ECHOES

GS ECHOES
ANGELS
AURORAL ECHOES
LUNAR ECHOES
LUNAR RADAR ECHOES
RADAR ECHOES
CLUTTER
LUNAR RADAR ECHOES
SOLAR RADAR ECHOES
VENUS RADAR ECHOES
RADIO ECHOES
SIGNAL REFLECTION
RT ACOUSTICS
CEPSTRAL ANALYSIS
ECHO SOUNDING
GROUND EFFECT (COMMUNICATIONS)
NOISE (SOUND)
REVERBERATION

ECLIPSE PROJECT

GS PROGRAMS
PROJECTS
ECLIPSE PROJECT

ECLIPSES

GS ECLIPSES
LUNAR ECLIPSES
SOLAR ECLIPSES
RT ECLIPSING BINARY STARS
LUNAR SHADOW
OCULTATION
PENUMBRAS
UMBRAS

ECLIPSING BINARY STARS

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
ECLIPSING BINARY STARS
RT ACCRETION DISKS
CATAclysmic VARIABLES
ECLIPSES
STELLAR OCULTATION
SYMBIOTIC STARS
VARIABLE STARS
X RAY BINARIES

ECLIPTIC

RT PLANETS
SOLAR ORBITS
ZODIAC

ECLOGITE

GS ROCKS
IGNEOUS ROCKS
ECLOGITE
RT GARNETS
PYROXENES
SOILS

ECOLOGICAL SYSTEMS

USE ECOLOGY

ECOLOGY

UF ECOLOGICAL SYSTEMS

NASA THESAURUS (VOLUME 1)

ECOLOGY-(CONT)

GS ECOLOGY
RT COASTAL ECOLOGY
ARIZONA REGIONAL ECOLOGICAL TEST SITE
BIOCHEMICAL OXYGEN DEMAND
BIOLOGY
BIOMETEOROLOGY
CARBON CYCLE
CENTRAL ATLANTIC REGIONAL ECOL TEST SITE
CLOSED ECOLOGICAL SYSTEMS
COASTAL PLAINS
ECOSYSTEMS
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENTS
HABITABILITY
HABITATS
PHENOLOGY
PREDATORS
SYMBIOSIS
VEGETATION GROWTH

ECONOMETRICS

RT APPLICATIONS OF MATHEMATICS
ECONOMICS
GROSS NATIONAL PRODUCT
STATISTICAL CORRELATION

ECONOMIC ANALYSIS

RT ALLOCATIONS
COMPARISON
COST ANALYSIS
COST ESTIMATES
COSTS
ECONOMY
EFFICIENCY
MANAGEMENT
OPERATING COSTS
VALUE ENGINEERING

ECONOMIC DEVELOPMENT

RT COMMERCE
DEVELOPING NATIONS
ECONOMY
GEOGRAPHY
INDUSTRIES
LAND USE
MANUFACTURING
RESOURCES
SPACE INDUSTRIALIZATION
URBAN DEVELOPMENT

ECONOMIC FACTORS

RT ALLOCATIONS
BUDGETING
COMMERCIAL ENERGY
COSTS
DEVELOPING NATIONS
DOMESTIC ENERGY
ECONOMY
EFFICIENCY
ENERGY POLICY
FEASIBILITY ANALYSIS
INDUSTRIAL ENERGY
MANAGEMENT
RESERVES
RESOURCES
TRANSPORTATION ENERGY

ECONOMIC IMPACT

GS IMPACT
RT ECONOMIC IMPACT
COSTS
ENVIRONMENTS
INDUSTRIES
INVESTMENTS
RESOURCES

ECONOMICS

GS ECONOMICS
DEMAND (ECONOMICS)
RT COSTS
ECONOMETRICS
EVALUATION
FIDUCIARIES
FOREIGN TRADE
INCOME
INTERNATIONAL TRADE
INVESTMENTS
PREJUDICES
PROGRESS
RECESSION
RESOURCES

ECONOMICS-(CONT)

STATISTICAL ANALYSIS

ECONOMY

RT COST ESTIMATES
 DECISION MAKING
 ECONOMIC ANALYSIS
 ECONOMIC DEVELOPMENT
 ECONOMIC FACTORS
 FINANCIAL MANAGEMENT
 LOW COST
 MANAGEMENT PLANNING
 RECYCLING

ECOSYSTEMS

RT CLOSED ECOLOGICAL SYSTEMS
 ECOLOGY
 ENDANGERED SPECIES
 FOOD CHAIN
 PREDATORS
 ∞ SYSTEMS

ECS

USE EUROPEAN COMMUNICATIONS
 SATELLITE

ECUADOR

GS NATIONS
ECUADOR
 RT SOUTH AMERICA

EDDIES

USE VORTICES

EDDINGTON APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
EDDINGTON APPROXIMATION

EDDY CURRENTS

SN (LIMITED TO ELECTRIC CURRENTS)
 GS ELECTRIC CURRENT
EDDY CURRENTS
 RT BRAKING
 ELECTRIC CONDUCTORS
 ELECTRICAL PROPERTIES
 HYSTERESIS
 LOSSES
 MAGNETIC PROPERTIES
 ∞ PHYSICAL PROPERTIES
 PLASMA CURRENTS
 VORTICITY TRANSPORT HYPOTHESIS

EDDY DIFFUSION

USE TURBULENT DIFFUSION

EDDY VISCOSITY

GS TRANSPORT PROPERTIES
 VISCOSITY
EDDY VISCOSITY
 RT FLOW CHARACTERISTICS
 FLOW RESISTANCE
 INTERNAL FRICTION
 TURBULENT FLOW
 VISCOUS DRAG
 VISCOUS FLOW

EDEMA

GS DISEASES
EDEMA
 RT BODY FLUIDS
 DIURESIS
 WATER BALANCE

EDGE DISLOCATIONS

UF SLIP BANDS
 GS DEFECTS
 CRYSTAL DEFECTS
 CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
 DISLOCATIONS (MATERIALS)
 CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
 RT ∞ BANDS
 SCREW DISLOCATIONS

EDGE LOADING

GS LOADS (FORCES)
EDGE LOADING
 RT AERODYNAMIC LOADS
 COMPRESSION LOADS
 DYNAMIC LOADS
 STATIC LOADS

EDGE LOADING-(CONT)

WING LOADING

EDGES

GS **EDGES**
 BLUNT LEADING EDGES
 LEADING EDGES
 SHARP LEADING EDGES
 TRAILING EDGES
 BLUNT TRAILING EDGES
 RT MARGINS
 RIMS
 SCALLOPING
 SIDES
 TIPS

EDITING

RT DATA PROCESSING
 DATA REDUCTION
 EDITING ROUTINES (COMPUTERS)
 FORMAT
 TECHNICAL WRITING

EDITING ROUTINES (COMPUTERS)

GS COMPUTER PROGRAMS
EDITING ROUTINES (COMPUTERS)
 RT COMPUTER SYSTEMS PROGRAMS
 DATA PROCESSING
 EDITING

EDTA

USE ETHYLENEDIAMINETETRAACETIC ACIDS

EDUCATION

UF INSTRUCTIONS
 TEACHING
 TRAINING
 GS **EDUCATION**
 ASTRONAUT TRAINING
 EJECTION TRAINING
 FLIGHT TRAINING
 SPACE FLIGHT TRAINING
 GUNNERY TRAINING
 MAINTENANCE TRAINING
 PILOT TRAINING
 RT BEHAVIOR
 COMMUNICATING
 CREATIVITY
 EXPERIENCE
 HUMAN FACTORS ENGINEERING
 INSTRUCTORS
 KNOWLEDGE
 LEARNING
 LEARNING THEORY
 LECTURES
 MEMORY
 ∞ ORIENTATION
 PSYCHOMETRICS
 QUALIFICATIONS
 RETRAINING
 SAFETY MANAGEMENT
 SCHOOLS
 STUDENTS
 ∞ TESTS
 TEXTBOOKS
 TRAINING ANALYSIS
 TRAINING DEVICES
 TRANSFER OF TRAINING
 UNIVERSITIES

EDUCATIONAL TELEVISION

GS TELECOMMUNICATION
EDUCATIONAL TELEVISION
 TELEVISION SYSTEMS
EDUCATIONAL TELEVISION
 RT CLOSED CIRCUIT TELEVISION
 COLOR TELEVISION
 COMMUNICATION EQUIPMENT
 LEARNING
 STEREOTELEVISION
 TRAINING DEVICES

EEG (ELECTROENCEPHALOGRAMS)

USE ELECTROENCEPHALOGRAPHY

EFFECTIVE PERCEIVED NOISE LEVELS

UF EPNL
 GS LEVEL (QUANTITY)
EFFECTIVE PERCEIVED NOISE LEVELS
 RT ACOUSTIC MEASUREMENT
 ACOUSTICS
 LOUDNESS
 ∞ NOISE
 NOISE (SOUND)
 NOISE INTENSITY

EFFECTIVE PERCEIVED NOISE LEVELS-(CONT)NOISE REDUCTION
SOUND INTENSITY**EFFECTIVENESS**

GS **EFFECTIVENESS**
 COST EFFECTIVENESS
 SYSTEM EFFECTIVENESS
 RT EFFICIENCY

EFFECTORS

USE CONTROL EQUIPMENT

∞ EFFECTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

UF AFFECTS
 RT ATMOSPHERIC EFFECTS
 AUGER EFFECT
 BARKHAUSEN EFFECT
 BAUSCHINGER EFFECT
 BIOLOGICAL EFFECTS
 BRILLOUIN EFFECT
 BROWN WAVE EFFECT
 CAPTURE EFFECT
 CAUSES
 CERENKOV RADIATION
 CHEMICAL EFFECTS
 COANDA EFFECT
 COMPRESSIBILITY EFFECTS
 COMPTON EFFECT
 CORIOLIS EFFECT
 DIFFUSION
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 ELECTRO-OPTICAL EFFECT
 ENVIRONMENT EFFECTS
 ETTINGSHAUSEN EFFECT
 FARADAY EFFECT
 FIELD EFFECT TRANSISTORS
 FIZEAU EFFECT
 FORBUSH DECREASES
 GALVANOMAGNETIC EFFECTS
 GRAVITATIONAL EFFECTS
 GREEN WAVE EFFECT
 GREENHOUSE EFFECT
 GROUND EFFECT (AERODYNAMICS)
 GROUND EFFECT (COMMUNICATIONS)
 GROUND EFFECT MACHINES
 GUNN EFFECT
 HALL EFFECT
 HYDRODYNAMIC RAM EFFECT
 ISOTOPE EFFECT
 JAHN-TELLER EFFECT
 JET BLAST EFFECTS
 JOULE-THOMSON EFFECT
 ∞ KERR EFFECTS
 KERR ELECTROOPTICAL EFFECT
 KERR MAGNETOOPTICAL EFFECT
 KIRKENDALL EFFECT
 KONDO EFFECT
 LONG TERM EFFECTS
 LUNAR EFFECTS
 LUNAR GRAVITATIONAL EFFECTS
 LUXEMBOURG EFFECT
 MAGNETIC EFFECTS
 MAGNUS EFFECT
 MOIRE EFFECTS
 MOSSBAUER EFFECT
 NERNST-ETTINGSHAUSEN EFFECT
 NONOHMIC EFFECT
 NUCLEAR EXPLOSION EFFECT
 OVERHAUSER EFFECT
 PATHOLOGICAL EFFECTS
 Peltier Effects
 PENNING EFFECT
 PHOTOELECTRIC EFFECT
 PHOTOELECTROMAGNETIC EFFECTS
 PHOTOMAGNETIC EFFECTS
 PHOTOMECHANICAL EFFECT
 PHOTOVOLTAIC EFFECT
 PHYSIOLOGICAL EFFECTS
 PINCH EFFECT
 POGO EFFECTS
 POYNTING-ROBERTSON EFFECT
 PRESSURE EFFECTS
 PROXIMITY EFFECT (ELECTRICITY)
 PSYCHOLOGICAL EFFECTS
 RADIATION EFFECTS
 RAMSAUER EFFECT
 REENTRY EFFECTS
 RELATIVISTIC EFFECTS
 SCALE EFFECT
 SCHACH EFFECT

EFFERENT NERVOUS SYSTEMS

EFFECTS-(CONT)

SCREEN EFFECT
SEEBECK EFFECT
SOLAR ACTIVITY EFFECTS
STARK EFFECT
STERILIZATION EFFECTS
SUHL EFFECT
SURFACE EFFECT SHIPS
SURFACE ROUGHNESS EFFECTS
SWEEP EFFECT
TEMPERATURE EFFECTS
THERMOMAGNETIC EFFECTS
TURBULENCE EFFECTS
UMKEHR EFFECT
VACUUM EFFECTS
VIBRATION EFFECTS
VIEW EFFECTS
VOIGT EFFECT
WIND EFFECTS
ZEEMAN EFFECT
ZENER EFFECT

EFFERENT NERVOUS SYSTEMS

UF MOTOR SYSTEMS (BIOLOGY)
GS NERVOUS SYSTEM
EFFERENT NERVOUS SYSTEMS
RT SENSORIMOTOR PERFORMANCE
∞ SYSTEMS

EFFERVESCENCE

RT BOILING
BUBBLES
SURFACE PROPERTIES

EFFICIENCY

GS EFFICIENCY
CHARGE EFFICIENCY
COMBUSTION EFFICIENCY
COMPRESSOR EFFICIENCY
ENERGY CONVERSION EFFICIENCY
NOZZLE EFFICIENCY
POWER EFFICIENCY
PROPULSIVE EFFICIENCY
PROPELLER EFFICIENCY
THERMODYNAMIC EFFICIENCY
TRANSMISSION EFFICIENCY
RT AIRCRAFT PRODUCTION COSTS
COMFORT
COMMONALITY
COMPRESSION RATIO
COMPUTER SYSTEMS PERFORMANCE
COST INCENTIVES
COST REDUCTION
COSTS
ECONOMIC ANALYSIS
ECONOMIC FACTORS
EFFECTIVENESS
FEASIBILITY
FIGURE OF MERIT
HUMAN FACTORS ENGINEERING
INCENTIVE TECHNIQUES
INDEXES (RATIOS)
OPTIMIZATION
∞ PERFORMANCE
PRODUCTIVITY
RATIOS
UTILIZATION

EFFLUENTS

RT AIR POLLUTION
CONTAMINANTS
∞ DISCHARGE
ENVIRONMENT PROTECTION
EXHAUST GASES
FILTRATION
LIQUID WASTES
REACTION PRODUCTS
SETTLING
SEWAGE
SEWERS
WASTE DISPOSAL
WASTES

EFFLUX

RT EMISSION
OUTPUT

EFFORT

RT ABILITIES
CONSISTENCY
FATIGUE (BIOLOGY)
∞ PERFORMANCE
PHYSICAL WORK

EFFUSIVES

GS EFFUSIVES
LAVA
RT CONES (VOLCANOES)
IGNEOUS ROCKS
MARS VOLCANOES
ROCKS
VOLCANOES
VOLCANOLOGY

EGCR (REACTOR)

USE EXPERIMENTAL GAS COOLED
REACTORS

EGGS

RT EMBRYOS
FETUSES
∞ FOOD
OVARIES

EGO

UF ECCENTRIC GEOPHYSICAL
OBSERVATORY
ECCENTRIC ORBIT GEOPHYSICAL
OBSERVATORY
EGO
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO
EGO
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO
EGO
RT AGENA B ROCKET VEHICLE
ATLAS LAUNCH VEHICLES
POGO

EGRESS

RT AIR LOCKS
DOORS
HATCHES
INGRESS (SPACECRAFT PASSAGEWAY)
OPENINGS
OUTLETS

EGYPT

GS NATIONS
EGYPT
RT AFRICA

EIGENFUNCTIONS

USE EIGENVECTORS

EIGENSTATES

USE EIGENVECTORS

EIGENVALUES

UF CHARACTERISTIC EQUATIONS
CHARACTERISTIC FUNCTIONS
GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
EIGENVALUES
RT EIGENVECTORS
HILL DETERMINANT
JACOBI MATRIX METHOD
JORDAN FORM
POLYNOMIALS
ROOTS OF EQUATIONS

EIGENVECTORS

UF CHARACTERISTIC EQUATIONS
CHARACTERISTIC FUNCTIONS
EIGENFUNCTIONS
EIGENSTATES
GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
EIGENVECTORS
VECTORS (MATHEMATICS)
EIGENVECTORS
RT EIGENVALUES
JACOBI MATRIX METHOD
MATHIEU FUNCTION
POLYNOMIALS

EIKONAL EQUATION

GS WAVE EQUATIONS
EIKONAL EQUATION
RT ∞ EQUATIONS
POMERANCHUK THEOREM
REFRACTED WAVES

NASA THESAURUS (VOLUME 1)

EIKONAL EQUATION-(CONT)

WAVE FRONTS
∞ WAVES

EINSTEIN EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
EINSTEIN EQUATIONS
RT BROWNIAN MOVEMENTS
∞ EQUATIONS
EQUATIONS OF MOTION
KINETIC EQUATIONS
PROBABILITY THEORY
UNIFIED FIELD THEORY

EINSTEIN OBSERVATORY

USE HEAO 2

EINSTEINIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
EINSTEINIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
EINSTEINIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
EINSTEINIUM
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
EINSTEINIUM

EISCAT RADAR SYSTEM (EUROPE)

UF EUROPEAN INCOHERENT SCATTER
RADAR
GS RADAR
INCOHERENT SCATTER RADAR
EISCAT RADAR SYSTEM (EUROPE)
RT INCOHERENT SCATTERING
INTERNATIONAL COOPERATION
IONOSPHERIC PROPAGATION
RADAR SCATTERING
RADAR TRANSMISSION
∞ SYSTEMS
ULTRAHIGH FREQUENCIES

EJECTA

RT CRATERING
CRATERS
DEBRIS
EJECTION
FRAGMENTS
IMPACT DAMAGE
MARS CRATERS
METEORITE CRATERS
METEORITIC DAMAGE
PROJECTILE CRATERING
WOLF-RAYET STARS

EJECTION

GS EJECTION
STELLAR MASS EJECTION
RT BAILOUT
∞ DISCHARGE
DISCONNECT DEVICES
DISPOSAL
DUMPING
EJECTA
EJECTORS
EMISSION
EMPTYING
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)
EXHAUSTING
EXPULSION
EXPULSION BLADDERS
FLUSHING
JETTISON SYSTEMS
JETTISONING
MATERIALS HANDLING
PARACHUTE DESCENT
RELEASING
REMOVAL
SHEDDING
THROWING
UNLOADING

EJECTION INJURIES

GS INJURIES

EJECTION INJURIES-(CONT)**EJECTION INJURIES**RT BAILOUT
PILOT TRAINING**EJECTION SEATS**GS SAFETY DEVICES
EJECTION SEATS
FLYING EJECTION SEATS
SEATS
EJECTION SEATS
FLYING EJECTION SEATS
RT ABORT APPARATUS
AIRCRAFT SAFETY
BAILOUT
COCKPITS
EJECTORS
ESCAPE CAPSULES
ESCAPE SYSTEMS
JETTISON SYSTEMS
∞ PROPELLANT ACTUATED DEVICES**EJECTION TRAINING**GS EDUCATION
EJECTION TRAINING
RT ASTRONAUT TRAINING
BAILOUT
ESCAPE (ABANDONMENT)
FLIGHT TRAINING
PARACHUTE DESCENT
PILOT TRAINING**EJECTORS**RT DISPENSERS
EJECTION
EJECTION SEATS
EXHAUST DIFFUSERS
EXHAUST NOZZLES
EXHAUST SYSTEMS
FLYING EJECTION SEATS
INJECTORS
JET ENGINES
JET PUMPS
MATERIALS HANDLING
PUMPS
ROCKET ENGINES
SPRAYERS
VACUUM PUMPS**EKMAN LAYER**RT ATMOSPHERIC BOUNDARY LAYER
BOUNDARY LAYER TRANSITION
∞ LAYERS
POROUS BOUNDARY LAYER CONTROL
TURBULENT BOUNDARY LAYER**EL NINO**GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
EL NINO
RT AIR WATER INTERACTIONS
OCEAN TEMPERATURE
PACIFIC OCEAN
PERIODIC VARIATIONS
TROPICAL METEOROLOGY**EL SALVADOR**GS NATIONS
EL SALVADOR
RT CENTRAL AMERICA**ELASTIC ANISOTROPY**GS ANISOTROPY
PLASTIC ANISOTROPY
ELASTIC ANISOTROPY**ELASTIC BARS**GS BARS
ELASTIC BARS**ELASTIC BENDING**GS BENDING
ELASTIC BENDING
DEFORMATION
ELASTIC DEFORMATION
ELASTIC BENDING
RT EARTHQUAKE RESISTANT STRUCTURES**ELASTIC BODIES**RT ∞ BODIES
∞ ELASTIC SYSTEMS
ELASTODYNAMICS**ELASTIC BODIES-(CONT)****ELASTOSTATICS****ELASTIC BUCKLING**GS BUCKLING
ELASTIC BUCKLING
DEFORMATION
ELASTIC DEFORMATION
ELASTIC BUCKLING
RT FAILURE MODES**ELASTIC COLLISIONS**

USE ELASTIC SCATTERING

ELASTIC CONSTANTS

USE ELASTIC PROPERTIES

ELASTIC CYLINDERSRT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS**ELASTIC DAMPING**GS DAMPING
ELASTIC DAMPING
VISCOELASTIC DAMPING
ELASTODYNAMICS
ELASTIC DAMPING
RT RESONANCE TESTING
VIBRATION DAMPING
VISCOUS DAMPING**ELASTIC DEFORMATION**GS DEFORMATION
ELASTIC DEFORMATION
ELASTIC BENDING
ELASTIC BUCKLING
RT AXIAL STRAIN
BENDING
BORDONI PEAKS
DEFLECTION
ELASTODYNAMICS
ELASTOSTATICS
FLEXIBLE SPACECRAFT
PLANE STRAIN
PLASTIC DEFORMATION
PRESTRESSING
STRESS-STRAIN RELATIONSHIPS
STRETCHING
STRUCTURAL STRAIN
TENSILE DEFORMATION**ELASTIC MEDIA**GS MEDIA
ELASTIC MEDIA
RT ELASTODYNAMICS
ELASTOSTATICS**ELASTIC MODULUS**

USE MODULUS OF ELASTICITY

ELASTIC PLATESGS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ELASTIC PLATES**ELASTIC PROPERTIES**UF ELASTIC CONSTANTS
ELASTICITY
GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
AEROELASTICITY
AEROTHERMOELASTICITY
ANELASTICITY
ELASTOPLASTICITY
HYDROELASTICITY
HYPOELASTICITY
MAGNETOSTRICTION
MODULUS OF ELASTICITY
DYNAMIC MODULUS OF ELASTICITY
PHOTOELASTICITY
PHOTOVISCOELASTICITY
PROPORTIONAL LIMIT
THERMOELASTICITY
AEROTHERMOELASTICITY
VISCOELASTICITY
PHOTOVISCOELASTICITY
THERMOVISCOELASTICITY
RT AIRY FUNCTION
BIHARMONIC EQUATIONS
COMPRESSIVE STRENGTH
ELASTODYNAMICS
ELASTOMETERS
ELASTOSTATICS**ELASTIC PROPERTIES-(CONT)**FLEXIBILITY
HOOKES LAW
HYBRID STRUCTURES
INFLUENCE COEFFICIENT
MECHANICAL PROPERTIES
MICROSONICS
MICROYIELD STRENGTH
∞ PHYSICAL PROPERTIES
PIEZOELECTRICITY
PLASTIC PROPERTIES
POISSON RATIO
PROPELLANT PROPERTIES
RESILIENCE
SOFTNESS
STRESS TENSORS
TENSILE PROPERTIES
TENSILE STRENGTH
YIELD STRENGTH**ELASTIC SCATTERING**UF ELASTIC COLLISIONS
GS SCATTERING
ELASTIC SCATTERING
RT ATOMIC COLLISIONS
∞ COHERENCE
COHERENT SCATTERING
ELECTRON SCATTERING
GLAUBER THEORY
INELASTIC SCATTERING
NUCLEAR SCATTERING
PHOTON-ELECTRON INTERACTION
POMERANCHUK THEOREM**ELASTIC SHEETS**RT GIRDER WEBS
∞ SHEETS
WEBS (SHEETS)
WEBS (SUPPORTS)**ELASTIC SHELLS**GS SHELLS (STRUCTURAL FORMS)
ELASTIC SHELLS
RT ANISOTROPIC SHELLS**ELASTIC STABILITY**

USE DAMPING

ELASTIC STRENGTH

USE PROPORTIONAL LIMIT

∞ **ELASTIC SYSTEMS**SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT EARTHQUAKE RESISTANT STRUCTURES
ELASTIC BODIES
∞ SYSTEMS**ELASTIC WAVES**UF EXPANSION WAVES
LOADING WAVES
PRESSURE WAVES
RAREFACTION WAVES
GS **ELASTIC WAVES**
CAPILLARY WAVES
GRAVITY WAVES
BAROCLINIC WAVES
RIPPLES
COHERENT ACOUSTIC RADIATION
COMPRESSION WAVES
DILATATIONAL WAVES
IONIC WAVES
MAGNETOELASTIC WAVES
MAGNETOACOUSTIC WAVES
MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES
ELECTROSTATIC WAVES
P WAVES
PHONONS
PHONON BEAMS
POLARIZED ELASTIC WAVES
S WAVES
SEISMIC WAVES
LOVE WAVES
MICROSEISMS
RAYLEIGH WAVES
SHOCK WAVES
DETONATION WAVES
MACH CONES
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES
RIEMANN WAVES
SONIC BOOMS
SOUND WAVES

ELASTICITY

ELASTIC WAVES-(CONT)

ELECTROACOUSTIC WAVES
ION ACOUSTIC WAVES
LAMB WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
AIRCRAFT NOISE
JET AIRCRAFT NOISE
SONIC BOOMS
ENGINE NOISE
ROCKET ENGINE NOISE
THERMAL NOISE
STRESS WAVES
TOLLMEIN-SCHLICHTING WAVES
ULTRASONIC RADIATION
UNLOADING WAVES
RT ACOUSTIC PROPAGATION
ACOUSTIC SIMULATION
ACOUSTICS
AEOLIAN TONES
BACKGROUND NOISE
BACKWARD WAVES
CNOIDAL WAVES
COHERENT RADIATION
COMBUSTION VIBRATION
CONTINUOUS RADIATION
CYLINDRICAL WAVES
DIFFUSION WAVES
DOPPLER EFFECT
ELASTODYNAMICS
ELASTOHYDRODYNAMICS
LAME WAVE EQUATIONS
LONGITUDINAL WAVES
MAGNETOHYDRODYNAMIC STABILITY
PLANE WAVES
POLARIZED RADIATION
PRESSURE
PULSED RADIATION
∞ RADIATION
RADIATION DISTRIBUTION
RADIATION PRESSURE
RAREFACTION
REFLECTED WAVES
REFRACTED WAVES
SINE WAVES
SOLITARY WAVES
SOUND TRANSMISSION
SPHERICAL WAVES
STRESS PROPAGATION
SURFACE WAVES
TRANSVERSE WAVES
TRAVELING WAVES
TROPOSPHERIC WAVES
UNDERWATER ACOUSTICS
VIBRATION
WAVE DISPERSION
∞ WAVES

ELASTICITY

USE ELASTIC PROPERTIES

ELASTICIZERS

USE PLASTICIZERS

ELASTIN

GS PROTEINS
ELASTIN
RT ALBUMINS

ELASTODYNAMICS

GS ELASTODYNAMICS
ELASTIC DAMPING
ELASTOHYDRODYNAMICS
RT ∞ DYNAMICS
ELASTIC BODIES
ELASTIC DEFORMATION
ELASTIC MEDIA
ELASTIC PROPERTIES
ELASTIC WAVES
ELASTOSTATICS

ELASTOHYDRODYNAMICS

GS ELASTODYNAMICS
ELASTOHYDRODYNAMICS
FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
HYDROMECHANICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
RT BALL BEARINGS
ELASTIC WAVES
FRICTION MEASUREMENT
LUBRICATION

ELASTOHYDRODYNAMICS-(CONT)

ROTATING CYLINDERS
SQUEEZE FILMS
WATER WAVES

ELASTOMERS

GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
CHLOROPRENE RESINS
THIOPLASTICS
VITON RUBBER (TRADEMARK)
VULCANIZED ELASTOMERS
RT LATEX
ORGANIC MATERIALS
PLASTICS
∞ POLYMERS
SILICONE RUBBER
SOLITHANES
SPONGES (MATERIALS)

ELASTOMETERS

GS MEASURING INSTRUMENTS
ELASTOMETERS
RT ELASTIC PROPERTIES
EXTENSOMETERS
STRAIN GAGES

ELASTOPLASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
ELASTOPLASTICITY
PLASTIC PROPERTIES
ELASTOPLASTICITY
RT J INTEGRAL

ELASTOSTATICS

RT ELASTIC BODIES
ELASTIC DEFORMATION
ELASTIC MEDIA
ELASTIC PROPERTIES
ELASTODYNAMICS
STATICS

ELBER EQUATION

RT CRACK CLOSURE
CRACKS
CYCLIC LOADS
∞ EQUATIONS
FRACTOGRAPHY
FRACTURE MECHANICS
MICROCRACKS
STRESS CONCENTRATION
STRESS CYCLES

ELBOW (ANATOMY)

GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
ELBOW (ANATOMY)
MUSCULOSKELETAL SYSTEM
JOINTS (ANATOMY)
ELBOW (ANATOMY)
APPENDAGES
ARM (ANATOMY)
ELBOW (ANATOMY)
RT HUMERUS
ULNA

ELDO LAUNCH VEHICLE

GS LAUNCH VEHICLES
ELDO LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ELDO LAUNCH VEHICLE
RT ARIANE LAUNCH VEHICLE
BLUE STREAK LAUNCH VEHICLE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE AGENCY
EUROPEAN 1 SPACECRAFT

ELECTRA AIRCRAFT

GS COMMERCIAL AIRCRAFT
ELECTRA AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
ELECTRA AIRCRAFT
LOCKHEED AIRCRAFT
ELECTRA AIRCRAFT
MONOPLANES
ELECTRA AIRCRAFT
PASSENGER AIRCRAFT
ELECTRA AIRCRAFT
TRANSPORT AIRCRAFT
ELECTRA AIRCRAFT

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ELECTRA AIRCRAFT-(CONT)

RT ∞ AIRCRAFT

ELECTRETS

RT CAPACITORS
CURIE TEMPERATURE
DIELECTRIC POLARIZATION
DIELECTRICS
ELECTRIC ENERGY STORAGE
ELECTRIC FIELDS
ENERGY STORAGE
MAGNETS
POLARIZATION (CHARGE SEPARATION)

ELECTRIC AIRCRAFT

USE FLY BY WIRE CONTROL

ELECTRIC APPLIANCES

USE ELECTRIC EQUIPMENT

ELECTRIC ARCS

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
ELECTRIC ARCS
CARBON ARCS
MERCURY ARCS
RT ARC CHAMBERS
ARC DISCHARGES
ARC GENERATORS
∞ ARCS
CORONAS
ELECTRICAL FAULTS
FLASHOVER
GAS DISCHARGES
GLOW DISCHARGES
IONIZATION
LIGHT SOURCES
LIGHTNING
MAGNETOHYDRODYNAMICS
PLANOTRONS
PLASMA GENERATORS
PLASMAS (PHYSICS)
SAHA EQUATIONS
SHORT CIRCUITS

ELECTRIC AUTOMOBILES

GS SURFACE VEHICLES
MOTOR VEHICLES
AUTOMOBILES
ELECTRIC AUTOMOBILES
RT TRANSPORTATION

ELECTRIC BATTERIES

SN (INCLUDES BOTH RECHARGEABLE OR
STORAGE BATTERIES AND
NON-RECHARGEABLE BATTERIES FOR
GENERATING CURRENT FROM A
STORED CHEMICAL ENERGY SOURCE)
BATTERIES
UF ELECTROCHEMICAL CELLS
GS ELECTRIC BATTERIES
NICKEL IRON BATTERIES
PRIMARY BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
SODIUM SULFUR BATTERIES
THERMAL BATTERIES
REDOX CELLS
STORAGE BATTERIES
LEAD ACID BATTERIES
NICKEL CADMIUM BATTERIES
NICKEL HYDROGEN BATTERIES
NICKEL ZINC BATTERIES
SILVER CADMIUM BATTERIES
SILVER HYDROGEN BATTERIES
SILVER ZINC BATTERIES
ZINC-BROMIDE BATTERIES
ZINC-CHLORINE BATTERIES
WET CELLS
RT AUXILIARY POWER SOURCES
BATTERY CHARGERS
CHARGE EFFICIENCY
CHEMICAL AUXILIARY POWER UNITS
DIRECT POWER GENERATORS
∞ ELECTRIC CELLS
ELECTRODES
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROMOTIVE FORCES
∞ ENERGY SOURCES
ENERGY STORAGE
NONAQUEOUS ELECTROLYTES

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ELECTRIC EQUIPMENT

ELECTRIC BATTERIES-(CONT)

- ∞ POWER SUPPLIES
- PULSE CHARGING
- RADIOISOTOPE BATTERIES
- ROADWAY POWERED VEHICLES
- SPACECRAFT POWER SUPPLIES
- VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC BRIDGES

- GS CIRCUITS
- ELECTRIC BRIDGES
- WIRE BRIDGE CIRCUITS
- WHEATSTONE BRIDGES
- RT ∞ BRIDGES
- CAPACITORS
- ELECTRICAL MEASUREMENT
- MEASURING INSTRUMENTS
- SOLID STATE DEVICES

∞ ELECTRIC CELLS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AMPLIFIERS
- DIRECT POWER GENERATORS
- ELECTRIC BATTERIES
- ELECTRIC GENERATORS
- ELECTROCHEMICAL CELLS
- ELECTROLYTIC CELLS
- FISSION ELECTRIC CELLS
- FUEL CELLS
- KERR CELLS
- LEAD ACID BATTERIES
- LITHIUM SULFUR BATTERIES
- NONAQUEOUS ELECTROLYTES
- PHOTOELECTRIC CELLS
- SODIUM SULFUR BATTERIES
- SOLAR CELLS
- WET CELLS

ELECTRIC CHARGE

- GS ELECTRIC CHARGE
- ELECTRIC DIPOLES
- ORBITING DIPOLES
- ELECTROSTATIC CHARGE
- ION CHARGE
- SPACE CHARGE
- TRAVELING CHARGE
- RT CAPACITANCE
- ∞ CHARGING
- ∞ DIPOLES
- ELECTRICAL PROPERTIES
- ELECTROMETERS
- POLARITY
- POLARIZATION (CHARGE SEPARATION)
- PULSE CHARGING
- SCATHA SATELLITE

ELECTRIC CHOPPERS

- SN *(DEVICES FOR CONVERTING DC TO AC)*
- UF CHOPPERS (ELECTRIC)
- RT AMPLIFIERS
- MECHANICAL OSCILLATORS

ELECTRIC CIRCUITS

- USE CIRCUITS

ELECTRIC COILS

- GS ELECTRIC COILS
- MAGNETIC COILS
- RT CHOKES
- ∞ COILS
- IGNITION SYSTEMS
- IMPEDANCE
- MAGNETIC CORES
- TRANSFORMERS

ELECTRIC CONDUCTORS

- UF ELECTRICAL LEADS
- GS CONDUCTORS
- ELECTRIC CONDUCTORS
- RT ∞ CONDUCTION
- DIELECTRICS
- EDDY CURRENTS
- ELECTRICAL INSULATION
- ELECTRICAL RESISTIVITY
- ELECTROSTATIC SHIELDING
- INSULATORS
- RESISTORS
- SEMICONDUCTORS (MATERIALS)
- SOMMERFELD WAVES
- THERMAL CONDUCTORS
- TRANSMISSION LINES

ELECTRIC CONNECTORS

- UF CONNECTORS (ELECTRIC)
- JACKS (ELECTRICAL)
- GS CONNECTORS
- ELECTRIC CONNECTORS
- RT BEAM LEADS
- CIRCUITS
- DISCONNECT DEVICES
- FLAT CONDUCTORS
- ∞ JACKS
- SWITCHES

ELECTRIC CONTACTS

- UF CONTACTS (ELECTRIC)
- RT BRUSHES
- BRUSHES (ELECTRICAL CONTACTS)
- COMMUTATORS
- CONTACT POTENTIALS
- CONTACT RESISTANCE
- DROPOUTS
- FLAT CONDUCTORS
- ∞ RELAY
- ∞ SLIDING CONTACT
- SLIDING FRICTION
- SWITCHES

ELECTRIC CONTROL

- UF ELECTROHYDRAULIC CONTROL
- RT AUTOMATIC CONTROL
- ∞ CONTROL
- CONTROL EQUIPMENT
- CONTROL SYSTEMS DESIGN
- ELECTRONIC CONTROL
- ENGINE CONTROL
- NUMERICAL CONTROL
- REMOTE CONTROL
- SOLENOID VALVES
- VOLTAGE CONTROLLED OSCILLATORS

ELECTRIC CORONA

- UF CORONA DISCHARGES
- GS CORONAS
- ELECTRIC CORONA
- ELECTRIC CURRENT
- ELECTRIC DISCHARGES
- ELECTRIC CORONA
- RT ATMOSPHERIC ELECTRICITY
- ELECTROHYDRODYNAMICS
- GLOW DISCHARGES
- IONIZATION
- SOLAR CORONA
- STATIC ELECTRICITY

ELECTRIC CURRENT

- UF AMPERAGE
- ELECTROSEISMIC EFFECT
- HALL CURRENTS
- PHOTOCURRENTS
- GS ELECTRIC CURRENT
- ALTERNATING CURRENT
- BEAM CURRENTS
- BRILLOUIN FLOW
- DIRECT CURRENT
- EDDY CURRENTS
- ELECTRIC DISCHARGES
- ARC DISCHARGES
- ELECTRIC ARCS
- CARBON ARCS
- MERCURY ARCS
- ELECTRIC CORONA
- ELECTRIC SPARKS
- ELECTRODELESS DISCHARGES
- FLASHOVER
- GLOW DISCHARGES
- LIGHTNING
- BALL LIGHTNING
- MULTIPACTOR DISCHARGES
- PENNING DISCHARGE
- RADIO FREQUENCY DISCHARGE
- SAINT ELMO FIRE
- TOWNSEND DISCHARGE
- GAS DISCHARGES
- TOROIDAL DISCHARGE
- RING DISCHARGE
- HIGH CURRENT
- IONOSPHERIC CURRENTS
- ELECTROJETS
- AURORAL ELECTROJETS
- EQUATORIAL ELECTROJET
- LINE CURRENT
- LOW CURRENTS
- PLASMA CURRENTS
- RING CURRENTS
- SHORT CIRCUIT CURRENTS
- TELLURIC CURRENTS

ELECTRIC CURRENT-(CONT)

- THRESHOLD CURRENTS
- RT AMMETERS
- CIRCUITS
- CURRENT CONVERTERS (AC TO DC)
- CURRENT DENSITY
- CURRENT REGULATORS
- CURRENT SHEETS
- ∞ CURRENTS
- ELECTRICAL RESISTIVITY
- ELECTRICITY
- HIGH VOLTAGES
- HYDROELECTRICITY
- INVERTED CONVERTERS (DC TO AC)
- KIRCHHOFF LAW OF NETWORKS
- LEVITATION MELTING
- LIENARD POTENTIAL
- LOW CONDUCTIVITY
- MICROMILLIAMMETERS
- OHMS LAW
- POWER CONDITIONING
- SYSTEM GENERATED
- ELECTROMAGNETIC PULSES
- TRANSMISSION LINES
- VOLT-AMPERE CHARACTERISTICS

ELECTRIC DIPOLES

- GS ELECTRIC CHARGE
- ELECTRIC DIPOLES
- ORBITING DIPOLES
- RT ∞ DIPOLES
- MAGNETIC DIPOLES

ELECTRIC DISCHARGES

- GS ELECTRIC CURRENT
- ELECTRIC DISCHARGES
- ARC DISCHARGES
- ELECTRIC ARCS
- CARBON ARCS
- MERCURY ARCS
- ELECTRIC CORONA
- ELECTRIC SPARKS
- ELECTRODELESS DISCHARGES
- FLASHOVER
- GLOW DISCHARGES
- LIGHTNING
- BALL LIGHTNING
- MULTIPACTOR DISCHARGES
- PENNING DISCHARGE
- RADIO FREQUENCY DISCHARGE
- SAINT ELMO FIRE
- TOWNSEND DISCHARGE
- GAS DISCHARGES
- TOROIDAL DISCHARGE
- RING DISCHARGE
- RT AVALANCHES
- CORONAS
- ∞ DISCHARGE
- DUOPLASMATRONS
- ELECTRON EMISSION
- ELECTROSTATIC CHARGE
- ∞ FLASH
- IONIZATION
- LIGHTNING SUPPRESSION
- MOLNIYA SATELLITES
- PLASMA CURRENTS
- SPACE CHARGE
- ZENER EFFECT

ELECTRIC ENERGY STORAGE

- GS ENERGY STORAGE
- ELECTRIC ENERGY STORAGE
- RT CAPACITORS
- DIRECT POWER GENERATORS
- ELECTRETS
- INDUCTORS
- POTENTIAL ENERGY

∞ ELECTRIC EQUIPMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF ELECTRIC APPLIANCES
- RT AIRBORNE EQUIPMENT
- CIRCUITS
- CURRENT REGULATORS
- ELECTRIC GENERATORS
- ELECTRIC POWER TRANSMISSION
- ELECTRICITY
- ELECTROMECHANICAL DEVICES
- ELECTRONIC EQUIPMENT
- HEATING EQUIPMENT
- HOMOPOLAR GENERATORS
- LIGHTING EQUIPMENT
- LOGISTICS

ELECTRIC EQUIPMENT TESTS

ELECTRIC EQUIPMENT-(CONT)

MINIATURE ELECTRONIC EQUIPMENT
MOTORS
SOLENOID VALVES
UTILITIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)
WELDING MACHINES

ELECTRIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRICAL EQUIPMENT)
RT ELECTRICAL MEASUREMENT
ELECTRONIC EQUIPMENT TESTS
GROUND TESTS
∞ TESTS

ELECTRIC FIELD STRENGTH

GS FIELD STRENGTH
ELECTRIC FIELD STRENGTH
RT COULOMB POTENTIAL
∞ FORCE
H WAVES
∞ STRENGTH

ELECTRIC FIELDS

UF ELECTROSTATIC FIELDS
GS ELECTRIC FIELDS
EXTERNAL SURFACE CURRENTS
RT BARIUM ION CLOUDS
CAVITONS
CONSTITUTIVE EQUATIONS
COULOMB POTENTIAL
CROSSED FIELDS
DIELECTRIC POLARIZATION
ELECTRETS
ELECTRODYNAMICS
ELECTROMAGNETISM
ELECTROMECHANICS
ELECTROSTATIC CHARGE
ELECTROSTATICS
EXTERNAL SURFACE CURRENTS
FIELD EMISSION
FIELD STRENGTH
∞ FIELDS
LIENARD POTENTIAL
MAGNETIC FIELDS
PERMITTIVITY
POLARITY
SPACECRAFT CHARGING
SPARK GAPS
STARK EFFECT
STATIC ELECTRICITY

ELECTRIC FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
BANDSTOP FILTERS
CRYSTAL FILTERS
DIGITAL FILTERS
FIR FILTERS
MICROWAVE FILTERS
RADAR FILTERS
RADIO FILTERS
TRACKING FILTERS
WAVEGUIDE FILTERS
RT ADAPTIVE FILTERS
BANDPASS FILTERS
CAPACITORS
CIRCUITS
ELECTRONIC FILTERS
∞ FILTERS
HIGH PASS FILTERS
INFRARED FILTERS
KALMAN FILTERS
LINEAR FILTERS
LOW PASS FILTERS
NONLINEAR FILTERS
OPTICAL FILTERS
RC CIRCUITS
RECEIVERS
REDUCED ORDER FILTERS
RESISTORS
TRANSFORMERS
ULTRAVIOLET FILTERS
WIENER FILTERING

ELECTRIC FURNACES

GS HEATING EQUIPMENT
FURNACES
ELECTRIC FURNACES
RT ∞ MATERIALS
SPACE PROCESSING

ELECTRIC FUSES

RT CIRCUIT PROTECTION
DISCONNECT DEVICES
∞ FUSES

ELECTRIC GENERATORS

UF ELECTRIC POWER CONVERSION
ELECTROGENERATORS
POWER GENERATORS
GS ELECTRIC GENERATORS
AC GENERATORS
STATIC ALTERNATORS
DIRECT POWER GENERATORS
ELECTROSTATIC GENERATORS
FUEL CELLS
BIOCHEMICAL FUEL CELLS
HYDROGEN OXYGEN FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
REGENERATIVE FUEL CELLS
MAGNETOHYDRODYNAMIC GENERATORS
PHOTOELECTRIC GENERATORS
PRIMARY BATTERIES
ALKALINE BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
THERMAL BATTERIES
RADIOISOTOPE BATTERIES
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
THERMIONIC CONVERTERS
SNAP 13
SOLAR BLANKETS
THERMOELECTRIC GENERATORS
SNAP 3
SNAP 7
SNAP 9A
SNAP 10A
SNAP 11
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SOLAR SEA POWER PLANTS
ROTATING GENERATORS
AMPLIDYNES
DYNAMOMETERS
HOMOPOLAR GENERATORS
STATIC ALTERNATORS
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC GENERATOR
SOLAR GENERATORS
SOLAR AUXILIARY POWER UNITS
ASTEC SOLAR TURBOELECTRIC GENERATOR
SUNFLOWER POWER SYSTEM
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
RT AIRCRAFT POWER SUPPLIES
ARC GENERATORS
ARMATURES
AUXILIARY POWER SOURCES
BRUSHES
BRUSHES (ELECTRICAL CONTACTS)
CLOSED CYCLES
COGENERATION
COMBINED CYCLE POWER GENERATION
∞ CONVERSION
∞ CONVERTERS
∞ ELECTRIC CELLS
∞ ELECTRIC EQUIPMENT
ELECTRICAL ENGINEERING
ELECTROMOTIVE FORCES
∞ ENERGY SOURCES
∞ GENERATORS

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ELECTRIC GENERATORS-(CONT)

NUCLEAR ELECTRIC POWER GENERATION
∞ POWER
POWER CONDITIONING
∞ POWER SUPPLIES
SNAP
SOLAR PONDS (HEAT STORAGE)
STATIC INVERTERS
THERMONUCLEAR POWER GENERATION
TIDE POWERED GENERATORS
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS

ELECTRIC HYBRID VEHICLES

GS SURFACE VEHICLES
ELECTRIC HYBRID VEHICLES
RT AUTOMOBILES
INTERNAL COMBUSTION ENGINES
∞ ROTATING ELECTRICAL MACHINES
∞ VEHICLES

ELECTRIC IGNITION

GS IGNITION
ELECTRIC IGNITION
RT IGNITERS
IGNITION SYSTEMS
SPARK IGNITION
SQUIBS
STARTING

ELECTRIC IMPULSES

USE ELECTRIC PULSES

ELECTRIC MOMENTS

GS MOMENTS
DIPOLE MOMENTS
ELECTRIC MOMENTS
RT MAGNETIC MOMENTS
POLARIZATION (CHARGE SEPARATION)

ELECTRIC MOTOR VEHICLES

GS SURFACE VEHICLES
MOTOR VEHICLES
ELECTRIC MOTOR VEHICLES
RT AUTOMATED TRANSIT VEHICLES
AUTOMOBILES
CRAWLER TRACTORS
RESEARCH VEHICLES
ROADWAY POWERED VEHICLES
TEST VEHICLES
TRACTORS
TRUCKS
∞ VEHICLES

ELECTRIC MOTORS

GS MOTORS
ELECTRIC MOTORS
ASYNCHRONOUS MOTORS
INDUCTION MOTORS
MICROMOTORS
STEPPING MOTORS
SYNCHRONOUS MOTORS
TORQUE MOTORS
RT AMPLIDYNES
ARMATURES
BRUSHES
BRUSHES (ELECTRICAL CONTACTS)
CIRCUITS
COMMUTATORS
DECOMMUTATORS
POWER FACTOR CONTROLLERS
∞ ROTATING ELECTRICAL MACHINES
SERVOMECHANISMS
SERVOMOTORS
STATORS
TRANSFORMERS

ELECTRIC NETWORKS

RT IMPEDANCE MATCHING
∞ NETWORKS
SNEAK CIRCUIT ANALYSIS
VOLTAGE CONTROLLED OSCILLATORS

ELECTRIC OUTLETS

RT ∞ POWER TRANSMISSION

ELECTRIC POTENTIAL

UF VOLTAGE
GS POTENTIAL ENERGY
ELECTRIC POTENTIAL
BIOELECTRIC POTENTIAL
CONTACT POTENTIALS
COULOMB POTENTIAL

ELECTRIC POTENTIAL-(CONT)

LIENARD POTENTIAL
 LOW VOLTAGE
 OPEN CIRCUIT VOLTAGE
 PHOTOVOLTAGES
 QUANTUM WELLS
 SPIKE POTENTIALS
 RT BARRITT DIODES
 BIAS
 CAPACITANCE VOLTAGE
 CHARACTERISTICS
 ELECTROMOTIVE FORCES
 GIBBS-HELMHOLTZ EQUATIONS
 HIGH VOLTAGES
 IONIZATION POTENTIALS
 KIRCHHOFF LAW OF NETWORKS
 OVERVOLTAGE
 ∞ POTENTIAL
 POTENTIOMETERS (INSTRUMENTS)
 POWER CONDITIONING
 STATIC ELECTRICITY
 VOLT-AMPERE CHARACTERISTICS

∞ ELECTRIC POWER

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF ELECTRICAL ENERGY
 RT AUXILIARY POWER SOURCES
 ELECTRIC BATTERIES
 ELECTRIC CURRENT
 ELECTRIC POWER PLANTS
 ELECTRIC PROPULSION
 ELECTRICAL PROPERTIES
 ELECTRICITY
 ELECTRIFICATION
 GEOTHERMAL ENERGY UTILIZATION
 HYDROELECTRICITY
 INDUCTION MOTORS
 POYNTING THEOREM
 TOKAMAK DEVICES
 TURBOGENERATORS
 UTILITIES
 VOLTAGE CONVERTERS (AC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC POWER CONVERSION

USE ELECTRIC GENERATORS

ELECTRIC POWER PLANTS

GS ELECTRIC POWER PLANTS
 FUEL CELL POWER PLANTS
 NUCLEAR POWER PLANTS
 ENRICO FERMI ATOMIC POWER
 PLANT
 HALLAM NUCLEAR POWER FACILITY
 ML-1 NUCLEAR POWER PLANT
 SOLAR THERMAL ELECTRIC POWER
 PLANTS
 RT COGENERATION
 COMBINED CYCLE POWER GENERATION
 ∞ ELECTRIC POWER
 ELECTRICAL ENGINEERING
 ∞ FACILITIES
 FLUE GASES
 FLY ASH
 HYDROELECTRIC POWER STATIONS
 INTEGRATED ENERGY SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 ∞ POWER PLANTS
 SOLAR SEA POWER PLANTS

ELECTRIC POWER SUPPLIES

GS ELECTRIC POWER SUPPLIES
 AIRCRAFT POWER SUPPLIES
 SPACECRAFT POWER SUPPLIES
 RT AUXILIARY POWER SOURCES
 COMPULSATORS
 INDUCTION MOTORS
 LINE CURRENT
 PAYLOAD DELIVERY (STS)
 ∞ POWER SUPPLIES

ELECTRIC POWER TRANSMISSION

GS TRANSMISSION
 ELECTRIC POWER TRANSMISSION
 RT CIRCUIT PROTECTION
 CIRCUITS
 ∞ CONDUCTION
 ∞ ELECTRIC EQUIPMENT
 ELECTRICAL ENGINEERING
 ELECTRIFICATION
 HYDROELECTRIC POWER STATIONS
 ∞ NETWORKS
 POLES (SUPPORTS)

ELECTRIC POWER TRANSMISSION-(CONT)

POWER LINES
 ∞ POWER TRANSMISSION
 POWER TRANSMISSION (LASERS)
 SUPERCONDUCTING POWER
 TRANSMISSION
 TRANSMISSION CIRCUITS
 TRANSMISSION LINES
 TRANSMISSION LOSS
 UNDERGROUND TRANSMISSION LINES

ELECTRIC PROPULSION

SN (EXCLUDES PROPULSION USING
 ELECTRIC MOTORS AS PRIME MOVERS)
 GS PROPULSION
 ELECTRIC PROPULSION
 ELECTROMAGNETIC PROPULSION
 ELECTROSTATIC PROPULSION
 ION PROPULSION
 LASER PROPULSION
 PLASMA PROPULSION
 SOLAR ELECTRIC PROPULSION
 RT ARC JET ENGINES
 ∞ ELECTRIC POWER
 LOW THRUST PROPULSION
 MARINE PROPULSION
 NUCLEAR ELECTRIC PROPULSION
 PLASMA POWER SOURCES
 RIFT (REACTOR IN FLIGHT TEST)
 SERT 1 SPACECRAFT
 SERT 2 SPACECRAFT
 SPACECRAFT PROPULSION
 TWO STAGE PLASMA ENGINES
 UNDERWATER PROPULSION

ELECTRIC PULSES

UF ELECTRIC IMPULSES
 GS PULSES
 ELECTRIC PULSES
 RT ELECTROMAGNETIC PULSES
 PULSE AMPLITUDE
 PULSE DURATION
 PULSE GENERATORS
 PULSE MODULATION
 PULSE RATE
 ∞ SIGNALS
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES

ELECTRIC REACTORS

GS ELECTRIC REACTORS
 SATURABLE REACTORS
 RT CAPACITORS
 CIRCUIT PROTECTION
 ∞ REACTORS
 RESISTORS
 TRANSFORMERS

ELECTRIC RELAYS

SN (EXCLUDES COMMUNICATION SYSTEM
 REPEATERS)
 GS SWITCHES
 ELECTRIC RELAYS
 RT ARMATURES
 CIRCUIT BREAKERS
 DISCONNECT DEVICES
 INTERRUPTION
 ∞ RELAY
 SELECTORS
 SOLENOID VALVES
 SOLENOIDS
 SWITCHING CIRCUITS
 TIME LAG

ELECTRIC ROCKET ENGINES

GS ENGINES
 ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 ARC JET ENGINES
 RESISTOJET ENGINES
 ION ENGINES
 CESIUM ENGINES
 MERCURY ION ENGINES
 RIT ENGINES
 RT MICROROCKET ENGINES
 PULSED JET ENGINES
 RESTARTABLE ROCKET ENGINES
 SERT 1 SPACECRAFT
 SERT 2 SPACECRAFT
 SPACE ELECTRIC ROCKET TESTS
 SUSTAINER ROCKET ENGINES
 VERNIER ENGINES

ELECTRIC SPARKS

UF SPARK DISCHARGES
 GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
 ELECTRIC SPARKS
 SPARKS
 ELECTRIC SPARKS
 RT FLASHOVER
 GAS DISCHARGES
 IONIZATION
 LIGHTNING
 SPARK CHAMBERS
 SPARK GAPS
 SPARK IGNITION
 SPARK PLUGS
 STATIC ELECTRICITY

ELECTRIC STIMULI

RT PHYSIOLOGY
 ∞ STIMULI

ELECTRIC SWITCHES

GS SWITCHES
 ELECTRIC SWITCHES
 CRYOTRONS
 STEPPING SWITCHES
 THERMOSTATS
 VACUUM ARC SWITCHES
 RT CONTACTORS
 CRYOSTATS
 CURRENT REGULATORS
 DROPOUTS
 ELECTRONIC CONTROL
 PRESSURE SWITCHES
 SOLENOID VALVES
 SWITCHING CIRCUITS
 VOLTAGE REGULATORS

ELECTRIC TERMINALS

RT ∞ TERMINALS

ELECTRIC WELDING

GS WELDING
 ELECTRIC WELDING
 ARC WELDING
 GAS TUNGSTEN ARC WELDING
 PLASMA ARC WELDING
 ELECTRON BEAM WELDING
 ELECTROSLAG WELDING
 RT FLASH WELDING
 FUSION WELDING
 PRESSURE WELDING
 SPOT WELDS
 WELDING MACHINES

ELECTRIC WIRE

UF ELECTRIC WIRING
 GS CONDUCTORS
 ELECTRIC WIRE
 WIRE
 ELECTRIC WIRE
 RT BUS CONDUCTORS
 CIRCUITS
 COMMUNICATION CABLES
 ELECTRICAL INSULATION
 EXPLODING WIRES
 FLAT CONDUCTORS
 POWER LINES
 TRANSMISSION LINES
 WIRE BRIDGE CIRCUITS

ELECTRIC WIRING

USE ELECTRIC WIRE
 WIRING

ELECTRICAL BREAKDOWN

USE ELECTRICAL FAULTS

ELECTRICAL CONDUCTIVITY

USE ELECTRICAL RESISTIVITY

ELECTRICAL CONDUCTIVITY METERS

GS MEASURING INSTRUMENTS
 CONDUCTIVITY METERS
 ELECTRICAL CONDUCTIVITY METERS
 RT OHMMETERS

ELECTRICAL ENERGY

USE ELECTRIC POWER

ELECTRICAL ENGINEERING

RT ELECTRIC GENERATORS
 ELECTRIC POWER PLANTS
 ELECTRIC POWER TRANSMISSION

ELECTRICAL FAULTS

ELECTRICAL ENGINEERING-(CONT)

- ∞ ELECTRONICS
- ∞ ENGINEERING
- ∞ POWER TRANSMISSION
- SYSTEMS ENGINEERING
- TRANSMISSION LINES
- TURBOGENERATORS

ELECTRICAL FAULTS

- UF ELECTRICAL BREAKDOWN
- VOLTAGE BREAKDOWN
- GS **ELECTRICAL FAULTS**
- SHORT CIRCUITS
- RT ∞ BREAKDOWN
- CIRCUIT PROTECTION
- ELECTRIC ARCS
- FAILURE
- ∞ FAULTS
- FLASHOVER
- SNEAK CIRCUIT ANALYSIS
- SPARK GAPS

ELECTRICAL GROUNDING

- RT CIRCUIT PROTECTION
- CIRCUITS
- NOISE REDUCTION
- TRANSFORMERS

ELECTRICAL IMPEDANCE

- UF ADMITTANCE
- IMMITTANCE
- GS IMPEDANCE
- ELECTRICAL IMPEDANCE**
- ELECTRICAL RESISTANCE
- CONTACT RESISTANCE
- SKIN RESISTANCE
- REACTANCE
- RT CAPACITANCE
- IMPEDANCE MATCHING
- IMPEDANCE MEASUREMENT
- INDUCTANCE
- LATCH-UP
- OHMMETERS
- SMITH CHART

ELECTRICAL INSULATION

- UF NONCONDUCTORS
- GS INSULATION
- ELECTRICAL INSULATION**
- RT ASBESTOS
- CIRCUIT PROTECTION
- DIELECTRICS
- ELECTRIC CONDUCTORS
- ELECTRIC WIRE
- EXCITONS
- ∞ INSULATED STRUCTURES
- INSULATORS
- WIRING

ELECTRICAL LEADS

- USE ELECTRIC CONDUCTORS

ELECTRICAL MEASUREMENT

- SN (MEASUREMENT OF ELECTRICAL
- PROPERTIES, QUANTITIES, OR
- CONDITIONS)
- UF VOLTAGE MEASUREMENT
- GS **ELECTRICAL MEASUREMENT**
- COULOMETRY
- POLAROGRAPHY
- RT AMMETERS
- BOLOMETERS
- COULOMETERS
- ELECTRIC BRIDGES
- ELECTRIC EQUIPMENT TESTS
- ELECTROMAGNETIC MEASUREMENT
- ELECTROMETERS
- ELECTRONIC EQUIPMENT TESTS
- FLOWMETERS
- IMPEDANCE MEASUREMENT
- MAGNETOMETERS
- ∞ MEASUREMENT
- MEASURING INSTRUMENTS
- MICROMILLIAMMETERS
- MISMATCH (ELECTRICAL)
- OHMMETERS
- OSCILLOGRAPHS
- POTENTIOMETERS (INSTRUMENTS)
- WATTMETERS

ELECTRICAL PROPERTIES

- UF BARDEEN APPROXIMATION
- GS ELECTROMAGNETIC PROPERTIES
- ELECTRICAL PROPERTIES**
- ANTIFERROELECTRICITY

ELECTRICAL PROPERTIES-(CONT)

- CAPACITANCE
- CARRIER MOBILITY
- ELECTRON MOBILITY
- HOLE MOBILITY
- DIELECTRIC PROPERTIES
- PERMITTIVITY
- FERROELECTRICITY
- INDUCTANCE
- PROXIMITY EFFECT (ELECTRICITY)
- PHOTOCONDUCTIVITY
- PHOTOVOLTAIC EFFECT
- RT CAPACITANCE-VOLTAGE
- CHARACTERISTICS
- ∞ CONDUCTIVITY
- CRYSTAL OSCILLATORS
- DIAMAGNETISM
- DIPOLE MOMENTS
- DOMAINS
- EDDY CURRENTS
- ELECTRIC CHARGE
- ∞ ELECTRIC POWER
- ELECTRICITY
- FIELD STRENGTH
- HYSTERESIS
- IMPEDANCE
- MAGNETIC PROPERTIES
- OPEN CIRCUIT VOLTAGE
- OPTICAL PROPERTIES
- PHOTOELECTRIC EMISSION
- ∞ PHYSICAL PROPERTIES
- ∞ PROPERTIES
- QUALITY CONTROL
- ∞ RESISTANCE
- ∞ SOLID STATE PHYSICS
- STANDING WAVE RATIOS

ELECTRICAL RESISTANCE

- GS IMPEDANCE
- ELECTRICAL IMPEDANCE
- ELECTRICAL RESISTANCE**
- CONTACT RESISTANCE
- SKIN RESISTANCE
- RT GALVANIC SKIN RESPONSE
- ∞ HIGH RESISTANCE
- LINEAR CIRCUITS
- ∞ LOW RESISTANCE
- MANGANIN (TRADEMARK)
- OHMMETERS
- OHMS LAW
- RC CIRCUITS
- REACTANCE
- ∞ RESISTANCE
- RL CIRCUITS
- RLC CIRCUITS

ELECTRICAL RESISTIVITY

- UF ELECTRICAL CONDUCTIVITY
- ELECTROCONDUCTIVITY
- RESISTIVITY
- GS TRANSPORT PROPERTIES
- ELECTRICAL RESISTIVITY**
- IONOSPHERIC CONDUCTIVITY
- MAGNETORESISTIVITY
- PHOTOCONDUCTIVITY
- PLASMA CONDUCTIVITY
- SUPERCONDUCTIVITY
- KONDO EFFECT
- RT AIR CONDUCTIVITY
- ATMOSPHERIC CONDUCTIVITY
- CARRIER MOBILITY
- ∞ CONDUCTIVITY
- ELECTRIC CONDUCTORS
- ELECTRIC CURRENT
- ELECTRICAL RESISTIVITY
- ELECTRICAL RESISTIVITY
- ELECTROMIGRATION
- LOW CONDUCTIVITY
- OPEN CIRCUIT VOLTAGE
- PLASMA CURRENTS
- ∞ RESISTANCE

ELECTRICALLY SUSPENDED GYROSCOPES

- USE ELECTROSTATIC GYROSCOPES

ELECTRICITY

- GS **ELECTRICITY**
- ALTERNATING CURRENT
- ATMOSPHERIC ELECTRICITY
- IONOSPHERIC CURRENTS
- ELECTROJETS
- AURORAL ELECTROJETS
- EQUATORIAL ELECTROJET
- GEOELECTRICITY
- TELLURIC CURRENTS

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ELECTRICITY-(CONT)

- HYDROELECTRICITY
- STATIC ELECTRICITY
- RT ELECTRIC CURRENT
- ∞ ELECTRIC EQUIPMENT
- ∞ ELECTRIC POWER
- ELECTRICAL PROPERTIES
- ELECTROMAGNETISM
- ∞ ELECTRONICS
- LIGHTNING
- MAXWELL EQUATION
- OHMS LAW
- PHOTOELECTRICITY
- PIEZOELECTRICITY
- PROXIMITY EFFECT (ELECTRICITY)

ELECTRIFICATION

- RT ∞ ELECTRIC POWER
- ELECTRIC POWER TRANSMISSION
- ∞ POWER TRANSMISSION
- TRANSMISSION LINES

ELECTRO-OPTICAL EFFECT

- RT ∞ EFFECTS
- ∞ KERR EFFECTS
- LIGHT MODULATION
- NONLINEAR OPTICS
- ∞ OPTICS

ELECTRO-OPTICAL PHOTOGRAPHY

- UF ELECTRONIC PHOTOGRAPHY
- GS IMAGERY
- ELECTRO-OPTICAL PHOTOGRAPHY**
- PHOTOGRAPHY
- ELECTRO-OPTICAL PHOTOGRAPHY**
- RT ASTRONOMICAL PHOTOGRAPHY
- BLACK AND WHITE PHOTOGRAPHY
- IMAGE RESOLUTION
- LALLEMAND CAMERAS
- OPTICAL MEASUREMENT
- ∞ OPTICS
- STREAK PHOTOGRAPHY

ELECTRO-OPTICS

- GS ELECTROPHYSICS
- ELECTRO-OPTICS**
- RT ACOUSTO-OPTICS
- BIREFRINGENCE
- CHARGE INJECTION DEVICES
- ELECTROCHROMISM
- ELECTROLUMINESCENCE
- ELECTRON OPTICS
- INTEGRATED OPTICS
- KERR ELECTROOPTICAL EFFECT
- LASER MICROSCOPY
- LIGHT VALVES
- MAGNETO-OPTICS
- OPTICAL COMPUTERS
- OPTICAL RELAY SYSTEMS
- ∞ OPTICS
- PHOTONICS
- POSITION SENSING
- PUSHBROOM SENSOR MODES
- STARK EFFECT

ELECTROACOUSTIC TRANSDUCERS

- GS TRANSDUCERS
- SOUND TRANSDUCERS
- ELECTROACOUSTIC TRANSDUCERS**
- HYDROPHONES
- LOUDSPEAKERS
- MICROPHONES
- RT INTERDIGITAL TRANSDUCERS
- SURFACE ACOUSTIC WAVE DEVICES

ELECTROACOUSTIC WAVES

- GS ELASTIC WAVES
- SOUND WAVES
- ELECTROACOUSTIC WAVES**
- RT ELECTROMAGNETIC RADIATION
- PLASMA WAVES
- PRESSURE SENSORS
- WAVE INTERACTION
- ∞ WAVES

ELECTROANESTHESIA

- GS ANESTHESIA
- ELECTROANESTHESIA**
- RT ELECTRONARCOSIS

ELECTROCARDIOGRAMS

- USE ELECTROCARDIOGRAPHY

ELECTROCARDIOGRAPHY

UF ELECTROCARDIOGRAMS
 GS BIOENGINEERING
 BIOMETRICS
 CARDIOGRAPHY
 ELECTROCARDIOGRAPHY
 RT BALLISTOCARDIOGRAPHY
 BODY MEASUREMENT (BIOLOGY)
 ELECTROPHYSIOLOGY
 HEART DISEASES
 MEDICAL ELECTRONICS
 MUSCLES
 PHONOCARDIOGRAPHY
 VECTOCARDIOGRAPHY

ELECTROCATALYSTS

UF FUEL CELL CATALYSTS
 GS CATALYSTS
 ELECTROCATALYSTS
 RT FUEL CELLS

ELECTROCHEMICAL CELLS

GS **ELECTROCHEMICAL CELLS**
 ALKALINE BATTERIES
 ELECTRIC BATTERIES
 NICKEL IRON BATTERIES
 PRIMARY BATTERIES
 DRY CELLS
 MAGNESIUM CELLS
 NICKEL ZINC BATTERIES
 METAL AIR BATTERIES
 ZINC-OXYGEN BATTERIES
 SODIUM SULFUR BATTERIES
 THERMAL BATTERIES
 REDOX CELLS
 STORAGE BATTERIES
 LEAD ACID BATTERIES
 NICKEL CADMIUM BATTERIES
 NICKEL HYDROGEN BATTERIES
 NICKEL ZINC BATTERIES
 SILVER CADMIUM BATTERIES
 SILVER HYDROGEN BATTERIES
 SILVER ZINC BATTERIES
 ZINC-BROMIDE BATTERIES
 ZINC-CHLORINE BATTERIES
 WET CELLS
 FUEL CELLS
 BIOCHEMICAL FUEL CELLS
 HYDROGEN OXYGEN FUEL CELLS
 PHOSPHORIC ACID FUEL CELLS
 REGENERATIVE FUEL CELLS
 LITHIUM SULFUR BATTERIES
 RT ∞ CELLS
 ∞ ELECTRIC CELLS
 ELECTROCHEMISTRY
 PHOTOELECTRIC CELLS
 PHOTOELECTROCHEMICAL DEVICES
 PHOTOVOLTAIC CELLS

ELECTROCHEMICAL CORROSION

GS CORROSION
 ELECTROCHEMICAL CORROSION
 RT ELECTRODISSOLUTION
 ELECTROLYSIS
 METAL-WATER REACTIONS

ELECTROCHEMICAL MACHINING

UF ELECTROLYTIC GRINDING
 GS MACHINING
 CHEMICAL MACHINING
 ELECTROCHEMICAL MACHINING
 RT ELECTROPOLISHING

ELECTROCHEMICAL OXIDATION

GS CHEMICAL REACTIONS
 OXIDATION
 ELECTROCHEMICAL OXIDATION

ELECTROCHEMISTRY

GS **ELECTROCHEMISTRY**
 ELECTROLYSIS
 COULOMETRY
 PHOTOELECTROCHEMISTRY
 RT ∞ CHEMISTRY
 CORROSION
 COULOMETERS
 ELECTROCHEMICAL CELLS
 ELECTROCHROMISM
 ELECTRODEPOSITION
 ELECTRODES
 ELECTRODISSOLUTION
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHYSICS
 FUEL CELLS

ELECTROCHEMISTRY-(CONT)

GLASS ELECTRODES
 NONAQUEOUS ELECTROLYTES
 OXIDATION-REDUCTION REACTIONS
 REDOX CELLS

ELECTROCHROMISM

RT COLOR
 DISPLAY DEVICES
 ELECTRO-OPTICS
 ELECTROCHEMISTRY
 THIN FILMS

ELECTROCONDUCTIVITY

USE ELECTRICAL RESISTIVITY

ELECTROCUTANEOUS COMMUNICATION

GS COMMUNICATING
 ELECTROCUTANEOUS COMMUNICATION
 RT PERCEPTION
 SENSORY PERCEPTION
 TOUCH

ELECTRODE FILM BARRIERS

RT ∞ BARRIERS
 ELECTRODES
 ∞ FILMS
 POLARIZATION (CHARGE SEPARATION)
 THIN FILMS

ELECTRODE MATERIALS

RT ANIONS
 ANODES
 ANODIC COATINGS
 CATHODES
 CATHODIC COATINGS
 CELL ANODES
 CELL CATHODES
 ELECTRODES
 PHOTOCATHODES
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC MATERIALS
 PHOTOELECTROCHEMICAL DEVICES
 TUBE ANODES

ELECTRODELESS DISCHARGES

GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
 ELECTRODELESS DISCHARGES
 RT ∞ DISCHARGE
 GAS DISCHARGES
 GLOW DISCHARGES
 LIGHTNING
 PENNING DISCHARGE
 RADIO FREQUENCY DISCHARGE
 RING DISCHARGE
 TOROIDAL DISCHARGE
 TOWNSEND DISCHARGE

ELECTRODEPOSITION

GS DEPOSITION
 ELECTRODEPOSITION
 ELECTROPLATING
 RT CATHODIC COATINGS
 CELL CATHODES
 COULOMETERS
 ELECTROCHEMISTRY
 ELECTROFORMING
 ELECTROLESS DEPOSITION
 ELECTROLYSIS
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHORESIS
 ELECTROWINNING
 METAL MATRIX COMPOSITES
 METAL POWDER
 PLATING
 POWDER METALLURGY
 REDUCTION (CHEMISTRY)

ELECTRODERMAL RESPONSE

USE GALVANIC SKIN RESPONSE

ELECTRODES

GS **ELECTRODES**
 ANODES
 CELL ANODES
 SHELL ANODES
 TUBE ANODES
 CATHODES
 CELL CATHODES
 HOLLOW CATHODES
 TUBE CATHODES

ELECTRODES-(CONT)

COLD CATHODES
 HOT CATHODES
 PHOTOCATHODES
 THERMIONIC CATHODES
 TUNNEL CATHODES
 DIFFUSION ELECTRODES
 DYNODES
 GLASS ELECTRODES
 IMPLANTED ELECTRODES (BIOLOGY)
 ION SELECTIVE ELECTRODES
 PLASMA ELECTRODES
 SOLID ELECTRODES
 TUBE GRIDS
 RT COLD CATHODE TUBES
 ELECTRIC BATTERIES
 ELECTROCHEMISTRY
 ELECTRODE FILM BARRIERS
 ELECTRODE MATERIALS
 ELECTROLYSIS
 ELECTROPLATING
 ELECTROREFINING
 ELECTROWINNING
 GRAPHITE
 PHOTOMULTIPLIER TUBES
 PHOTOTUBES
 TAFEL LAW

ELECTRODIALYSIS

GS DIALYSIS
 ELECTRODIALYSIS
 RT COLLOIDS
 HYDROMETALLURGY
 ∞ SEPARATION

ELECTRODISSOLUTION

RT DISSOCIATION
 ELECTROCHEMICAL CORROSION
 ELECTROCHEMISTRY
 ELECTROLYSIS

ELECTRODYNAMICS

GS **ELECTRODYNAMICS**
 ELECTROHYDRODYNAMICS
 ELECTROMECHANICS
 QUANTUM ELECTRODYNAMICS
 LIGHT-CONE EXPANSION
 RT BORN-INFELD THEORY
 ∞ DYNAMICS
 ELECTRIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMECHANICAL DEVICES
 LINE CURRENT
 MAXWELL EQUATION
 PONDEROMOTIVE FORCES
 TRAVELING CHARGE

ELECTRODYNAMOMETERS

USE DYNAMOMETERS

ELECTROENCEPHALOGRAM

USE ELECTROENCEPHALOGRAPHY

ELECTROENCEPHALOGRAPHY

UF EEG (ELECTROENCEPHALOGRAMS)
 ELECTROENCEPHALOGRAM
 GS BIOENGINEERING
 BIOMETRICS
 ELECTROENCEPHALOGRAPHY
 RT AROUSAL
 BODY MEASUREMENT (BIOLOGY)
 BRAIN
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 MEDICAL EQUIPMENT

ELECTROEPITAXY

GS GROWTH
 CRYSTAL GROWTH
 EPITAXY
 ELECTROEPITAXY
 RT CRYSTALS
 HYDROTHERMAL CRYSTAL GROWTH
 LIQUID PHASES
 TRAVELING SOLVENT METHOD

ELECTROEROSION

USE SPARK MACHINING

ELECTROEXPLOSIVE DEVICES

USE INITIATORS (EXPLOSIVES)

ELECTROFORMING

GS FORMING TECHNIQUES

ELECTROGENERATORS**ELECTROFORMING-(CONT)**

RT DEPOSITION
ELECTRODEPOSITION
ELECTROLESS DEPOSITION
ELECTROPLATING
SPARK MACHINING

ELECTROGENERATORS

USE ELECTRIC GENERATORS

ELECTROHYDRAULIC CONTROL

USE ELECTRIC CONTROL
HYDRAULIC CONTROL

ELECTROHYDRAULIC FORMING

GS FORMING TECHNIQUES
COLD WORKING

ELECTROHYDRAULIC FORMING

RT EXPLOSIVE FORMING
METAL WORKING

ELECTROHYDRODYNAMICS

GS ELECTRODYNAMICS
ELECTROHYDRODYNAMICS
FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS

ELECTROHYDRODYNAMICS

L HYDROMECHANICS
HYDRODYNAMICS

ELECTROHYDRODYNAMICS

RT ELECTRIC CORONA
ELECTROKINETICS
ELECTRON GAS
ELECTRON MOBILITY
ION DISTRIBUTION
IONIC MOBILITY
MAGNETOHYDRODYNAMICS

ELECTROJETS

GS ELECTRIC CURRENT
IONOSPHERIC CURRENTS
ELECTROJETS
AURORAL ELECTROJETS
EQUATORIAL ELECTROJET
ELECTRICITY
ATMOSPHERIC ELECTRICITY
IONOSPHERIC CURRENTS
ELECTROJETS
AURORAL ELECTROJETS
EQUATORIAL ELECTROJET
RT GEOMAGNETISM
IONOSPHERE
IONOSPHERIC CONDUCTIVITY
IONOSPHERIC DRIFT
RING CURRENTS

ELECTROKINETICS

GS KINETICS
ELECTROKINETICS
RT ELECTROHYDRODYNAMICS
ELECTROMAGNETIC FIELDS
ELECTROMECHANICS
ELECTROPHYSICS

ELECTROLESS DEPOSITION

GS DEPOSITION
ELECTROLESS DEPOSITION
RT COATINGS
ELECTRODEPOSITION
ELECTROFORMING
METAL COATINGS
PLATING
VACUUM DEPOSITION
VAPOR DEPOSITION

ELECTROLUMINESCENCE

UF ELECTROLUMINESCENT LAMPS
GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
ELECTROLUMINESCENCE
RT ELECTRO-OPTICS
LIGHT EMITTING DIODES
LIGHT SOURCES

ELECTROLUMINESCENT LAMPS

USE ELECTROLUMINESCENCE
LUMINAIRES

ELECTROLYSIS

GS ELECTROCHEMISTRY

ELECTROLYSIS-(CONT)

ELECTROLYSIS
COULOMETRY
RT CORROSION
COULOMETERS
CRACKING (CHEMICAL ENGINEERING)
CURRENT DENSITY
DECOMPOSITION
ELECTROCHEMICAL CORROSION
ELECTRODEPOSITION
ELECTRODES
ELECTRODISSOLUTION
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROPLATING
HYDROGEN PRODUCTION
IONIC MOBILITY
METATHESIS
PASSIVITY
PHOTOLYSIS
REDUCTION (CHEMISTRY)
TAFEL LAW

ELECTROLYTE METABOLISM

GS METABOLISM
ELECTROLYTE METABOLISM

ELECTROLYTES

GS CONDUCTORS
ELECTROLYTES
ANOLYTES
CATHOLYTES
ION EXCHANGE MEMBRANE
ELECTROLYTES
JUMPERS
MOLTEN SALT ELECTROLYTES
NONAQUEOUS ELECTROLYTES
SOLID ELECTROLYTES
RT CONDUCTING FLUIDS
DEBYE-HUCKEL THEORY
ELECTRIC BATTERIES
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
ELECTROLYTIC CELLS
ELECTROPLATING
ELECTROREFINING
ELECTROWINNING
FUEL CELLS
IONS
NONELECTROLYTES
PRIMARY BATTERIES
REDOX CELLS
STORAGE BATTERIES
WET CELLS

ELECTROLYTIC CELLS

UF GALVANIC CELLS
RT CELLS
∞ DIAPHRAGMS
DIAPHRAGMS (MECHANICS)
DIFFUSION ELECTRODES
ELECTRIC BATTERIES
∞ ELECTRIC CELLS
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
ELECTROLYTES
ELECTROPLATING
ELECTROREFINING
ELECTROWINNING
IONIC MOBILITY
LEAD ACID BATTERIES
NONAQUEOUS ELECTROLYTES
PHOSPHORIC ACID FUEL CELLS

ELECTROLYTIC GRINDING

USE ELECTROCHEMICAL MACHINING

ELECTROLYTIC POLARIZATION

GS POLARIZATION (CHARGE SEPARATION)
ELECTROLYTIC POLARIZATION
RT DEPOLARIZATION
MAGNESIUM CELLS

ELECTROLYTIC POLISHING

USE ELECTROPOLISHING

ELECTROMAGNETIC ABSORPTION

UF IONOSPHERIC ABSORPTION
LIGHT ABSORPTION
MAGNETIC ABSORPTION
OPTICAL ABSORPTION
GS ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETIC ABSORPTION

NASA THESAURUS (VOLUME 1)**ELECTROMAGNETIC ABSORPTION-(CONT)**

INFRARED ABSORPTION
ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
AURORAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MULTIPHOTON ABSORPTION
PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
AURORAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MULTIPHOTON ABSORPTION
PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
RT ABSORBERS (MATERIALS)
ABSORPTANCE
∞ ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
ACTIVATION
ATMOSPHERIC ATTENUATION
ATTENUATION
BEER LAW
BOUGUER LAW
CHANDRASEKHAR EQUATION
EXCITATION
FADING
FLUORESCENCE
GAMMA RAY ABSORPTIOMETRY
IRRADIATION
LIGHT SCATTERING
MANDELSTAM REPRESENTATION
MOLECULAR ABSORPTION
MOSSBAUER EFFECT
NUCLEAR PHYSICS
OPACITY
OPTICAL PROPERTIES
OPTICAL REFLECTION
PAIR PRODUCTION
PHOTODECOMPOSITION
PHOTODISSOCIATION
PHOTON ABSORPTIOMETRY
PHOTOPRODUCTION
RADAR ABSORBERS
RADAR ATTENUATION
RADIATION SHIELDING
RADIO ATTENUATION
REFLECTION
RESONANT FREQUENCIES
SIGNAL FADING
SOLAR ENERGY ABSORBERS
TOWNSEND AVALANCHE
TRANSMISSION
TRANSMITTANCE
TRANSPARENCY
WAVE ATTENUATION
WAVE PROPAGATION

ELECTROMAGNETIC ACCELERATION

RT ACCELERATION
∞ ELECTROMAGNETIC INTERACTIONS
MAGNETIC FIELDS
PARTICLE ACCELERATION
PLASMA ACCELERATORS

ELECTROMAGNETIC COMPATIBILITY

GS COMPATIBILITY
ELECTROMAGNETIC COMPATIBILITY
RT ATMOSPHERICS
CROSSTALK
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
∞ INTERFERENCE
NOISE SPECTRA
RADIO FREQUENCY INTERFERENCE

ELECTROMAGNETIC CONTROL

USE ELECTROMAGNETS
REMOTE CONTROL

ELECTROMAGNETIC DEDUCTION

USE MAGNETIC INDUCTION

ELECTROMAGNETIC ENVIRONMENT EXPERIMENT

GS PAYLOADS
SPACE SHUTTLE PAYLOADS

ELECTROMAGNETIC ENVIRONMENT-(CONT)
ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT**ELECTROMAGNETIC FIELDS**

GS **ELECTROMAGNETIC FIELDS**
FAR FIELDS
NEAR FIELDS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

RT ABRIKOSOV THEORY
BIOMAGNETISM
BLACKOUT (PROPAGATION)
ELECTROKINETICS
ELECTROMAGNETISM
ELECTROMECHANICS
EXTERNAL SURFACE CURRENTS
FIELD STRENGTH
FIELD THEORY (PHYSICS)
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
QUANTUM ELECTRODYNAMICS
RECIPROCITY THEOREM
SOLAR MAGNETIC FIELD
SOMMERFELD APPROXIMATION
STELLAR MAGNETIC FIELDS
UNIFIED FIELD THEORY
WHISTLERS
YANG MILLS FIELDS

ELECTROMAGNETIC HAMMERS

GS **HAMMERS**
ELECTROMAGNETIC HAMMERS

RT FORMING TECHNIQUES
MAGNETIC COILS
MAGNETIC FORMING
METAL WORKING

ELECTROMAGNETIC INTERACTIONS

GS **ELECTROMAGNETIC INTERACTIONS**
PLASMA-ELECTROMAGNETIC
INTERACTION
LASER PLASMA INTERACTIONS

RT BIOMAGNETISM
ELECTRODYNAMICS
ELECTROMAGNETIC ACCELERATION
ELECTROSTATICS
ELEMENTARY PARTICLE INTERACTIONS
FEYNMAN DIAGRAMS

∞ INTERACTIONS
MESON-MESON INTERACTIONS
PLASMA INTERACTIONS
PLASMA RESONANCE
PLASMA-PARTICLE INTERACTIONS
QUANTUM MECHANICS
UNIFIED FIELD THEORY
WAVE INTERACTION

ELECTROMAGNETIC INTERFERENCE

GS **ELECTROMAGNETIC INTERFERENCE**
CROSSTALK
IONOSPHERIC CROSS MODULATION
JAMMING
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
COSMIC NOISE
IONOSPHERIC NOISE
WHISTLERS
SHOT NOISE
WHITE NOISE
THERMAL NOISE
IONOSPHERIC CROSS MODULATION
POLAR RADIO BLACKOUT
CHIRP

RT ∞ DISTURBANCES
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
ENVIRONMENTS
FEEDBACK
GROUND EFFECT (COMMUNICATIONS)
∞ INTERFERENCE
INTERFERENCE IMMUNITY
NOISE REDUCTION
SCATHA SATELLITE
SIGNAL TO NOISE RATIOS

ELECTROMAGNETIC INTERFERENCE-(CONT)
SYSTEM GENERATED
ELECTROMAGNETIC PULSES**ELECTROMAGNETIC MEASUREMENT**

SN (MEASUREMENT OF ELECTROMAGNETIC
PROPERTIES, QUANTITIES OR
CONDITIONS)

GS **ELECTROMAGNETIC MEASUREMENT**
ELECTROMAGNETIC NOISE
MEASUREMENT

RT BARKHAUSEN EFFECT
EARTH TERMINAL MEASUREMENT
SYSTEM
ELECTRICAL MEASUREMENT
ELECTROMAGNETISM
INFRARED DETECTORS
MAGNETIC MEASUREMENT
MAGNETIC TRANSDUCERS
∞ MEASUREMENT

ELECTROMAGNETIC NOISE

UF RADIATION NOISE
RADIO FREQUENCY NOISE

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
COSMIC NOISE
IONOSPHERIC NOISE
WHISTLERS
SHOT NOISE
WHITE NOISE
THERMAL NOISE

RT BACKGROUND NOISE
BACKGROUND RADIATION
CHANNEL NOISE
CHIRP SIGNALS
EXTRATERRESTRIAL RADIATION
GROUND EFFECT (COMMUNICATIONS)
MICROWAVES
MILLIMETER WAVES
∞ NOISE
NOISE GENERATORS
NOISE INTENSITY
NOISE REDUCTION
NOISE SPECTRA
NOISE STORMS
NOISE TEMPERATURE
RADAR RECEIVERS
∞ RADIATION
RADIO RECEIVERS
RADIO SPECTRA
RADIO WAVES
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SOLAR RADIO EMISSION
SQUELCH CIRCUITS
SUBMILLIMETER WAVES

ELECTROMAGNETIC NOISE MEASUREMENT

GS **ELECTROMAGNETIC MEASUREMENT**
ELECTROMAGNETIC NOISE
MEASUREMENT

RT COSMIC NOISE
∞ MEASUREMENT
THERMAL NOISE
WHITE NOISE

ELECTROMAGNETIC PROPAGATION

USE ELECTROMAGNETIC WAVE
TRANSMISSION

ELECTROMAGNETIC PROPERTIES

GS **ELECTROMAGNETIC PROPERTIES**
ABSORPTANCE
ELECTRICAL PROPERTIES
ANTIFERROELECTRICITY
CAPACITANCE
CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
DIELECTRIC PROPERTIES
PERMITTIVITY
FERROELECTRICITY
INDUCTANCE
PROXIMITY EFFECT (ELECTRICITY)
PHOTOCONDUCTIVITY

ELECTROMAGNETIC PROPERTIES-(CONT)

PHOTOVOLTAIC EFFECT
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
OPTICAL PROPERTIES
ABSORPTIVITY
BIREFRINGENCE
BRIGHTNESS
SOLAR GRANULATION
BRIGHTNESS DISTRIBUTION
COLOR
IRIDESCENCE
WATER COLOR
DICHROISM
LUMINOSITY
STELLAR LUMINOSITY
OPACITY
OPTICAL BISTABILITY
OPTICAL REFLECTION
PHOSPHORESCENCE
PHOTOCONDUCTIVITY
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
PHOTOELECTRIC EMISSION
PHOTOVISCOELASTICITY
PHOTOVOLTAIC EFFECT
RADIANCE
REFLECTANCE
REFRACTIVITY
SKY BRIGHTNESS
STIGMATISM
TRANSLUCENCE
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCY
TURBIDITY
PHOTOELASTICITY
PHOTOVISCOELASTICITY

RT CARRIER MOBILITY
CLARITY
GAMMA RAY ABSORPTION
MAGNETIC PROPERTIES
∞ PHYSICAL PROPERTIES
∞ PROPERTIES
SPECTRAL REFLECTANCE

ELECTROMAGNETIC PROPULSION

GS **PROPULSION**
ELECTRIC PROPULSION
ELECTROMAGNETIC PROPULSION
LOW THRUST PROPULSION
ELECTROMAGNETIC PROPULSION
SPACECRAFT PROPULSION
ELECTROMAGNETIC PROPULSION
MASS DRIVERS (PAYLOAD
DELIVERY)

RT ELECTROSTATIC PROPULSION
ION PROPULSION
PHOTONIC PROPULSION
PLASMA PROPULSION

ELECTROMAGNETIC PULSES

GS **ELECTROMAGNETIC RADIATION**
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSED RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSES
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

RT ELECTRIC PULSES
EXTERNAL SURFACE CURRENTS
PICOSECOND PULSES
PULSE COMMUNICATION
PULSE MODULATION
PULSE RADAR
RADAR TRANSMISSION

ELECTROMAGNETIC PUMPS

SN (ENCOMPASSES DEVICES FOR
MATERIALS HANDLING ONLY--EXCLUDES
OPTICAL AND PARTICLE ENERGIZING
DEVICES)

GS **PUMPS**
ELECTROMAGNETIC PUMPS

RT FUEL PUMPS

ELECTROMAGNETIC RADIATION

ELECTROMAGNETIC RADIATION

UF ELECTROMAGNETIC WAVES
WAVE RADIATION
GS **ELECTROMAGNETIC RADIATION**
BLACK BODY RADIATION
BREMSSTRAHLUNG
CERENKOV RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
COMET TAILS
CYCLOTRON RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
ELECTROMAGNETIC SURFACE WAVES
GAMMA RAY BEAMS
GAMMA RAYS
GAMMA RAY BURSTS
H WAVES
INFRARED RADIATION
FAR INFRARED RADIATION
NEAR INFRARED RADIATION
KILOMETRIC WAVES
LIGHT (VISIBLE RADIATION)
COHERENT LIGHT
GEGENSCHEN
LIGHT BEAMS
POLARIZED LIGHT
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
SUNLIGHT
ZODIACAL LIGHT
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
NONEQUILIBRIUM RADIATION
PHOTON BEAMS
LIGHT BEAMS
PLANETARY RADIATION
PLASMONS
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZED LIGHT
SYNCHROTRON RADIATION
RADIO WAVES
DECAMETRIC WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
LONG WAVE RADIATION
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
DECIMETER WAVES
MICROWAVE EMISSION
MILLIMETER WAVES
SUBMILLIMETER WAVES
SKY WAVES
SOMMERFELD WAVES
TERRESTRIAL RADIATION
THERMAL RADIATION
PHONON BEAMS
TROPOSPHERIC RADIATION
ULTRAVIOLET RADIATION
EXTREME ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION

ELECTROMAGNETIC RADIATION-(CONT)

LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
NEAR ULTRAVIOLET RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
RT AEROSPACE ENVIRONMENTS
ANTENNAS
ATMOSPHERIC RADIATION
ATMOSPHERIC REFRACTION
BACKWARD WAVES
BEAMS (RADIATION)
CN EMISSION
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
CYLINDRICAL WAVES
DIFFRACTION
DOPPLER EFFECT
DUOCHROMATORS
ELECTROACOUSTIC WAVES
ELECTROMAGNETISM
EXTRATERRESTRIAL RADIATION
FAR FIELDS
FLUX (RATE)
FLUX DENSITY
GALACTIC RADIATION
GAMMA RAY ABSORPTION
GAMMA RAY TELESCOPES
GAUGE INVARIANCE
GLARE
HARMONIC RADIATION
INCIDENT RADIATION
INCOHERENT SCATTERING
INTERSTELLAR RADIATION
IONIZING RADIATION
KERR ELECTROOPTICAL EFFECT
LIGHT EMISSION
MAGNETO-OPTICS
NEAR FIELDS
NONLINEAR OPTICS
NUCLEAR RADIATION
PHASE VELOCITY
PHOTONS
PLANCKS CONSTANT
POLARIZED RADIATION
POYNTING THEOREM
∞ PROPAGATION
PROPAGATION VELOCITY
PULSED RADIATION
RADAR
∞ RADIATION
RADIATION CHEMISTRY
RADIATION DISTRIBUTION
RADIATION HAZARDS
RADIATION LAWS
RADIATION PRESSURE
RADIATION SOURCES
RADIATIVE TRANSFER
∞ RAYS
REFLECTED WAVES
REFLECTION
REFRACTED WAVES
RONCHI TEST
SCATTERING
SINE WAVES
SOLAR RADIATION
SOLITARY WAVES
SPECTRAL EMISSION
SPECTRAL ENERGY DISTRIBUTION
SPHERICAL WAVES
SPONTANEOUS EMISSION
STEFAN-BOLTZMANN LAW
STELLAR RADIATION
STRATOSPHERE RADIATION
TELECOMMUNICATION
THOMSON SCATTERING
TRANSMISSION
TRANSVERSE WAVES
TRAVELING WAVES
ULTRAVIOLET ASTRONOMY
VLF EMISSION RECORDERS
WAVE AMPLIFICATION
WAVE DISPERSION
WAVE GENERATION
∞ WAVES
WHITE HOLES (ASTRONOMY)

ELECTROMAGNETIC SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
IONOSPHERIC F-SCATTER
PROPAGATION

NASA THESAURUS (VOLUME 1)

ELECTROMAGNETIC SCATTERING-(CONT)

LIGHT SCATTERING
HALOS
MICROWAVE SCATTERING
MIE SCATTERING
RAYLEIGH SCATTERING
RAMAN SPECTRA
THOMSON SCATTERING
X RAY SCATTERING
RT ATMOSPHERIC ATTENUATION
ATMOSPHERIC SCATTERING
MAGNETIC DISPERSION
RECIPROCITY THEOREM

ELECTROMAGNETIC SHIELDING

GS SHIELDING
ELECTROMAGNETIC SHIELDING
RADIO FREQUENCY SHIELDING
RT MAGNETIC SHIELDING
RADIATION SHIELDING

ELECTROMAGNETIC SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
INFRARED SPECTRA
LINE SPECTRA
BALMER SERIES
D LINES
ELECTRONIC SPECTRA
FRAUNHOFER LINES
H LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
K LINES
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES
TELLURIC LINES
RADIO SPECTRA
MICROWAVE SPECTRA
RAMAN SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
UBV SPECTRA
ULTRAVIOLET SPECTRA
VIBRATIONAL SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
ELECTRONIC WARFARE
EMISSION SPECTRA
ENERGY SPECTRA
LIGHT (VISIBLE RADIATION)
MOLECULAR SPECTRA
NOISE SPECTRA
SPECTRAL CORRELATION
SPECTRAL RECONNAISSANCE

ELECTROMAGNETIC SURFACE WAVES

GS ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC SURFACE WAVES
SURFACE WAVES
ELECTROMAGNETIC SURFACE WAVES
RT DIELECTRICS
PROPAGATION MODES
RADIO WAVES
∞ SURFACES
WAVEGUIDES
∞ WAVES

ELECTROMAGNETIC WAVE FILTERS

GS **ELECTROMAGNETIC WAVE FILTERS**
BANDPASS FILTERS
CRYSTAL FILTERS
TRACKING FILTERS
ELECTRIC FILTERS
BANDSTOP FILTERS
CRYSTAL FILTERS
DIGITAL FILTERS
FIR FILTERS
MICROWAVE FILTERS
RADAR FILTERS
RADIO FILTERS
TRACKING FILTERS
WAVEGUIDE FILTERS
MATCHED FILTERS
OPTICAL FILTERS
BIREFRINGENT FILTERS
INFRARED FILTERS
ULTRAVIOLET FILTERS
RT ABSORBERS (MATERIALS)

NASA THESAURUS (VOLUME 1)

ELECTROMAGNETIC WAVE FILTERS-(CONT)

ADAPTIVE FILTERS
ATTENUATORS
CORRELATION DETECTION
∞ FILTERS
HIGH PASS FILTERS
LINEAR FILTERS
LOW PASS FILTERS
NONLINEAR FILTERS
SCREEN EFFECT

ELECTROMAGNETIC WAVE TRANSMISSION

UF ELECTROMAGNETIC PROPAGATION
GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
LIGHT SCATTERING
HALOS
RADAR TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SPREAD SPECTRUM TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSORIZON RADIO
PROPAGATION
SCATTER PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
TELEVISION TRANSMISSION
RT ATMOSPHERIC ATTENUATION
ATTENUATION
FERMAT PRINCIPLE
INCOHERENT SCATTERING
LOSSY MEDIA
MAGNETOIONICS
PLASMA DECAY
PLASMA GUIDES
RADAR ATTENUATION
RADIO ATTENUATION
RADOME MATERIALS
SCREEN EFFECT
TRANSMISSION EFFICIENCY
WAVE PROPAGATION

ELECTROMAGNETIC WAVES

USE ELECTROMAGNETIC RADIATION

ELECTROMAGNETICS

USE ELECTROMAGNETISM

ELECTROMAGNETISM

UF ELECTROMAGNETICS
GS ELECTROMAGNETISM
MAGNETOSTATICS
RT BARKHAUSEN EFFECT
ELECTRIC FIELDS
ELECTRICITY
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC MEASUREMENT
ELECTROMAGNETIC RADIATION
ELECTROMAGNETS
ELECTROPHYSICS
MAGNET COILS
MAGNETIC COILS
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
MAGNETIC PROPERTIES
MAGNETORESISTIVITY
UNIFIED FIELD THEORY

ELECTROMAGNETS

UF ELECTROMAGNETIC CONTROL
GS MAGNETS
ELECTROMAGNETS
HIGH FIELD MAGNETS
SUPERCONDUCTING MAGNETS
RT ELECTROMAGNETISM
FIELD COILS
MAGNET COILS
RACETRACKS (PARTICLE
ACCELERATORS)
SOLENOIDS

ELECTROMECHANICAL DEVICES

RT ∞ ELECTRIC EQUIPMENT

ELECTROMECHANICAL DEVICES-(CONT)

ELECTRODYNAMICS
ELECTROMECHANICS
∞ EQUIPMENT
HOMOPOLAR GENERATORS

ELECTROMECHANICS

GS ELECTRODYNAMICS
ELECTROMECHANICS
RT CIRCUITS
ELECTRIC FIELDS
ELECTROKINETICS
ELECTROMAGNETIC FIELDS
ELECTROMECHANICAL DEVICES
ELECTROSTATICS
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
MAXWELL EQUATION
∞ MECHANICS (PHYSICS)

ELECTROMETERS

GS MEASURING INSTRUMENTS
ELECTROMETERS
RT ELECTRIC CHARGE
ELECTRICAL MEASUREMENT
ELECTRON COUNTERS
GALVANOMETERS
POTENTIOMETERS (INSTRUMENTS)
VOLTMETERS
WATTMETERS

ELECTROMIGRATION

RT ELECTRICAL RESISTIVITY
ELECTRON MOBILITY
HOLE MOBILITY
IONIC MOBILITY
POLARIZATION (CHARGE SEPARATION)
THERMOMIGRATION

ELECTROMOTIVE FORCES

GS ELECTROMOTIVE FORCES
PONDEROMOTIVE FORCES
RT ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POTENTIAL
OHMS LAW
OPEN CIRCUIT VOLTAGE

ELECTROMYOGRAMS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHY

UF ELECTROMYOGRAMS
ELECTROMYOGRAPHS
GS BIOENGINEERING
BIOMETRICS
ELECTROMYOGRAPHY
RT ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS
MYOELECTRICITY

ELECTRON ACCELERATION

GS RATES (PER TIME)
ACCELERATION (PHYSICS)
ELECTRON ACCELERATION
RT ∞ ACCELERATION
COSMIC RAYS
ELECTRONS
EXTRATERRESTRIAL RADIATION
PARTICLE BEAMS
SOLAR COSMIC RAYS

ELECTRON ACCELERATORS

GS PARTICLE ACCELERATORS
ELECTRON ACCELERATORS
BETATRONS
RT ∞ ACCELERATORS
LINEAR ACCELERATORS
SYNCHROTRONS
VAN DE GRAAFF ACCELERATORS

ELECTRON ATTACHMENT

GS ELECTRON ATTACHMENT
NUCLEOPHILES
RT ∞ ATTACHMENT
GAS IONIZATION
IONIZATION

ELECTRON AVALANCHE

GS AVALANCHES
ELECTRON AVALANCHE

ELECTRON COUNTERS

ELECTRON AVALANCHE-(CONT)

RT CATT DEVICES
CHANNEL MULTIPLIERS
FREE ELECTRONS
GAS DISCHARGES
TOWNSEND AVALANCHE

ELECTRON BEAM WELDING

GS WELDING
ELECTRIC WELDING
ELECTRON BEAM WELDING
RT ARC WELDING
SPIKING

ELECTRON BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
PARTICLES
CORPUSCULAR RADIATION
ELECTRON RADIATION
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
RT BEAM INJECTION
BEAM NEUTRALIZATION
BEAM PLASMA AMPLIFIERS
BETA PARTICLES
BRILLOUIN FLOW
ELECTRON CYCLOTRON HEATING
IONIZING RADIATION
MAGNETIC LENSES
MONOSCOPES
PLASMA JETS
SCALLOPING

ELECTRON BOMBARDMENT

RT DEPOSITION
PARTICLE BEAMS
PLASMA JETS
RELATIVISTIC ELECTRON BEAMS
SPUTTERING

ELECTRON BUNCHING

GS BUNCHING
ELECTRON BUNCHING
RT CATCHERS
CONVECTION CURRENTS
KLYSTRONS
TRAVELING WAVE TUBES
VELOCITY MODULATION

ELECTRON CAPTURE

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
SPIN
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
RT CAPTURE EFFECT
MANY ELECTRON EFFECTS

ELECTRON CLOUDS

GS CLOUDS
ELECTRON CLOUDS
RT ORBITRONS
SPACE CHARGE

ELECTRON COLLISIONS

USE ELECTRON SCATTERING

ELECTRON COMPOUNDS

USE INTERMETALLICS

ELECTRON COUNTERS

UF ELECTRON DETECTORS
GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
ELECTRON COUNTERS
RADIATION MEASURING INSTRUMENTS

ELECTRON CYCLOTRON HEATING

ELECTRON COUNTERS-(*CONT*)

RADIATION COUNTERS
ELECTRON COUNTERS
RT ELECTROMETERS
IONIZATION CHAMBERS

ELECTRON CYCLOTRON HEATING

GS HEATING
PLASMA HEATING
ELECTRON CYCLOTRON HEATING
RT ELECTRON BEAMS
ELECTRON GUNS
KLYSTRONS
MAGNETIC PUMPING

ELECTRON DECAY RATE

GS RATES (PER TIME)
DECAY RATES
ELECTRON DECAY RATE
RT MUONS
SECONDARY COSMIC RAYS

ELECTRON DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY (CONCENTRATION)
CARRIER DENSITY (SOLID STATE)
ELECTRON DENSITY PROFILES
IONOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ELECTRON DENSITY
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATOM CONCENTRATION
FREE ELECTRONS
ION DENSITY (CONCENTRATION)
PLASMA DENSITY
PLASMA FREQUENCIES
RADIATION BELTS
SEMICONDUCTORS (MATERIALS)
SPACE DENSITY

ELECTRON DENSITY PROFILES

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY (CONCENTRATION)
ELECTRON DENSITY PROFILES
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
DISTRIBUTION (PROPERTY)
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
GRADIENTS
ELECTRON DENSITY PROFILES
RT ANGULAR DISTRIBUTION
ATMOSPHERIC ELECTRICITY
ATMOSPHERIC IONIZATION

ELECTRON DETECTORS

USE ELECTRON COUNTERS

ELECTRON DIFFRACTION

GS DIFFRACTION
ELECTRON DIFFRACTION
RT BRAGG ANGLE
X RAY DIFFRACTION

ELECTRON DIFFUSION

GS DIFFUSION
PARTICLE DIFFUSION
ELECTRON DIFFUSION
RT AMBIPOLAR DIFFUSION
DIFFUSION WAVES
GASEOUS SELF-DIFFUSION
IONIC DIFFUSION
PLASMA DIFFUSION
THERMAL DIFFUSION

ELECTRON DISTRIBUTION

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
DISTRIBUTION (PROPERTY)
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
RT CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
THOMAS-FERMI MODEL
VERTICAL DISTRIBUTION

ELECTRON EMISSION

GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
PHOTOELECTRIC EMISSION
SECONDARY EMISSION
RT CATHODES
ELECTRIC DISCHARGES
EMITTERS
PAIR PRODUCTION
PHOTOELECTRIC MATERIALS
PHOTOELECTRON SPECTROSCOPY
PHOTOELECTRONS
PHOTOIONIZATION
PHOTOVOLTAIC EFFECT
RADIO FREQUENCY DISCHARGE
SELF SUSTAINED EMISSION
STIMULATED EMISSION
THERMAL EMISSION
THERMIONIC EMISSION
THERMIONICS
WORK FUNCTIONS

ELECTRON ENERGY

UF ELECTRON TEMPERATURE
ELECTRONIC LEVELS
GS PARTICLE ENERGY
ELECTRON ENERGY
ELECTRON STATES
RT ACTIVATION ENERGY
ELECTROSTATIC PROBES
 ∞ ENERGY
FORBIDDEN BANDS
HARTREE-FOCK-SLATER METHOD
INTERFACIAL ENERGY
IONOSPHERIC TEMPERATURE
KINETIC ENERGY
NOISE TEMPERATURE
PLASMAS (PHYSICS)
PROTON ENERGY
SPACE TEMPERATURE
SURFACE ENERGY
TEMPERATURE

ELECTRON FLUX

USE ELECTRONS
FLUX (RATE)

ELECTRON FLUX DENSITY

SN (ELECTRON EMISSION OR DETECTION
RATE PER UNIT AREA)
UF ELECTRON INTENSITY
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
RT IRRADIANCE
RADIANCY
SOLAR FLUX DENSITY

ELECTRON GAS

RT COSMIC GASES
ELECTROHYDRODYNAMICS
FREE ELECTRONS
IONIZED GASES
PLASMONS
RAREFIED GASES
SCREEN EFFECT
SUPERCONDUCTORS

ELECTRON GUNS

RT CATHODE RAY TUBES
CROSSED FIELD GUNS
ELECTRON CYCLOTRON HEATING
FLYING SPOT SCANNERS
 ∞ GUNS
MAGNETIC LENSES
PARTICLE ACCELERATORS
PLASMA GUNS
TUBE ANODES
TUBE CATHODES
TUBE GRIDS

ELECTRON IMPACT

GS IMPACT
ELECTRON IMPACT
RT ION IMPACT
POINT IMPACT
PROTON IMPACT

ELECTRON INTENSITY

USE ELECTRON FLUX DENSITY

NASA THESAURUS (VOLUME 1)

ELECTRON INTERACTIONS

USE ELECTRON SCATTERING

ELECTRON IONIZATION

USE IONIZATION

ELECTRON IRRADIATION

GS IRRADIATION
ELECTRON IRRADIATION
RT AURORAL IRRADIATION
ION IRRADIATION
SECONDARY EMISSION

ELECTRON MASS

GS MASS
PARTICLE MASS
ELECTRON MASS
RT ELECTRONS

ELECTRON MICROSCOPES

GS MICROSCOPES
ELECTRON MICROSCOPES
RT FIELD EMISSION
ION MICROSCOPES
MAGNETIC LENSES
MICROANALYSIS
OPTICAL MICROSCOPES
PHOTOMICROGRAPHY
REPLICAS

ELECTRON MICROSCOPY

GS MICROSCOPY
ELECTRON MICROSCOPY
RT FIELD EMISSION
ION MICROSCOPES
MAGNETIC LENSES
MICROANALYSIS
PHASE CONTRAST

ELECTRON MOBILITY

GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
CARRIER MOBILITY
ELECTRON MOBILITY
MOBILITY
CARRIER MOBILITY
ELECTRON MOBILITY
TRANSPORT PROPERTIES
CARRIER MOBILITY
ELECTRON MOBILITY
RT AMBIPOLAR DIFFUSION
ATOMIC MOBILITIES
CHARGE CARRIERS
ELECTROHYDRODYNAMICS
ELECTROMIGRATION
HIGH ELECTRON MOBILITY
TRANSISTORS
HOLE MOBILITY
MAJORITY CARRIERS
MINORITY CARRIERS
NDM SEMICONDUCTOR DEVICES
SEMICONDUCTOR PLASMAS
 ∞ SOLID STATE PHYSICS
SQUARE WELLS

ELECTRON MULTIPLIERS

USE PHOTOMULTIPLIER TUBES

ELECTRON OPTICS

RT BEAM SWITCHING
BRILLOUIN FLOW
CATHODE RAY TUBES
ELECTRO-OPTICS
FLYING SPOT SCANNERS
 ∞ OPTICS
PARTICLE TRAJECTORIES
STEERING

ELECTRON ORBITALS

GS ORBITALS
ELECTRON ORBITALS
RT EXCIMERS

ELECTRON OSCILLATIONS

GS OSCILLATIONS
ELECTRON OSCILLATIONS
RT OSCILLATOR STRENGTHS
PLASMA OSCILLATIONS
TRANSIENT OSCILLATIONS

ELECTRON PARAMAGNETIC RESONANCE

UF ELECTRON SPIN RESONANCE
GS RESONANCE
MAGNETIC RESONANCE

ELECTRON PARAMAGNETIC-(CONT)
 PARAMAGNETIC RESONANCE
**ELECTRON PARAMAGNETIC
 RESONANCE**
 RT JAHN-TELLER EFFECT

ELECTRON PATHS
 USE ELECTRON TRAJECTORIES

ELECTRON PHONON INTERACTIONS
 RT ∞ INTERACTIONS
 PARTICLE INTERACTIONS
 PLASMA-PARTICLE INTERACTIONS
 POLARONS
 SUPERCONDUCTIVITY
 THERMODYNAMIC COUPLING

ELECTRON PHOTOGRAPHY
 GS IMAGERY
ELECTRON PHOTOGRAPHY
 PHOTOGRAPHY
ELECTRON PHOTOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY

ELECTRON PHOTON CASCADES
 RT BREMSSTRAHLUNG
 ∞ CASCADES
 COSMIC RAY SHOWERS
 PAIR PRODUCTION
 SECONDARY COSMIC RAYS

ELECTRON PLASMA
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
ELECTRON PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
ELECTRON PLASMA
 RT HELIUM PLASMA
 HIGH TEMPERATURE PLASMAS
 LANDAU DAMPING
 METALLIC PLASMAS
 PLASMA WAVES
 PLASMA-PARTICLE INTERACTIONS
 RAREFIED PLASMAS
 RELATIVISTIC PLASMAS
 THERMAL PLASMAS

ELECTRON PRECIPITATION
 GS PARTICLE PRECIPITATION
ELECTRON PRECIPITATION
 PARTICLES
 CORPUSCULAR RADIATION
ELECTRON PRECIPITATION
 RT AURORAS
 ∞ PRECIPITATION
 PROTON PRECIPITATION
 RADIATION BELTS
 SECONDARY COSMIC RAYS
 TRAPPED PARTICLES

ELECTRON PRESSURE
 GS PRESSURE
 RADIATION PRESSURE
ELECTRON PRESSURE

ELECTRON PROBES
 GS MEASURING INSTRUMENTS
ELECTRON PROBES
 RT CHEMICAL ANALYSIS
 IRRADIATION
 MICROWAVE PLASMA PROBES
 SPECTROMETERS

ELECTRON PUMPING
 RT ENERGY TRANSFER
 EXCIMER LASERS
 GAS LASERS
 LASERS
 NUCLEAR PUMPING
 NUCLEAR RADIATION
 OPTICAL PUMPING
 POPULATION INVERSION
 ∞ PUMPING
 STIMULATED EMISSION
 STIMULATED EMISSION DEVICES

ELECTRON RADIATION
 SN (RADIATION CONSISTING OF
 ELECTRONS-- EXCLUDES
 ELECTROMAGNETIC RADIATION)

ELECTRON RADIATION-(CONT)
 GS PARTICLES
 CORPUSCULAR RADIATION
ELECTRON RADIATION
 BETA PARTICLES
 ELECTRON BEAMS
 RELATIVISTIC ELECTRON BEAMS
 RT BREMSSTRAHLUNG
 NUCLEAR RADIATION
 PLASMA RADIATION
 PROTON IRRADIATION
 ∞ RADIATION
 RADIATION EFFECTS

ELECTRON RECOMBINATION
 GS RECOMBINATION REACTIONS
ELECTRON RECOMBINATION
 RADIATIVE RECOMBINATION
 RT ION RECOMBINATION
 NEUTRAL PARTICLES

ELECTRON RING ACCELERATORS
 USE STORAGE RINGS (PARTICLE
 ACCELERATORS)

ELECTRON RUNAWAY (PLASMA PHYSICS)
 GS SCATTERING
 ELECTRON SCATTERING
**ELECTRON RUNAWAY (PLASMA
 PHYSICS)**
 RT COLLISIONAL PLASMAS
 HIGH ACCELERATION
 PLASMA PHYSICS
 SCATTERING CROSS SECTIONS

ELECTRON SCATTERING
 UF ELECTRON COLLISIONS
 ELECTRON INTERACTIONS
 GS NUCLEAR REACTIONS
ELECTRON SCATTERING
 SCATTERING
ELECTRON SCATTERING
 CONFIGURATION INTERACTION
 ELECTRON RUNAWAY (PLASMA
 PHYSICS)
 RT ATOMIC COLLISIONS
 DENSE PLASMAS
 ELASTIC SCATTERING
 INELASTIC SCATTERING
 ION SCATTERING
 MANY ELECTRON EFFECTS
 NUCLEAR SCATTERING
 PARTICLE INTERACTIONS
 PHOTON-ELECTRON INTERACTION
 RAMSAUER EFFECT
 RECOIL IONS
 RELATIVISTIC ELECTRON BEAMS
 UMKLAPP PROCESS

ELECTRON SOURCES
 RT ∞ ENERGY SOURCES
 ION SOURCES
 ∞ POWER SUPPLIES
 RADIATION SOURCES
 ∞ SOURCES

ELECTRON SPECTROSCOPY
 GS SPECTROSCOPY
ELECTRON SPECTROSCOPY
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 INFRARED SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 OPTICAL EMISSION SPECTROSCOPY
 X RAY ABSORPTION

ELECTRON SPIN
 GS SPIN
 PARTICLE SPIN
ELECTRON SPIN
 RT ANGULAR MOMENTUM
 NUCLEAR SPIN
 SPIN DYNAMICS

ELECTRON SPIN RESONANCE
 USE ELECTRON PARAMAGNETIC RESONANCE

ELECTRON STATES
 GS LEVEL (QUANTITY)
 ENERGY LEVELS
ELECTRON STATES
 PARTICLE ENERGY
 ELECTRON ENERGY
ELECTRON STATES

ELECTRON STATES-(CONT)
 RT EXCIMERS
 EXCITATION
 GROUND STATE
 MANY ELECTRON EFFECTS
 NOISE TEMPERATURE

ELECTRON SWEEPING
 USE SWEEP FREQUENCY

ELECTRON TELESCOPES
 USE PARTICLE TELESCOPES

ELECTRON TEMPERATURE
 USE ELECTRON ENERGY

ELECTRON TRAJECTORIES
 UF ELECTRON PATHS
 GS TRAJECTORIES
 PARTICLE TRAJECTORIES
ELECTRON TRAJECTORIES
 RT DIFFRACTION PATHS
 MAGNETIC RIGIDITY
 RADIATION BELTS

ELECTRON TRANSFER
 RT BACKWARD WAVE TUBES
 CHARGE EXCHANGE
 CHARGE TRANSFER
 OXIDATION
 TRANSFERRED ELECTRON DEVICES
 TRANSFERRING

ELECTRON TRANSITIONS
 RT ATOMIC THEORY
 AUGER EFFECT
 AUGER SPECTROSCOPY
 BALMER SERIES
 BAND STRUCTURE OF SOLIDS
 BOHR THEORY
 CONDUCTION BANDS
 EXCIMERS
 EXCITATION
 FORBIDDEN TRANSITIONS
 FRANCK-CONDON PRINCIPLE
 JAHN-TELLER EFFECT
 LASING
 MANY ELECTRON EFFECTS
 NUCLEAR CAPTURE
 OPTICAL TRANSITION
 OSCILLATOR STRENGTHS
 PASCHEN SERIES
 RYDBERG SERIES
 ∞ TRANSITION
 TRANSITION PROBABILITIES
 X RAY LASERS
 XENON CHLORIDE LASERS
 XENON FLUORIDE LASERS

ELECTRON TUBES
 GS **ELECTRON TUBES**
 CAMERA TUBES
 IMAGE DISSECTOR TUBES
 ORTHICONS
 IMAGE ORTHICONS
 VIDICONS
 RETURN BEAM VIDICONS
 THERMIONS
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
 CATHODE RAY TUBES
 PICTURE TUBES
 GAS DISCHARGE TUBES
 IGNITRONS
 THYRATRONS
 MICROWAVE TUBES
 KLYSTRONS
 MAGNETRONS
 NIGOTRONS
 MICROWAVE OSCILLATORS
 PLANOTRONS
 CARCINOTRONS
 CELESCOPES
 HELITRONS
 IGNITRONS
 THERMIONS
 THERMIONIC DIODES
 THYRATRONS
 TRAVELING WAVE TUBES
 CARCINOTRONS
 HELITRONS
 RT CAVITY RESONATORS
 CIRCUITS
 CROSSED FIELD AMPLIFIERS
 DIODES

ELECTRON TUNNELING

ELECTRON TUBES-(CONT)

FIBER OPTICS
∞ HEATERS
MODULATORS
ORBITRONS
OSCILLATORS
PENTODES
RECTIFIERS
RESONATORS
TETRODES
TRIODES
TUBE GRIDS
∞ TUBES
TUNNEL CATHODES
VELOCITY MODULATION
X RAY TUBES

ELECTRON TUNNELING

UF TUNNEL RESISTORS
RT ENERGY LEVELS
MIM DIODES
SEMICONDUCTORS (MATERIALS)
SUPERCONDUCTIVITY
TUNNEL DIODES
∞ TUNNELING

ELECTRON-HOLE DROPS

RT CARRIER DENSITY (SOLID STATE)
LUMINESCENCE
MAGNETIC FIELDS
OPTICAL PUMPING
PHASE TRANSFORMATIONS
PLASMA DENSITY
PLASMA EQUILIBRIUM
SEMICONDUCTOR PLASMAS
SINGLE EVENT UPSETS

ELECTRON-ION RECOMBINATION

GS RECOMBINATION REACTIONS
ELECTRON-ION RECOMBINATION
RADIATIVE RECOMBINATION
RT ION RECOMBINATION
PLASMA CONTROL

ELECTRONARCOSIS

RT ELECTROANESTHESIA
ELECTROPHYSIOLOGY

ELECTRONIC AIRCRAFT

RT ∞ AIRCRAFT
AUTOMATIC CONTROL
ELECTRONIC COUNTERMEASURES

ELECTRONIC AMPLIFIERS

USE AMPLIFIERS

ELECTRONIC CONTROL

RT AUTOMATIC CONTROL
CASCADE CONTROL
∞ CONTROL
CONTROL EQUIPMENT
CONTROL SYSTEMS DESIGN
CONTROLLERS
CURRENT REGULATORS
ELECTRIC CONTROL
ELECTRIC SWITCHES
FEEDBACK CONTROL
HYDRAULIC CONTROL
PNEUMATIC CONTROL
REMOTE CONTROL
TERMINAL CONFIGURED VEHICLE
PROGRAM
VOLTAGE REGULATORS

ELECTRONIC COUNTERMEASURES

GS COUNTERMEASURES
ELECTRONIC COUNTERMEASURES
ANTIRADAR COATINGS
CHAFF
RT DECEPTION
ELECTROMAGNETIC COMPATIBILITY
ELECTROMAGNETIC INTERFERENCE
ELECTRONIC AIRCRAFT
ELECTRONIC WARFARE
JAMMING
OPTICAL COUNTERMEASURES
RADAR DETECTION
RADIO FREQUENCY INTERFERENCE

ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
DIODES
CESIUM DIODES
CRYSTAL RECTIFIERS

ELECTRONIC EQUIPMENT-(CONT)

PLASMA DIODES
SEMICONDUCTOR DIODES
AVALANCHE DIODES
BARRITT DIODES
GERMANIUM DIODES
GUNN DIODES
JUNCTION DIODES
LIGHT EMITTING DIODES
PARAMETRIC DIODES
PHOTODIODES
SCHOTTKY DIODES
TUNNEL DIODES
VARACTOR DIODES
ELECTRONIC FILTERS
ELECTRONIC MODULES
MICROMODULES
ELECTRONIC PACKAGING
ELECTRONIC RECORDING SYSTEMS
ELECTRONIC TRANSDUCERS
MINIATURE ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
CRYOTRONS
CRYSTAL RECTIFIERS
METAL-NITRIDE-OXIDE-SEMICONDUCTORS
MULTISPECTRAL LINEAR ARRAYS
SEMICONDUCTOR DEVICES
AVALANCHE DIODES
CRYOSAR
BARRITT DIODES
GERMANIUM DIODES
HETEROJUNCTION DEVICES
HIGH ELECTRON MOBILITY
TRANSISTORS
JUNCTION DIODES
MIM DIODES
STEP RECOVERY DIODES
LIGHT EMITTING DIODES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
CHARGE INJECTION DEVICES
CMOS
SOS (SEMICONDUCTORS)
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
NDM SEMICONDUCTOR DEVICES
NEURISTORS
PARAMETRIC DIODES
PHOTODIODES
PHOTOVOLTAIC CELLS
SCHOTTKY DIODES
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
THERMISTORS
THYRISTORS
SILICON CONTROLLED
RECTIFIERS
TRANSFERRED ELECTRON DEVICES
TRANSISTOR AMPLIFIERS
TRANSISTORS
BIPOLAR TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
HIGH ELECTRON MOBILITY
TRANSISTORS
JUNCTION TRANSISTORS
JFET
PHOTOTRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
TRAPATT DEVICES
VARACTOR DIODES
VARISTORS
SIS (SEMICONDUCTORS)
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
RUBY LASERS
YAG LASERS
SPACECRAFT ELECTRONIC EQUIPMENT
RT ANTENNA COMPONENTS
BUBBLE TECHNIQUE
∞ ELECTRIC EQUIPMENT
∞ ELECTRONICS
∞ EQUIPMENT
RADIATION HARDENING
SPHERICAL ANTENNAS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

ELECTRONIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRONIC
EQUIPMENT)

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ELECTRONIC EQUIPMENT TESTS-(CONT)

RT EARTH TERMINAL MEASUREMENT
SYSTEM
ELECTRIC EQUIPMENT TESTS
ELECTRICAL MEASUREMENT
ENVIRONMENTAL TESTS
NONDESTRUCTIVE TESTS
OSCILLOSCOPES
QUALITY CONTROL
RESONANCE TESTING
STABILITY TESTS
∞ TEST EQUIPMENT
∞ TESTS
VIBRATION TESTS

ELECTRONIC FILTERS

GS ELECTRONIC EQUIPMENT
ELECTRONIC FILTERS
RT ELECTRIC FILTERS
∞ FILTERS
FIR FILTERS

ELECTRONIC LEVELS

USE ELECTRON ENERGY
ENERGY LEVELS

ELECTRONIC MAIL

GS TELECOMMUNICATION
ELECTRONIC MAIL
RT COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTER NETWORKS
DATA TRANSMISSION

ELECTRONIC MODULES

GS ELECTRONIC EQUIPMENT
ELECTRONIC MODULES
MICROMODULES
MODULES
ELECTRONIC MODULES
MICROMODULES
RT HARDWARE
MINIATURE ELECTRONIC EQUIPMENT
MODULARITY
SUBMINIATURIZATION

ELECTRONIC PACKAGING

GS ELECTRONIC EQUIPMENT
ELECTRONIC PACKAGING
PACKAGING
RT ELECTRONIC PACKAGING
CIRCUIT BOARDS
DTL INTEGRATED CIRCUITS
ENCAPSULATING
HYBRID CIRCUITS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
LINEAR INTEGRATED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROMODULES
PRINTED CIRCUITS
THICK FILMS
TTL INTEGRATED CIRCUITS

ELECTRONIC PHOTOGRAPHY

USE ELECTRO-OPTICAL PHOTOGRAPHY

ELECTRONIC RECORDING SYSTEMS

GS ELECTRONIC EQUIPMENT
ELECTRONIC RECORDING SYSTEMS
RT RECORDING INSTRUMENTS
∞ SYSTEMS
TAPE RECORDERS

ELECTRONIC SIGNAL MEASUREMENT

USE SIGNAL MEASUREMENT

ELECTRONIC SPECTRA

SN (EMISSION OR ABSORPTION
MOLECULAR SPECTRA OF AN
ELECTRON TRANSITION)
SPECTRA
GS ENERGY SPECTRA
ELECTRONIC SPECTRA
MOLECULAR SPECTRA
ELECTRONIC SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
ELECTRONIC SPECTRA
RT ABSORPTION SPECTRA
EMISSION SPECTRA
LYMAN SPECTRA
SPECTRAL BANDS

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ELECTRONIC SPECTRA-(CONT)
VIBRATIONAL SPECTRA

ELECTRONIC STRUCTURE
USE ATOMIC STRUCTURE

ELECTRONIC SWITCHES
USE SWITCHING CIRCUITS

ELECTRONIC TRANSDUCERS
GS ELECTRONIC EQUIPMENT
ELECTRONIC TRANSDUCERS
TRANSDUCERS
ELECTRONIC TRANSDUCERS
RT MAGNETIC TRANSDUCERS
∞ SENSORS
ULTRASONIC WAVE TRANSDUCERS

ELECTRONIC WARFARE
GS MILITARY OPERATIONS
ELECTRONIC WARFARE
WARFARE
RT AIR DEFENSE
ANTIRADAR COATINGS
CHAFF
COMBAT
DECEPTION
ELECTROMAGNETIC COMPATIBILITY
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC SPECTRA
ELECTRONIC COUNTERMEASURES
EVASIVE ACTIONS
JAMMING
MISSILE DETECTION
PEACETIME
RADAR DETECTION
RADIO FREQUENCY INTERFERENCE
STRATEGY

∞ **ELECTRONICS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF PHOTOELECTRONICS
RT ASTRIONICS
AVIONICS
ELECTRICAL ENGINEERING
ELECTRICITY
ELECTRONIC EQUIPMENT
ELECTROPHYSICS
MEDICAL ELECTRONICS
MICROELECTRONICS
MOLECULAR ELECTRONICS
NUCLEONICS
QUANTUM ELECTRONICS
RADIO ELECTRONICS
THERMIONICS
TRANSISTOR CIRCUITS
VOLT-AMPERE CHARACTERISTICS

ELECTRONOGRAPHY
RT ELECTROPHYSIOLOGY
PRINTING

ELECTRONS
UF ELECTRON FLUX
NONRELATIVISTIC ELECTRONS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
HIGH ENERGY ELECTRONS
HOT ELECTRONS
N ELECTRONS
NEGATONS
PI-ELECTRONS
RT ACCEPTOR MATERIALS
BETA PARTICLES
BOHR MAGNETON
COSMIC RAYS
DONOR MATERIALS
ELECTRON ACCELERATION
ELECTRON MASS
EXCITONS
HOLES (ELECTRON DEFICIENCIES)
LEWIS BASE
MAJORITY CARRIERS
∞ MATERIALS
MINORITY CARRIERS
MUONIUM
N-TYPE SEMICONDUCTORS
NUCLEAR RADIATION
POMERANCHUK THEOREM

ELECTRONS-(CONT)
QUANTUM NUMBERS
RADIATION BELTS
SEMICONDUCTORS (MATERIALS)
SUHL EFFECT

ELECTRONYSTAGMOGRAPHY
GS EYE MOVEMENTS
ELECTRONYSTAGMOGRAPHY
PHYSIOLOGICAL TESTS
RT NYSTAGMUS
OPHTHALMOLOGY

ELECTROPHORESIS
RT BIOPROCESSING
COLLOIDS
ELECTRODEPOSITION
ELECTROPLATING
∞ MICROGRAVITY APPLICATIONS
PARTICLE MOTION

ELECTROPHOTOMETERS
UF PHOTOELECTRIC PHOTOMETERS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
RADIATION MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
RT ELECTROPHOTOMETRY

ELECTROPHOTOMETRY
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
ELECTROPHOTOMETRY
OPTICAL MEASUREMENT
PHOTOMETRY
RT COLORIMETRY
ELECTROPHOTOMETERS
ELECTROPHYSICS
∞ MATERIALS TESTS
MICROANALYSIS
PHOTOMETERS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS
SPECTROSCOPY

ELECTROPHYSICS
GS ELECTROPHYSICS
ELECTRO-OPTICS
MOLECULAR ELECTRONICS
RT ELECTROCHEMISTRY
ELECTROKINETICS
ELECTROMAGNETISM
∞ ELECTRONICS
ELECTROPHOTOMETRY
∞ PHYSICS
∞ SCIENCE
THEORETICAL PHYSICS

ELECTROPHYSIOLOGY
GS PHYSIOLOGY
ELECTROPHYSIOLOGY
RT BODY MEASUREMENT (BIOLOGY)
DEPOLARIZATION
ECHOENCEPHALOGRAPHY
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROMYOGRAPHY
ELECTRONARCOSIS
ELECTRONOGRAPHY
ELECTROPLETHYSMOGRAPHY
ELECTRORETINOGRAPHY
HIS BUNDLE
NERVOUS SYSTEM
NEUROLOGY
∞ SCIENCE

ELECTROPLATING
GS COATING
ELECTROPLATING
COATINGS
ELECTROPLATING
DEPOSITION
ELECTRODEPOSITION
ELECTROPLATING
PLATING

ELECTROSTATIC CHARGE

ELECTROPLATING-(CONT)
RT BATHS
CATHODIC COATINGS
CURRENT DENSITY
ELECTRODES
ELECTROFORMING
ELECTROLYSIS
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROPHORESIS
METALLIZING
NICKEL PLATE
PROTECTIVE COATINGS
SURFACE FINISHING

ELECTROPLETHYSMOGRAPHY
GS BIOENGINEERING
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)
ELECTROPLETHYSMOGRAPHY
PLETHYSMOGRAPHY
ELECTROPLETHYSMOGRAPHY
RT BLOOD CIRCULATION
ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS

ELECTROPOLISHING
UF ELECTROLYTIC POLISHING
GS METAL FINISHING
ELECTROPOLISHING
POLISHING
METAL POLISHING
ELECTROPOLISHING
RT ELECTROCHEMICAL MACHINING
METALLOGRAPHY
SURFACE FINISHING

ELECTROREFINING
GS REFINING
ELECTROREFINING
RT ELECTRODES
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROWINNING

ELECTRORETINOGRAPHY
GS BIOENGINEERING
BIOMETRICS
ELECTRORETINOGRAPHY
RT ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS
RETINA

ELECTROSEISMIC EFFECT
USE ELECTRIC CURRENT
SEISMIC WAVES

∞ **ELECTROSLAG PROCESS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ELECTROSLAG REFINING
ELECTROSLAG WELDING

ELECTROSLAG REFINING
GS REFINING
ELECTROSLAG REFINING
RT ARC MELTING
∞ ELECTROSLAG PROCESS
RESISTANCE HEATING

ELECTROSLAG WELDING
GS WELDING
ELECTRIC WELDING
ELECTROSLAG WELDING
RT ∞ ELECTROSLAG PROCESS

ELECTROSTATIC BONDING
RT COVERINGS
ENCAPSULATING
ENERGY TECHNOLOGY
GLASS
SOLAR ARRAYS
SOLAR CELLS

ELECTROSTATIC CHARGE
GS ELECTRIC CHARGE
ELECTROSTATIC CHARGE
RT CAPACITANCE
CHARGE DISTRIBUTION
∞ CHARGING
ELECTRIC DISCHARGES
ELECTRIC FIELDS

ELECTROSTATIC DRAG

ELECTROSTATIC CHARGE--(CONT)

ELECTROSTATICS
SCATHA SATELLITE
STATIC ELECTRICITY
XEROGRAPHY

ELECTROSTATIC DRAG

GS DYNAMIC CHARACTERISTICS
DRAG
ELECTROSTATIC DRAG
RT DRAG MEASUREMENT
SATELLITE DRAG

ELECTROSTATIC ENGINES

GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
RT ARC JET ENGINES
CESIUM ENGINES
ION ENGINES
MERCURY ION ENGINES
MICROROCKET ENGINES
RESTARTABLE ROCKET ENGINES
RIT ENGINES
SUSTAINER ROCKET ENGINES
VERNIER ENGINES

ELECTROSTATIC EROSION

USE SPARK MACHINING

ELECTROSTATIC FIELDS

USE ELECTRIC FIELDS

ELECTROSTATIC GENERATORS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
ELECTROSTATIC GENERATORS
RT ARC GENERATORS
 ∞ GENERATORS
KLYSTRONS
MAGNETRONS
ROTATING GENERATORS
VOLTAGE GENERATORS

ELECTROSTATIC GYROSCOPES

UF ELECTRICALLY SUSPENDED
GYROSCOPES
ESG (GYROSCOPES)
GS GYROSCOPES
ELECTROSTATIC GYROSCOPES
RT LEVITATION

ELECTROSTATIC PLASMA

USE PLASMAS (PHYSICS)

ELECTROSTATIC PRECIPITATORS

GS SEPARATORS
PRECIPITATORS
ELECTROSTATIC PRECIPITATORS
RT ADSORPTION
AIR PURIFICATION
AIR SAMPLING
DUST COLLECTORS
FLY ASH
 ∞ SEPARATION

ELECTROSTATIC PROBES

UF LANGMUIR PROBES
GS MEASURING INSTRUMENTS
PLASMA PROBES
ELECTROSTATIC PROBES
RADIATION MEASURING INSTRUMENTS
ELECTROSTATIC PROBES
RT ELECTRON ENERGY
PLASMA FREQUENCIES
RADIATION COUNTERS
SCATHA SATELLITE

ELECTROSTATIC PROPULSION

GS PROPULSION
ELECTRIC PROPULSION
ELECTROSTATIC PROPULSION
ION PROPULSION
LOW THRUST PROPULSION
ELECTROSTATIC PROPULSION
ION PROPULSION
SPACECRAFT PROPULSION
ELECTROSTATIC PROPULSION
ION PROPULSION
RT ELECTROMAGNETIC PROPULSION
PLASMA PROPULSION

ELECTROSTATIC SHIELDING

GS SHIELDING
ELECTROSTATIC SHIELDING
RT ELECTRIC CONDUCTORS
SCATHA SATELLITE

ELECTROSTATIC WAVES

GS ELASTIC WAVES
MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES
ELECTROSTATIC WAVES
RT DIFFUSION WAVES
IONIC WAVES
LONGITUDINAL WAVES
MAGNETOELASTIC WAVES
SHOCK WAVES

ELECTROSTATICS

GS STATICS
ELECTROSTATICS
RT BORN-INFELD THEORY
ELECTRIC FIELDS
ELECTROMAGNETIC INTERACTIONS
ELECTROMECHANICS
ELECTROSTATIC CHARGE
MAGNETOSTATICS
POISSON EQUATION
STATIC ELECTRICITY

ELECTROSTRICTION

GS MECHANICAL PROPERTIES
ELECTROSTRICTION
RT MAGNETOSTRICTION
PIEZOELECTRICITY

ELECTROTHERMAL ENGINES

GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
ARC JET ENGINES
RESISTOJET ENGINES
RT HIGH TEMPERATURE PROPELLANTS
ION ENGINES
NUCLEAR ELECTRIC PROPULSION
PULSED JET ENGINES
RESTARTABLE ROCKET ENGINES
SUSTAINER ROCKET ENGINES

ELECTROWINNING

RT ELECTRODEPOSITION
ELECTRODES
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROREFINING

ELEKTRON SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ELEKTRON SATELLITES
ELEKTRON 1 SATELLITE
ELEKTRON 2 SATELLITE
ELEKTRON 4 SATELLITE

ELEKTRON 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ELEKTRON SATELLITES
ELEKTRON 1 SATELLITE

ELEKTRON 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ELEKTRON SATELLITES
ELEKTRON 2 SATELLITE

ELEKTRON 4 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ELEKTRON SATELLITES
ELEKTRON 4 SATELLITE

ELEMENT ABUNDANCE

USE ABUNDANCE

ELEMENT 104

GS CHEMICAL ELEMENTS
ELEMENT 104
RT ∞ ELEMENTS

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ELEMENT 105

GS CHEMICAL ELEMENTS
ELEMENT 105
RT ∞ ELEMENTS

ELEMENTARY EXCITATIONS

UF QUASI-PARTICLES
GS **ELEMENTARY EXCITATIONS**
EXCITONS
MAGNONS
PHONONS
PHONON BEAMS
PLASMONS
POLARONS
RT MANY BODY PROBLEM

ELEMENTARY PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
MESON-MESON INTERACTIONS
MESON-NUCLEON INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEON-NUCLEON INTERACTIONS
RT ANGULAR DISTRIBUTION
ELECTROMAGNETIC INTERACTIONS
 ∞ INTERACTIONS
ION ATOM INTERACTIONS
PHOTON-ELECTRON INTERACTION
VENEZIANO MODEL

ELEMENTARY PARTICLES

GS PARTICLES
ELEMENTARY PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
BETA PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
LIGHT BEAMS
XI HYPERONS
DEUTERONS
FERMIONS
BARYONS
HYPERONS
XI HYPERONS
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS
ETA-MESONS
LEPTONS
ANTINEUTRINOS
MUONS
NEUTRINOS
SOLAR NEUTRINOS
MESON RESONANCE
NEUTRONS
COLD NEUTRONS
FAST NEUTRONS
PHOTONEUTRONS
THERMAL NEUTRONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
GLUONS
GRAVITINOS
GRAVITONS
HADRONS
BARYONS
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS
MESONS
KAONS
MUONS
OMEGA-MESONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
MAGNETIC MONOPOLES

ELEMENTARY PARTICLES-(CONT)

NUCLEONS
PARTONS
QUARKS
TACHYONS
RT ATOMIC STRUCTURE
BUBBLE CHAMBERS
CHARGED PARTICLES
DE BROGLIE WAVELENGTHS
GEOCYCLOTRONS
HYPERNUCLEI
INSTANTONS
IONIZING RADIATION
NEUTRON SCATTERING
NUCLEAR INTERACTIONS
NUCLEAR PARTICLES
NUCLEAR RADIATION
NUCLEI (NUCLEAR PHYSICS)
PARTICLE ACCELERATORS
POMERANCHUK THEOREM
POSITRON ANNIHILATION
QUANTUM THEORY
RADIATION BELTS

∞ ELEMENTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ATOMS
CHEMICAL ELEMENTS
ELEMENT 104
ELEMENT 105
HEAVY ELEMENTS
ISOPARAMETRIC FINITE ELEMENTS
LIGHT ELEMENTS
LOGICAL ELEMENTS
NEUTRAL ATOMS
NUCLEAR FUEL ELEMENTS
ORBITAL ELEMENTS
TASKS

ELEVATION

RT ALTITUDE
CONTOURS
HEAD (FLUID MECHANICS)
HYDROSTATIC PRESSURE
HYDROSTATICS
HYPSOGRAPHY
LOW ALTITUDE
PRESSURE HEADS
TOPOGRAPHY

ELEVATION ANGLE

UF ALMUCANTAR
GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
ELEVATION ANGLE
RT ALTITUDE
AZIMUTH
DATUM (ELEVATION)
FIELD OF VIEW
LOOK ANGLES (TRACKING)
TOPOGRAPHY

ELEVATIONS (DRAWINGS)

USE DRAWINGS

ELEVATOR ILLUSION

GS PSYCHOLOGICAL EFFECTS
ILLUSIONS
OPTICAL ILLUSION
ELEVATOR ILLUSION
RT VISUAL PERCEPTION

ELEVATORS (CONTROL SURFACES)

GS AIRFOILS
ELEVATORS (CONTROL SURFACES)
CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
RT AILERONS
∞ CONTROL
ELEVONS
HORIZONTAL TAIL SURFACES
HYDROFOILS
STABILIZERS (FLUID DYNAMICS)
∞ SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES

ELEVATORS (LIFTS)

RT CONVEYORS
ESCALATORS
∞ JACKS

ELEVATORS (LIFTS)-(CONT)

∞ LIFTS
WINCHES

ELEVONS

GS AIRFOILS
ELEVONS
CONTROL SURFACES
ELEVONS
RT AILERONS
ELEVATORS (CONTROL SURFACES)
LATERAL CONTROL
TABS (CONTROL SURFACES)

ELIMINATION

GS **ELIMINATION**
DELETION
RT ATTENUATION
CANCELLATION
DECONTAMINATION
DEPLETION
∞ DISCHARGE
DISPOSAL
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)
EXCLUSION
EXHAUST SYSTEMS
EXHAUSTING
POLLUTION
PURIFICATION
∞ REDUCTION
REJECTION
∞ SEPARATION
STOPPING
WASTE DISPOSAL

ELLIPSES

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CONICS
ELLIPSES
RT CIRCLES (GEOMETRY)

ELLIPSOIDS

UF IZSAK ELLIPSOID
GS SYMMETRICAL BODIES
ELLIPSOIDS
RT BODIES OF REVOLUTION
ELLIPTICITY
OGIVES

ELLIPSOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
ELLIPSOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
ELLIPSOMETERS
RT PHOTOMETERS
POLARIMETERS

ELLIPTIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
ELLIPTIC DIFFERENTIAL EQUATIONS
MONGE-AMPERE EQUATION
RT ∞ EQUATIONS
HALF SPACES
MAXIMUM PRINCIPLE

ELLIPTIC FUNCTIONS

UF ELLIPTIC INTEGRALS
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
MEROMORPHIC FUNCTIONS
ELLIPTIC FUNCTIONS
FUNCTIONS (MATHEMATICS)
MEROMORPHIC FUNCTIONS
ELLIPTIC FUNCTIONS
RT JACOBI INTEGRAL
WEIERSTRASS FUNCTIONS

ELLIPTIC INTEGRALS

USE ELLIPTIC FUNCTIONS

ELLIPTICAL CYLINDERS

RT CIRCULAR CYLINDERS
∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS

ELLIPTICAL GALAXIES

GS CELESTIAL BODIES
GALAXIES
ELLIPTICAL GALAXIES
RT DISK GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
SPIRAL GALAXIES
STAR CLUSTERS
VIRGO GALACTIC CLUSTER

ELLIPTICAL ORBITS

UF HOHMANN TRAJECTORIES
HOHMANN TRANSFER ORBITS
ORBITS
ELLIPTICAL ORBITS
APOGEES
PERIGEEES
PERIHELIONS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
RT APSIDES
CIRCULAR ORBITS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
ECCENTRIC ORBITS
ELLIPTICITY
EQUATORIAL ORBITS
EULER-LAMBERT EQUATION
LUNAR ORBITS
ORBITAL MECHANICS
PAS
PLANETARY ORBITS
POLAR ORBITS
SATELLITE ORBITS
SOLAR ORBITS
SPACECRAFT ORBITS

ELLIPTICAL PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
ELLIPTICAL PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
ELLIPTICAL PLASMAS
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMA CONTROL
TOROIDAL PLASMAS

ELLIPTICAL POLARIZATION

GS POLARIZATION (WAVES)
ELLIPTICAL POLARIZATION
RT CIRCULAR POLARIZATION
MAGNETOIONICS

ELLIPTICITY

GS SHAPES
ELLIPTICITY
RT ECCENTRICITY
ELLIPSOIDS
ELLIPTICAL ORBITS
FLATTENING
OBLATE SPHEROIDS

ELONGATION

RT ANGLES (GEOMETRY)
DEFORMATION
DUCTILITY
ECCENTRICITY
EXPANSION
MECHANICAL PROPERTIES
PLASTIC DEFORMATION
STRETCHING
SUPERPLASTICITY
TENSILE DEFORMATION
TENSILE STRENGTH

ELUTION

UF ELUTRIATION
RT ADSORPTION
EXTRACTION
FLUSHING
LEACHING
PURIFICATION
∞ SEPARATION
WASHING

ELUTRIATION

USE ELUTION

EMANATION

EMANATION

USE EMISSION

EMBEDDED COMPUTER SYSTEMS

GS DATA PROCESSING EQUIPMENT
COMPUTERS

EMBEDDED COMPUTER SYSTEMS

AIRBORNE/SPACEBORNE
COMPUTERS
RT ADA (PROGRAMMING LANGUAGE)

EMBEDDING

RT ACCELERATION PROTECTION
ENCAPSULATING
INSERTION

EMBOLISMS

GS EMBOLISMS
AEROEMBOLISM
FAT EMBOLISMS
RT BLOOD VESSELS
CLOTTING
COAGULATION
INFARCTION

EMBOSSING

RT BRAILLE

EMBRITTELEMENT

RT BRITTLE MATERIALS
BRITTLNESS
DEGRADATION
TIME TEMPERATURE PARAMETER

EMBRYOLOGY

RT ∞ BIOLOGY
DIFFERENTIATION (BIOLOGY)
EMBRYOS
FETUSES
REPRODUCTION (BIOLOGY)

EMBRYOS

RT EGGS
EMBRYOLOGY
FETUSES
SEEDS

EMERALD

USE BERYL

EMERGENCIES

RT ACCIDENTS
DISASTERS
FAIL-SAFE SYSTEMS

EMERGENCY BREATHING TECHNIQUES

RT ∞ BREATHING
∞ METHODOLOGY
PRESSURE BREATHING
RESPIRATORS
RESUSCITATION

EMERGENCY LIFE SUSTAINING SYSTEMS

GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
EMERGENCY LIFE SUSTAINING
SYSTEMS
AEPS
RT ENVIRONMENTAL CONTROL
ESCAPE CAPSULES
FLOATS
HIGH ALTITUDE BREATHING
MEDICAL EQUIPMENT
OXYGEN SUPPLY EQUIPMENT
PORTABLE LIFE SUPPORT SYSTEMS
PRESSURIZED CABINS
PROTECTIVE CLOTHING
SAFETY
SAFETY DEVICES
SURVIVAL EQUIPMENT
∞ SYSTEMS

EMERGENCY LOCATOR TRANSMITTERS

GS TRANSMITTERS
EMERGENCY LOCATOR
TRANSMITTERS

EMERGING

RT EMISSION
EMISSION
EMITTANCE

EMISSION

UF EMANATION

EMISSION-(CONT)

GS DECAY

EMISSION

EXHAUST EMISSION
LIGHT EMISSION
INCANDESCENCE
LUMINESCENCE
BIOLUMINESCENCE
CATHODE GLOW
CATHODOLUMINESCENCE
CHEMILUMINESCENCE
ELECTROLUMINESCENCE
FLUORESCENCE
PHOSPHORESCENCE
RESONANCE FLUORESCENCE
X RAY FLUORESCENCE
LUNAR LUMINESCENCE
OPTICAL RESONANCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
SHOCK WAVE LUMINESCENCE
SONOLUMINESCENCE
THERMOLUMINESCENCE
MICROWAVE EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
PHOTOELECTRIC EMISSION
SECONDARY EMISSION
ION EMISSION
NEUTRON EMISSION
THERMIONIC EMISSION
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SELF SUSTAINED EMISSION
SPECTRAL EMISSION
SPONTANEOUS EMISSION
STIMULATED EMISSION
WATER MASERS
THERMAL EMISSION
THERMIONIC EMISSION

RT

AIRGLOW
ATOMIC RECOMBINATION
BURSTS
CATHODOLUMINESCENCE
∞ DISCHARGE
EFFLUX
EJECTION
EMERGING
EMITTERS
EXCITATION
IONIZING RADIATION
IRRADIATION
NUCLEAR REACTIONS
PAIR PRODUCTION
QUANTUM THEORY
∞ RADIATION
RADIOACTIVE DECAY
RADIOACTIVITY
RELEASING
SELECTION RULES (NUCLEAR PHYSICS)
SPUTTERING

EMISSION SPECTRA

SN (ELECTROMAGNETIC RADIATION OF ANY
WAVELENGTH EMITTED FROM EXCITED
MATTER -EXCLUDES PARTICLE
SPECTRA)
GS SPECTRA
RADIATION SPECTRA
EMISSION SPECTRA
RT ABSORPTION SPECTRA
ATOMIC RECOMBINATION
BALMER SERIES
CONTINUOUS RADIATION
D LINES
ELECTROMAGNETIC SPECTRA
ELECTRON SPECTROSCOPY
ELECTRONIC SPECTRA
EXTARS
FLAME SPECTROSCOPY
GAMMA RAY SPECTRA
GAMMA RAYS
H ALPHA LINE
H BETA LINE
H GAMMA LINE

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EMISSION SPECTRA-(CONT)

H LINES
HYDROXYL EMISSION
INFRARED SPECTRA
K LINES
LINE SPECTRA
LYMAN SPECTRA
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY
NUCLEAR RADIATION
OPTICAL EMISSION SPECTROSCOPY
OPTICAL TRANSITION
PASCHEN SERIES
PHOTOLUMINESCENT BANDS
PLASMA SPECTRA
RAMAN SPECTRA
RYDBERG SERIES
SCHUMANN-RUNGE BANDS
SOLAR SPECTRA
SOLAR SPECTROMETERS
SPECTRAL SIGNATURES
SPECTRUM ANALYSIS
SPONTANEOUS EMISSION
STELLAR SPECTRA
SWAN BANDS
SYMBIOTIC STARS
ULTRAVIOLET SPECTRA
VEGARD-KAPLAN BANDS
VISIBLE SPECTRUM
X RAYS

EMISSIONIVITY

UF PHOTOEMISSIONIVITY
GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
EMISSIONIVITY
RT BLACK BODY RADIATION
BRIGHTNESS
EMERGING
EMITTANCE
HOHLRAUMS
INCANDESCENCE
LUMINOSITY
NONGRAY ATMOSPHERES
NONGRAY GAS
OPTICAL MEASUREMENT
RADIANCE
RADIANT FLUX DENSITY
STEFAN-BOLTZMANN LAW
SURFACE PROPERTIES
TEMPERATURE
THERMAL EMISSION

EMISSIONOGRAPHS

USE ACTINOMETERS
RECORDING INSTRUMENTS

EMITTANCE

RT EMERGING
EMISSIONIVITY
FLUX (RATE)
LUMINOSITY
LUMINOUS INTENSITY
OPTICAL PROPERTIES
RADIANCE
RADIANT FLUX DENSITY
SPECTRAL EMISSION
THERMODYNAMIC PROPERTIES

EMITTERS

GS EMITTERS
THERMIONIC CATHODES
THERMIONIC EMITTERS
RT ELECTRON EMISSION
EMISSION
SEMICONDUCTORS (MATERIALS)

EMOTIONAL FACTORS

RT ANGINA PECTORIS
DETACHMENT
DISORDERS
DITHERS
FEEDBACK
FRUSTRATION
HUMAN REACTIONS
MOODS
PANIC
PHOBIAS
PSYCHOLOGICAL FACTORS
PSYCHOLOGY
SENSORY FEEDBACK
SENSORY STIMULATION

EMOTIONS

RT ∞ DEPRESSION

EMOTIONS-(CONT)

FEAR
FEAR OF FLYING
FRUSTRATION
HUMAN BEHAVIOR
LAUGHING
MOODS
PANIC
PSYCHOLOGICAL EFFECTS
PSYCHOLOGY
SENSORY FEEDBACK

EMPENNAGE

USE TAIL ASSEMBLIES

EMPHYSEMA

GS DISEASES
RESPIRATORY DISEASES
EMPHYSEMA

EMPLOYEE RELATIONS

RT ∞ COOPERATION
HUMAN RELATIONS
PERSONNEL
PERSONNEL DEVELOPMENT
PERSONNEL MANAGEMENT
POSITION (TITLE)
PRODUCTION MANAGEMENT
RETIREMENT
WAGE SURVEYS

EMPLOYMENT

RT PERSONNEL SELECTION
∞ TESTS

EMPTYING

RT DISPOSAL
DUMPING
EJECTION
EXPULSION
EXPULSION BLADDERS
JETTISONING
MATERIALS HANDLING
RELEASING
REMOVAL
SPILLING
SPREADING
UNLOADING

EMR 6050 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
EMR 6050 COMPUTER

EMULSIONS

GS MIXTURES
DISPERSIONS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
RT BROWNIAN MOVEMENTS
COLLOIDS
SLURRIES
SOLUTIONS

ENAMELS

GS COATINGS
ENAMELS
FINISHES
ENAMELS
RT PORCELAIN

ENARGITE

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE
COPPER COMPOUNDS
COPPER SULFIDES
ENARGITE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE

ENCAPSULATED MICROCIRCUITS

GS CIRCUITS
INTEGRATED CIRCUITS
ENCAPSULATED MICROCIRCUITS
RT MICROELECTRONICS

ENCAPSULATING

GS COATING
ENCAPSULATING
COATINGS
ENCAPSULATING
RT CANNING
ELECTRONIC PACKAGING
ELECTROSTATIC BONDING
EMBEDDING
∞ IMBEDDINGS
MATERIALS HANDLING
PACKAGING
PLASTIC COATINGS
POTTING COMPOUNDS
PROTECTIVE COATINGS
SEALING
SHEATHS

ENCELADUS

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
ENCELADUS
RT SATURN (PLANET)

ENCEPHALITIS

GS DISEASES
ENCEPHALITIS
RT BRAIN

ENCKE COMET

GS CELESTIAL BODIES
COMETS
ENCKE COMET

ENCKE METHOD

RT ∞ METHODOLOGY

ENCLOSURE

RT ∞ CASING
HOUSINGS
PACKAGING

ENCLOSURES

RT AIR LOCKS
ASTEROID CAPTURE
∞ BARRIERS
BIOPAKS
CLOSURES
COMPARTMENTS
∞ CONTAINERS
COVERINGS
DOGHOUSES (ELECTRONICS)
∞ ENVELOPES
HOUSINGS
∞ PENS
PERFORATED SHELLS
PRESSURE CHAMBERS
PROTECTORS
ROOMS
SAFETY DEVICES
SHELLS (STRUCTURAL FORMS)
SHIELDING
SHIPYARDS
WALLS

ENCODERS

USE CODERS

ENCODING

USE CODING

ENCOUNTERS

RT CRASHES
SCATTERING

END MORAINES

USE GLACIAL DRIFT

END PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
END PLATES
RT ANISOTROPIC PLATES
BULKHEADS
CIRCULAR PLATES
CLOSURES
FLAT PLATES
SHALLOW SHELL EQUATIONS

END-TO-END DATA SYSTEMS

GS **END-TO-END DATA SYSTEMS**
NEEDS (DATA SYSTEM)
RT ∞ DATA

END-TO-END DATA SYSTEMS-(CONT.)

DATA ACQUISITION
DATA PROCESSING
DATA SYSTEMS
∞ SYSTEMS

ENDANGERED SPECIES

RT ANIMALS
BIRDS
ECOLOGY
ECOSYSTEMS
HABITATS
POLLUTION
TOXICITY
WILDLIFE

ENDFIRE ARRAYS

GS ARRAYS
ANTENNA ARRAYS
LINEAR ARRAYS
ENDFIRE ARRAYS
YAGI ANTENNAS
RT DIRECTIONAL ANTENNAS

ENDOCRINE GLANDS

GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
ADRENAL GLAND
GONADS
OVARIES
PANCREAS
PARATHYROID GLAND
PINEAL GLAND
PITUITARY GLAND
PROSTATE GLAND
THYMUS GLAND
THYROID GLAND
VISCERA
ENDOCRINE GLANDS
ADRENAL GLAND
GONADS
OVARIES
PANCREAS
PARATHYROID GLAND
PINEAL GLAND
PITUITARY GLAND
PROSTATE GLAND
THYMUS GLAND
THYROID GLAND
RT ENDOCRINOLOGY
ESTROGENS

ENDOCRINE SECRETIONS

GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
ESTROGENS
HYDROXYCORTICOSTEROID
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)
PROSTAGLANDINS
INSULIN
RT CORTICOSTEROIDS

ENDOCRINE SYSTEMS

RT ENDOCRINOLOGY
GLANDS (ANATOMY)
HORMONES
MINERAL METABOLISM
∞ SYSTEMS

ENDOCRINOLOGY

GS MEDICAL SCIENCE
ENDOCRINOLOGY
RT ENDOCRINE GLANDS
ENDOCRINE SYSTEMS

ENDOLYMPH

GS BODY FLUIDS
ENDOLYMPH
RT EAR

ENDORADIOSONDES

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RADIOSONDES
ENDORADIOSONDES
SONDES
RADIOSONDES
ENDORADIOSONDES
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIOSONDES
ENDORADIOSONDES

ENDOSCOPES

ENDORADIOSONDES-(CONT)

TRANSMITTERS
RADIO TRANSMITTERS
RADIOSONDES
ENDORADIOSONDES

ENDOSCOPES

UF BORESCOPES
GS MEDICAL EQUIPMENT
ENDOSCOPES
OPTICAL EQUIPMENT
ENDOSCOPES
RT INSPECTION

ENDOTHELIUM

GS TISSUES (BIOLOGY)
ENDOTHELIUM
RT BLOOD VESSELS
CELLS (BIOLOGY)

ENDOTHERMIC FUELS

GS FUELS
CHEMICAL FUELS
ENDOTHERMIC FUELS
RT CRYOGENIC ROCKET PROPELLANTS
DOUBLE BASE PROPELLANTS
GASEOUS ROCKET PROPELLANTS
HYDROCARBON FUELS
PROPELLANT DECOMPOSITION

ENDOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
ENDOTHERMIC REACTIONS
RT ASSOCIATION REACTIONS
EXOTHERMIC REACTIONS
HEAT SINKS
PYROLYSIS
THERMAL DECOMPOSITION

ENDOTOXINS

GS POISONS
ENDOTOXINS
TOXINS AND ANTITOXINS
ENDOTOXINS
RT BACTERIOLOGY
TOXICOLOGY

ENDRIN

GS EPOXY COMPOUNDS
ENDRIN
HETEROCYCLIC COMPOUNDS
ENDRIN
RT INSECTICIDES

∞ ENDURANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT DURABILITY
FATIGUE (MATERIALS)

ENEMY PERSONNEL

GS PERSONNEL
ENEMY PERSONNEL
RT ARMED FORCES (FOREIGN)

ENERGETIC PARTICLE EXPLORER A

USE EXPLORER 12 SATELLITE

ENERGETIC PARTICLE EXPLORER B

USE EXPLORER 14 SATELLITE

ENERGETIC PARTICLE EXPLORER C

USE EXPLORER 15 SATELLITE

ENERGETIC PARTICLE EXPLORER D

USE EXPLORER 26 SATELLITE

ENERGETIC PARTICLES

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
HIGH ENERGY ELECTRONS
HOT ELECTRONS
N ELECTRONS
NEGATONS
PI-ELECTRONS
NUCLEI (NUCLEAR PHYSICS)
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS

ENERGETIC PARTICLES-(CONT)

COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SEMICONDUCTOR PLASMAS
SOLAR WIND
SPACE PLASMAS
SPHERICAL PLASMAS
STELLAR WINDS
THERMAL PLASMAS
TOROIDAL PLASMAS

RT GALACTIC COSMIC RAYS
SOLAR COSMIC RAYS

∞ ENERGY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT ACTIVATION ENERGY
BERNSTEIN ENERGY PRINCIPLE
CHEMICAL ENERGY
COMMERCIAL ENERGY
DOMESTIC ENERGY
ELECTRON ENERGY
ENERGY CONSERVATION
ENERGY CONVERSION EFFICIENCY
ENERGY OF FORMATION
ENTHALPY
ENTROPY
FLUX (RATE)
FLUX DENSITY
FREE ENERGY
HEAT
HYDROGEN-BASED ENERGY
INDUSTRIAL ENERGY
INTERFACIAL ENERGY
INTERNAL ENERGY
KINETIC ENERGY
MOLECULAR ENERGY LEVELS
NUCLEAR BINDING ENERGY
PARTICLE ENERGY
POTENTIAL ENERGY
PROTON ENERGY
RADIANT HEATING
SEISMIC ENERGY
SOLAR ENERGY
SOLAR TOTAL ENERGY SYSTEMS
STACKING FAULT ENERGY
STRAIN ENERGY METHODS
SURFACE ENERGY
THERMAL ENERGY
THERMONUCLEAR POWER GENERATION
TRANSPORTATION ENERGY
WATERWAVE ENERGY
WORK

ENERGY ABSORPTION

UF NONREFLECTION
GS **ENERGY ABSORPTION**
ELECTROMAGNETIC ABSORPTION
AURORAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MULTIPHOTON ABSORPTION
PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
MODERATION (ENERGY ABSORPTION)
THERMALIZATION (ENERGY
ABSORPTION)
NEUTRON THERMALIZATION
MOLECULAR ABSORPTION
SELF ABSORPTION
THERMAL ABSORPTION

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ENERGY ABSORPTION-(CONT)

POLAR CAP ABSORPTION
RT ABSORBERS (MATERIALS)
∞ ABSORPTION
DAMPING
GAMMA RAY ABSORPTIOMETRY
HEAT SINKS
INFRARED RADIATION
LIGHT (VISIBLE RADIATION)
PHOTON ABSORPTIOMETRY
SHOCK ABSORBERS
SOUND TRANSMISSION
VIBRATION ISOLATORS

ENERGY ABSORPTION FILMS

GS THIN FILMS
ENERGY ABSORPTION FILMS
RT ∞ ABSORPTION
ALUMINUM OXIDES
COATINGS
DIRECT POWER GENERATORS
GOLAY DETECTOR CELLS
MONOMOLECULAR FILMS
PHOTOELECTRIC CELLS
PHOTOTHERMAL CONVERSION
PHOTOVOLTAIC CONVERSION
SELECTIVE SURFACES
SEMICONDUCTING FILMS
SOLAR ENERGY

ENERGY BANDS

GS **ENERGY BANDS**
BLOCH BAND
CONDUCTION BANDS
FORBIDDEN BANDS
RT ∞ BANDS
EXCITONS
LASER WINDOWS
QUANTUM WELLS
SPECTRAL BANDS
WINDOWS (INTERVALS)

ENERGY BUDGETS

GS **ENERGY BUDGETS**
HEAT BUDGET
ATMOSPHERIC HEAT BUDGET
RT ∞ BUDGETS

ENERGY CONSERVATION

GS CONSERVATION
ENERGY CONSERVATION
RT ∞ ENERGY
ENERGY POLICY
POWER FACTOR CONTROLLERS
RESIDENTIAL ENERGY
RESOURCE ALLOCATION
RESOURCES

ENERGY CONSUMPTION

GS CONSUMPTION
ENERGY CONSUMPTION
RT COAL UTILIZATION
COMMERCIAL ENERGY
DOMESTIC ENERGY
∞ ENERGY SOURCES
FUEL CONSUMPTION
INDUSTRIAL ENERGY

ENERGY CONVERSION

GS **ENERGY CONVERSION**
BIOMASS ENERGY PRODUCTION
GEOTHERMAL ENERGY CONVERSION
OCEAN THERMAL ENERGY
CONVERSION
PHOTOTHERMAL CONVERSION
SATELLITE SOLAR ENERGY
CONVERSION
SOLAR ENERGY CONVERSION
SOLAR TOTAL ENERGY SYSTEMS
WATERWAVE ENERGY CONVERSION
RT COGENERATION
COMMERCIAL ENERGY
∞ CONVERSION
DIRECT POWER GENERATORS
DOMESTIC ENERGY
GEOTHERMAL ENERGY EXTRACTION
HYDROGEN PRODUCTION
HYDROTHERMAL SYSTEMS
INDUSTRIAL ENERGY
INTEGRATED ENERGY SYSTEMS
LIGNITE
ORGANIC WASTES (FUEL CONVERSION)
POWER CONDITIONING
SATELLITE SOLAR POWER STATIONS
SOLAR PONDS (HEAT STORAGE)

ENERGY CONVERSION-(CONT)

SOLAR SEA POWER PLANTS
SPACE INDUSTRIALIZATION
TRANSPORTATION ENERGY
WASTE ENERGY UTILIZATION

ENERGY CONVERSION EFFICIENCY

GS EFFICIENCY
RT **ENERGY CONVERSION EFFICIENCY**
CARRIER TRANSPORT (SOLID STATE)
∞ CONVERSION
DIRECT POWER GENERATORS
ENERGY ABSORPTION
ENGINES
FUEL CELLS
∞ GENERATORS
MOTORS
OPEN CIRCUIT VOLTAGE
PHOTOTHERMAL CONVERSION
POWER CONDITIONING
POWER FACTOR CONTROLLERS
QUANTUM EFFICIENCY
REDOX CELLS
SPECTROPHOTOVOLTAICS
TIDE POWERED GENERATORS
TRANSDUCERS
VOLUMETRIC EFFICIENCY
WATERWAVE ENERGY CONVERSION

ENERGY CONVERTERS

USE DIRECT POWER GENERATORS

ENERGY DENSITY

USE FLUX DENSITY

ENERGY DISSIPATION

UF ENERGY LOSSES
GS DISSIPATION
RT **ENERGY DISSIPATION**
FRICTION
INSERTION LOSS
LAGRANGE SIMILARITY HYPOTHESIS
LOSSES
NONADIABATIC THEORY
∞ POWER LOSS
TRAVELING CHARGE

ENERGY DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
ENERGY DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
RT EQUIPARTITION THEOREM
FLUX DENSITY
FORCE DISTRIBUTION
INTEGRATED ENERGY SYSTEMS
QUANTUM MECHANICS
STATISTICAL MECHANICS

ENERGY EFFICIENCY TRANSPORT PROGRAM

USE ACEE PROGRAM

ENERGY EQUIPARTITION

USE EQUIPARTITION THEOREM

ENERGY EXCHANGE

USE ENERGY TRANSFER

ENERGY GAPS (SOLID STATE)

UF BANDGAP
GS GAPS
RT **ENERGY GAPS (SOLID STATE)**
BAND STRUCTURE OF SOLIDS
QUANTUM WELLS
SOLID STATE
∞ SOLID STATE PHYSICS

ENERGY LEVELS

UF ELECTRONIC LEVELS
GS LEVEL (QUANTITY)
ENERGY LEVELS
ATOMIC ENERGY LEVELS
ELECTRON STATES
GROUND STATE
MOLECULAR ENERGY LEVELS
INTERMOLECULAR FORCES
RT ATOMIC EXCITATIONS
ATOMIC STRUCTURE
ELECTRON TUNNELING
EXCITATION
FERMI SURFACES
MOLECULAR EXCITATION
NUCLEAR CAPTURE
NUCLEAR MODELS
NUCLEAR QUADRUPOLE RESONANCE

ENERGY LEVELS-(CONT)

NUCLEAR SPIN
NUCLEAR STRUCTURE
POPULATION INVERSION
QUANTUM NUMBERS
QUANTUM THEORY

ENERGY LOSSES

USE ENERGY DISSIPATION

ENERGY METHODS

GS STRUCTURAL ANALYSIS
ENERGY METHODS
BERNSTEIN ENERGY PRINCIPLE
STRAIN ENERGY METHODS
RT CASTIGLIANO VARIATIONAL THEOREM
MATRICES (MATHEMATICS)
∞ METHODOLOGY
STRESS ANALYSIS

ENERGY OF FORMATION

GS CHEMICAL ENERGY
ENERGY OF FORMATION
RT ∞ ENERGY
FREE ENERGY
MOLECULAR ENERGY LEVELS

ENERGY POLICY

GS POLICIES
ENERGY POLICY
RT ABUNDANCE
AVAILABILITY
COAL
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
CONSERVATION
CRUDE OIL
DEPLETION
∞ DEVELOPMENT
EARTH RESOURCES
ECOLOGY
ECONOMIC FACTORS
ENERGY CONSERVATION
FUEL OILS
FUELS
HYDROCARBON FUELS
LAND USE
LIGNITE
LOGISTICS
MINING
∞ NUCLEAR ENERGY
NUCLEAR FUELS
OIL EXPLORATION
OILS
OPERATING COSTS
POLLUTION
REFINING
RESERVES
RESOURCE ALLOCATION
RESOURCES
SAFETY

ENERGY REQUIREMENTS

RT ∞ ENERGY SOURCES
FUEL CONSUMPTION
∞ POWER SUPPLIES

∞ ENERGY SOURCES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATMOSPHERIC ENERGY SOURCES
AUXILIARY POWER SOURCES
BIOMASS ENERGY PRODUCTION
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRON SOURCES
ENERGY CONSUMPTION
ENERGY REQUIREMENTS
ENERGY TECHNOLOGY
GEOTHERMAL RESOURCES
HEAT SOURCES
LITHIUM SULFUR BATTERIES
OCEAN THERMAL ENERGY CONVERSION
PLASMA POWER SOURCES
POINT SOURCES
PROPELLANTS
RECTIFIERS
SPACECRAFT POWER SUPPLIES
TIDEPOWER
WATERWAVE ENERGY CONVERSION

ENERGY SPECTRA

GS SPECTRA

ENERGY SPECTRA-(CONT)

ENERGY SPECTRA
ELECTRONIC SPECTRA
NEUTRON SPECTRA
RT ABSORPTION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY ASTRONOMY
GRIST (TELESCOPE)
MASS SPECTRA
MOLECULAR SPECTRA
PLASMA SPECTRA
POWER SPECTRA
RADIATION SPECTRA
SHOCK SPECTRA
SPECTRAL ENERGY DISTRIBUTION
SPECTROPHOTOVOLTAICS
VIBRATIONAL SPECTRA

ENERGY STORAGE

UF ENERGY STORAGE DEVICES
GS **ENERGY STORAGE**
ELECTRIC ENERGY STORAGE
HEAT STORAGE
MAGNETIC ENERGY STORAGE
RT CAPACITORS
COMPRESSED AIR
ELECTRETS
ELECTRIC BATTERIES
FLYWHEELS
FUEL CELLS
FUELS
GEOTHERMAL ENERGY UTILIZATION
HEAT SOURCES
INDUCTORS
LEAD ACID BATTERIES
NICKEL HYDROGEN BATTERIES
∞ NUCLEAR ENERGY
POTENTIAL ENERGY
REDOX CELLS
REGENERATORS
ROADWAY POWERED VEHICLES
SPRINGS (ELASTIC)
∞ STORAGE
SUPERCONDUCTORS

ENERGY STORAGE DEVICES

USE ENERGY STORAGE

ENERGY TECHNOLOGY

GS TECHNOLOGIES
ENERGY TECHNOLOGY
GEOTHERMAL TECHNOLOGY
RT ATMOSPHERIC ENERGY SOURCES
BIOMASS ENERGY PRODUCTION
COAL UTILIZATION
COMBINED CYCLE POWER GENERATION
EARTH RESOURCES
ELECTROSTATIC BONDING
∞ ENERGY SOURCES
FUEL CELL POWER PLANTS
GAS RECOVERY
GEOTHERMAL ENERGY EXTRACTION
HYDROCARBON FUEL PRODUCTION
HYDROGEN-BASED ENERGY
LIGNITE
MAGNETIC ENERGY STORAGE
OFFSHORE ENERGY SOURCES
OIL RECOVERY
PHOSPHORIC ACID FUEL CELLS
PHOTOELECTROCHEMICAL DEVICES
PHOTOTHERMAL CONVERSION
QUANTUM EFFICIENCY
RESIDENTIAL ENERGY
SOLAR COOLING
SOLAR ENERGY CONVERSION
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
TROMBE WALLS
WASTE HEAT

ENERGY TRANSFER

UF ENERGY EXCHANGE
GS **ENERGY TRANSFER**
LINEAR ENERGY TRANSFER (LET)
RT ANTENNA COUPLERS
COUPLING CIRCUITS
CYCLOTRON RESONANCE
ELECTRON PUMPING
GAS TRANSPORT
GAS-LIQUID INTERACTIONS
HEAT TRANSFER
HEISENBERG THEORY
LAGRANGE SIMILARITY HYPOTHESIS
MASS TRANSFER
MOMENTUM TRANSFER

ENGINE AIRFRAME INTEGRATION

ENERGY TRANSFER-(CONT)

NONADIABATIC CONDITIONS
NONISOTHERMAL PROCESSES
NUCLEAR PUMPING
PLASMA HEATING
POYNTING THEOREM
RADIATIVE TRANSFER
TERMINAL BALLISTICS
TRANSFERRING

ENGINE AIRFRAME INTEGRATION

RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
AIRCRAFT DESIGN
AIRCRAFT ENGINES
AIRFRAMES

ENGINE ANALYZERS

GS MEASURING INSTRUMENTS
ANALYZERS
ENGINE ANALYZERS

ENGINE CONTROL

GS ENGINE CONTROL
ROCKET ENGINE CONTROL
TURBOJET ENGINE CONTROL
RT AIR START
AIRCRAFT CONTROL
AUTOMATIC CONTROL
COMBUSTION CONTROL
∞ CONTROL
ELECTRIC CONTROL
FLIGHT INSTRUMENTS
FUEL CONTROL
HYDRAULIC CONTROL
MANUAL CONTROL
PNEUMATIC CONTROL
REMOTE CONTROL
SPACECRAFT CONTROL
SPEED CONTROL
TEMPERATURE CONTROL
THRUST CONTROL
VARIABLE STREAM CONTROL ENGINES

ENGINE COOLANTS

GS COOLANTS
ENGINE COOLANTS
RT COOLING
COOLING SYSTEMS

ENGINE DESIGN

GS ENGINE DESIGN
ROCKET ENGINE DESIGN
AIRCRAFT DESIGN
COMPUTER AIDED DESIGN
∞ DESIGN
HELICOPTER DESIGN
MISSILE DESIGN
NOZZLE DESIGN
PRODUCT DEVELOPMENT
REACTOR DESIGN
SPACECRAFT DESIGN
VOLUMETRIC EFFICIENCY

ENGINE FAILURE

GS FAILURE
ENGINE FAILURE
RT ABORTED MISSIONS
∞ CUT-OFF
INGESTION (ENGINES)
∞ STALLING

ENGINE INLETS

GS INTAKE SYSTEMS
AIR INTAKES
ENGINE INLETS
RT BYPASS RATIO
∞ DIFFUSERS
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
INLET NOZZLES
INLET TEMPERATURE
INTERNAL COMPRESSION INLETS
NACELLES

ENGINE MONITORING INSTRUMENTS

GS MEASURING INSTRUMENTS
ENGINE MONITORING INSTRUMENTS
RT FLIGHT INSTRUMENTS

ENGINE NOISE

GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)

ENGINE NOISE-(CONT)

ENGINE NOISE
ROCKET ENGINE NOISE
RT AIRCRAFT NOISE
AIRCRAFT RUNUP
JET AIRCRAFT NOISE
QUIET ENGINE PROGRAM

ENGINE PARTS

RT CARBURETORS
CLUTCHES
COMBUSTION CHAMBERS
∞ COMPONENTS
FLYWHEELS
INTERNAL COMBUSTION ENGINES
PISTONS
RETIREMENT FOR CAUSE
ROCKET LININGS
SPARE PARTS
TURBINE BLADES
TURBINE WHEELS
VALVES

ENGINE PRIMERS

RT INTERNAL COMBUSTION ENGINES
∞ PRIMERS
STARTING

ENGINE STARTERS

GS STARTERS
ENGINE STARTERS
RT ENGINES
INTERNAL COMBUSTION ENGINES
JET ENGINES

ENGINE TESTING LABORATORIES

GS LABORATORIES
ENGINE TESTING LABORATORIES
TEST FACILITIES
ENGINE TESTING LABORATORIES
RT ENGINES

ENGINE TESTS

GS ENGINE TESTS
COLD FLOW TESTS
PREFIRING TESTS
SPACE ELECTRIC ROCKET TESTS
STATIC FIRING
RT AIRCRAFT RUNUP
ALTITUDE TESTS
CAPTIVE TESTS
FLIGHT TESTS
FUEL TESTS
FULL SCALE TESTS
GROUND TESTS
LUBRICANT TESTS
MISSILE TESTS
NONDESTRUCTIVE TESTS
PRELAUNCH TESTS
PROPELLANT TESTS
PROPULSIVE EFFICIENCY
ROCKET ENGINE DESIGN
ROCKET TEST FACILITIES
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
STATIC TESTS
TEST FIRING
TEST STANDS
TESTING TIME
∞ TESTS
VIBRATION TESTS

∞ ENGINEERING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
AIRCRAFT PRODUCTION COSTS
ANTHROPOMETRY
BIOENGINEERING
BIOINSTRUMENTATION
BIOMETRICS
BIOTELEMETRY
BODY MEASUREMENT (BIOLOGY)
CHEMICAL ENGINEERING
ELECTRICAL ENGINEERING
ENVIRONMENTAL ENGINEERING
MAN MACHINE SYSTEMS
MECHANICAL ENGINEERING
PRODUCTION ENGINEERING
REACTOR TECHNOLOGY
RELIABILITY ENGINEERING
STRUCTURAL ENGINEERING
SYSTEMS ENGINEERING

NASA THESAURUS (VOLUME 1)

ENGINEERING-(CONT)

UNDERWATER ENGINEERING
VALUE ENGINEERING

ENGINEERING DEVELOPMENT

USE PRODUCT DEVELOPMENT

ENGINEERING DRAWINGS

UF MECHANICAL DRAWINGS
GS DOCUMENTS
ENGINEERING DRAWINGS
BLUEPRINTS
DRAWINGS
ENGINEERING DRAWINGS
BLUEPRINTS
RT CIRCUIT DIAGRAMS
DESCRIPTIVE GEOMETRY
∞ DESIGN
DIMENSIONS
GRAPHIC ARTS
LAYOUTS
LOFTING
REPRODUCTION (COPYING)

ENGINEERING MANAGEMENT

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
ENGINEERING MANAGEMENT
RT ALLOCATIONS
∞ BUDGETS
GOALS
MANPOWER
PRIORITIES
RESEARCH MANAGEMENT
RESOURCE ALLOCATION
RESOURCES

ENGINEERING TEST REACTORS

UF ETR (REACTORS)
GS NUCLEAR REACTORS
ENGINEERING TEST REACTORS
RT REACTOR DESIGN
REACTOR TECHNOLOGY

ENGINES

SN (MACHINES WITH SELF-CONTAINED
POWER SOURCES FOR CONTINUOUS
OPERATION-- SEE MOTORS FOR
MACHINES UTILIZING EXTERNAL POWER
SOURCES FOR NORMAL OPERATION)
UF GAS GENERATOR ENGINES
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J 79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
TURBORAMJET ENGINES
T-58-GE-8B ENGINE

ENGINES-(CONT)

EXTERNAL COMBUSTION ENGINES
INTERNAL COMBUSTION ENGINES
DIESEL ENGINES
GAS TURBINE ENGINES
HYDROGEN ENGINES
JET ENGINES
RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-85 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
T-58 ENGINE
T-58-GE-8B ENGINE
HELICOPTER ENGINES
ROTARY ENGINES
WANKEL ENGINES
JATO ENGINES
MARQUARDT R4D ENGINE
PISTON ENGINES
DIESEL ENGINES
PULSED JET ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
AJ-10 ENGINE
ALGOL ENGINE
APOGEE BOOST MOTORS
H-1 ENGINE
LR-87-AJ-5 ENGINE
M-1 ENGINE
M-55 ENGINE
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE
ROCKET ENGINE 9KS-11000
X-405 ENGINE
DUCTED ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
ARC JET ENGINES
RESISTOJET ENGINES
ION ENGINES
CESIUM ENGINES
MERCURY ION ENGINES
RIT ENGINES
HEUS ROCKET ENGINES
HOT WATER ROCKET ENGINES
HYBRID PROPELLANT ROCKET
ENGINES
LITHERGOL ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES

ENGINES-(CONT)

AJ-10 ENGINE
F-1 ROCKET ENGINE
H-1 ENGINE
HYDRAZINE ENGINES
HYDROGEN OXYGEN ENGINES
J-2 ENGINE
M-1 ENGINE
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
LIQUID AIR CYCLE ENGINES
LR-62-RM 2 ENGINE
LR-87-AJ-5 ENGINE
LR-91-AJ-5 ENGINE
LR-99 ENGINE
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
RL 10 ENGINES
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
SPACE SHUTTLE MAIN ENGINE
X-405 ENGINE
XLR 99 ENGINE
YLR-91 AJ-1 ENGINE
M-100 ENGINE
MICROROCKET ENGINES
ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
NOZZLELESS ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR RAMJET ENGINES
NUCLEAR ROCKET ENGINES
NUCLEAR LIGHTBULB ENGINES
RESTARTABLE ROCKET ENGINES
RETROCKET ENGINES
BE-3 ENGINE
REUSABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
ALGOL ENGINE
APOGEE BOOST MOTORS
ASROC ENGINE
HERCULES ENGINE
M-46 ENGINE
M-55 ENGINE
M-56 ENGINE
M-57 ENGINE
NIKE BOOSTER ROCKET ENGINES
P 1 ENGINE
SL-3 ROCKET ENGINE
SYNCOM APOGEE ENGINES
TU-121 ENGINE
TX-77 ENGINE
TX-354 ENGINE
X-248 ENGINE
X-254 ENGINE
X-258 ENGINES
X-258-B1 ENGINE
X-259 ENGINE
XM-33 ENGINE
SUSTAINER ROCKET ENGINES
TURBOROCKET ENGINES
ULLAGE ROCKET ENGINES
UPPER STAGE ROCKET ENGINES
VERNIER ENGINES
SYNCOM APOGEE ENGINES
TORPEDO ENGINES
TURBOROCKET ENGINES
ULLAGE ROCKET ENGINES
VERNIER ENGINES
CONTROL ROCKETS
SYNCOM APOGEE ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE

ENGINES-(CONT)

J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
T-58 ENGINE
T-58-GE-8B ENGINE
VARIABLE CYCLE ENGINES
VARIABLE STREAM CONTROL ENGINES
RT AUXILIARY PROPULSION
CARBURETORS
COMBUSTION CHAMBERS
DISPLACEMENT
ENERGY CONVERSION EFFICIENCY
ENGINE STARTERS
ENGINE TESTING LABORATORIES
EXHAUST SYSTEMS
EXPENDABLE STAGES (SPACECRAFT)
FUEL CONSUMPTION
FUEL SYSTEMS
GEOTHERMAL ENERGY CONVERSION
HEAT SOURCES
IGNITION SYSTEMS
LUBRICATION
MACHINERY
MISSILE COMPONENTS
MOTORS
POWER PLANTS
PROPULSION
REACTION PRODUCTS
SHUTDOWNS
SPEED REGULATORS
SUPERSONIC COMBUSTION
THERMODYNAMIC EFFICIENCY
THERMODYNAMICS
TRANSPORTATION ENERGY
TURBINES
VEHICLES
ENGLAND
GS NATIONS
UNITED KINGDOM
ENGLAND
ENGLISH CHANNEL
RT ATLANTIC OCEAN
FRANCE
NORTH SEA
UNITED KINGDOM
ENGLISH ELECTRIC CANBERRA AIRCRAFT
USE CANBERRA AIRCRAFT
ENGLISH LANGUAGE
GS LANGUAGES
ENGLISH LANGUAGE
RT SPEECH
WORDS (LANGUAGE)
ENGRAVING
RT ETCHING
PRINTING
ENHANCEMENT
USE AUGMENTATION
ENLARGING
USE EXPANSION
ENRICHMENT
GS ENRICHMENT
ISOTOPIC ENRICHMENT
JET MEMBRANE PROCESS

ENRICO FERMI ATOMIC POWER PLANT

ENRICHMENT-(CONT)

RT BENEFICIATION
CONCENTRATING
PURIFICATION
REFINING
UPGRADING

ENRICO FERMI ATOMIC POWER PLANT

GS ELECTRIC POWER PLANTS
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
RT BREEDER REACTORS
FAST NUCLEAR REACTORS
LIQUID METAL COOLED REACTORS
∞ POWER PLANTS

ENSKOG-CHAPMAN THEORY

USE CHAPMAN-ENSKOG THEORY

ENSTATITE

GS CHALCOGENIDES
OXIDES
PYROXENES
ENSTATITE
MAGNESIUM COMPOUNDS
ENSTATITE
MINERALS
PYROXENES
ENSTATITE
SILICON COMPOUNDS
SILICATES
PYROXENES
ENSTATITE
RT CHONDRULE
IGNEOUS ROCKS
REGOLITH
ROCKS
SOILS

ENSTROPY

USE VORTICITY

ENTERPRISE (ORBITER)

UF SPACE SHUTTLE ORBITER 101
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
ENTERPRISE (ORBITER)
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE ORBITERS
ENTERPRISE (ORBITER)
RT MANNED SPACE FLIGHT
∞ SPACECRAFT

ENTHALPY

UF HEAT CONTENT
GS THERMODYNAMIC PROPERTIES
ENTHALPY
RT ADIABATIC CONDITIONS
DRYING
∞ ENERGY
ENTROPY
FREE ENERGY
GIBBS FREE ENERGY
GIBBS-HELMHOLTZ EQUATIONS
HEAT
HEAT MEASUREMENT
HEAT OF FUSION
JOULE-THOMSON EFFECT
MOLLIER DIAGRAM
SPECIFIC HEAT
THERMOCHEMISTRY
THERMODYNAMICS

ENTHALPY-ENTROPY DIAGRAMS

USE MOLLIER DIAGRAM

ENTIRE FUNCTIONS

UF INTEGRAL FUNCTIONS
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS
FUNCTIONS (MATHEMATICS)
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS

ENTOMOLOGY

RT INSECTICIDES
INSECTS
∞ SCIENCE
∞ ZOOLOGY

ENTRAINMENT

RT AERATION
AEROSOLS
BLOWING
COANDA EFFECT
DISPERSING
SPRAYING
SUSPENDING (MIXING)

ENTRANCES

RT CURTAINS
DOORS
INTAKE SYSTEMS
∞ THRESHOLDS
TRANSFER TUNNELS

ENTRAPMENT

RT ACCUMULATORS
CONFUSION
ESCAPE (ABANDONMENT)
RADIATION BELTS
TANGLING
TRAPS

ENTROPY

GS THERMODYNAMIC PROPERTIES
ENTROPY
RT CROCCO METHOD
∞ ENERGY
ENTHALPY
HEAT
MAXIMUM ENTROPY METHOD
MOLLIER DIAGRAM
NONISENTROPICITY
SHANNON WIENER MEASURE
TEPHIGRAMS
THERMOCHEMISTRY
THERMODYNAMICS

ENTROPY (STATISTICS)

GS **ENTROPY (STATISTICS)**
MAXIMUM ENTROPY METHOD
MINIMUM ENTROPY METHOD
RT ∞ STATISTICS

∞ ENTRY

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ATMOSPHERIC ENTRY
REENTRY
UNCONTROLLED REENTRY (SPACECRAFT)

ENTRY GUIDANCE (STS)

GS GUIDANCE (MOTION)
ENTRY GUIDANCE (STS)
RT ATMOSPHERIC ENTRY
FLIGHT CONTROL
HYPERSONIC REENTRY
POINTING CONTROL SYSTEMS
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACECRAFT REENTRY
TERMINAL GUIDANCE

ENUMERATION

RT COUNTING
LISTS
NUMBER THEORY

∞ ENVELOPES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COVERINGS
ENCLOSURES
LIMITS (MATHEMATICS)

ENVIRONMENT EFFECTS

SN (EFFECTS ON ENVIRONMENT)
RT AIR POLLUTION
COASTAL ECOLOGY
COASTAL WATER
CONTAMINANTS
CONTAMINATION
DEBRIS

NASA THESAURUS (VOLUME 1)

ENVIRONMENT EFFECTS-(CONT)

DEFORESTATION
∞ EFFECTS
ENVIRONMENTS
EUTROPHICATION
EXHAUST GASES
GREENHOUSE EFFECT
HABITATS
ICE ENVIRONMENTS
MAN ENVIRONMENT INTERACTIONS
MARINE BIOLOGY
MARINE ENVIRONMENTS
METABOLIC WASTES
NOISE POLLUTION
POISONS
POLLUTION
SEWAGE
SOIL EROSION
THERMAL POLLUTION
WASTE DISPOSAL
WASTES
WATER POLLUTION
WATER QUALITY
WATER RESOURCES
WETLANDS
WILDLIFE

ENVIRONMENT MANAGEMENT

GS MANAGEMENT
ENVIRONMENT MANAGEMENT
RT CONSERVATION
EARTH RESOURCES
ENVIRONMENTAL MONITORING
LAND MANAGEMENT
LAND USE
MAN ENVIRONMENT INTERACTIONS
RESOURCES MANAGEMENT
WATER MANAGEMENT
WATER RESOURCES

ENVIRONMENT MODELS

GS MODELS
ENVIRONMENT MODELS
RT ATMOSPHERIC MODELS
EXO BIOLOGY
TEST CHAMBERS

ENVIRONMENT POLLUTION

GS POLLUTION
ENVIRONMENT POLLUTION
AIR POLLUTION
GLOBAL AIR POLLUTION
INDOOR AIR POLLUTION
WATER POLLUTION
OIL POLLUTION
RT AEROBIOLOGY
AEROSOLS
AIR SAMPLING
CLEAN ENERGY
EARTH RESOURCES
ENVIRONMENTAL MONITORING
ENVIRONMENTAL SURVEYS
HUMAN WASTES
METABOLIC WASTES
NOISE POLLUTION
OIL SLICKS
POISONS
POLLUTION MONITORING
POLLUTION TRANSPORT
RADIOACTIVE WASTES
THERMAL POLLUTION
WASTE DISPOSAL

ENVIRONMENT PROTECTION

GS PROTECTION
ENVIRONMENT PROTECTION
RT AIR POLLUTION
EFFLUENTS
ENVIRONMENTAL MONITORING
POLLUTION
RADIOACTIVE WASTES
WASTE DISPOSAL
WATER POLLUTION

ENVIRONMENT SIMULATION

GS SIMULATION
ENVIRONMENT SIMULATION
ACOUSTIC SIMULATION
ALTITUDE SIMULATION
SPACE ENVIRONMENT SIMULATION
WEIGHTLESSNESS SIMULATION
THERMAL SIMULATION
RT ATMOSPHERIC ENTRY SIMULATION
ATMOSPHERIC MODELS
ENVIRONMENTAL TESTS

ENVIRONMENT SIMULATION-(CONT)
FLIGHT SIMULATION**ENVIRONMENT SIMULATORS**

GS SIMULATORS
ENVIRONMENT SIMULATORS
 LUNAR GRAVITY SIMULATOR
 SOLAR SIMULATORS
 SPACE SIMULATORS
 HIGH VACUUM ORBITAL SIMULATOR
 LANGLEY COMPLEX COORDINATOR
 RT TEST CHAMBERS

ENVIRONMENTAL CHAMBERS

USE TEST CHAMBERS

ENVIRONMENTAL CHEMISTRY

GS **ENVIRONMENTAL CHEMISTRY**
 AEROTHERMOCHEMISTRY
 ATMOSPHERIC CHEMISTRY
 BIOCHEMISTRY
 BIOGEOCHEMISTRY
 ENZYMOLOGY
 PHYSIOCHEMISTRY
 GEOCHEMISTRY
 BIOGEOCHEMISTRY
 RT AIR POLLUTION
 ∞ CHEMISTRY
 CLIMATOLOGY
 HYDROCARBON FUELS
 PESTICIDES
 SMOG
 WASTE DISPOSAL
 WATER POLLUTION

ENVIRONMENTAL CONTROL

RT ANTISEPTICS
 ARTIFICIAL GRAVITY
 AUTOMATIC CONTROL
 BIOSATELLITES
 CABIN ATMOSPHERES
 CLEAN ROOMS
 ∞ CONTROL
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ENVIRONMENTS
 HABITABILITY
 MANNED REENTRY
 MANNED SPACECRAFT
 PRESSURIZED CABINS
 RESOURCES MANAGEMENT
 SPACECRAFT CABIN ATMOSPHERES
 SPACECRAFT ENVIRONMENTS
 TEMPERATURE CONTROL
 TEST CHAMBERS
 WEATHER MODIFICATION
 WINDSHIELDS

ENVIRONMENTAL ENGINEERING

RT ∞ AEROSPACE SCIENCES
 CLEAN ENERGY
 CLIMATOLOGY
 COMFORT
 ∞ ENGINEERING
 ENVIRONMENTS
 HEATING
 HUMAN FACTORS ENGINEERING
 ILLUMINATING
 LIFE SCIENCES
 LIFE SUPPORT SYSTEMS
 METEOROLOGY
 PHYSIOLOGICAL EFFECTS
 PSYCHOLOGICAL EFFECTS
 SHELTERS
 SPACE HEATING (BUILDINGS)
 STARSITE PROGRAM
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 VENTILATION
 WASTE DISPOSAL

ENVIRONMENTAL INDEX

RT PHYSIOLOGICAL TESTS

ENVIRONMENTAL LABORATORIES

GS LABORATORIES
ENVIRONMENTAL LABORATORIES
 TEST FACILITIES
ENVIRONMENTAL LABORATORIES
 RT HUMAN FACTORS LABORATORIES
 TEST CHAMBERS

ENVIRONMENTAL MONITORING

RT ENVIRONMENT MANAGEMENT
 ENVIRONMENT POLLUTION

ENVIRONMENTAL MONITORING-(CONT)

ENVIRONMENT PROTECTION
 INFRARED RADIOMETERS
 METEOROLOGY
 MONITORS
 OCEANOGRAPHY
 WEATHER FORECASTING

ENVIRONMENTAL QUALITY

GS QUALITY
ENVIRONMENTAL QUALITY
 WATER QUALITY
 RT AIR POLLUTION
 CONTAMINANTS
 ENVIRONMENTS
 GLOBAL AIR SAMPLING PROGRAM
 MARINE BIOLOGY
 NOISE POLLUTION
 POLLUTION
 THERMAL POLLUTION
 WATER POLLUTION

ENVIRONMENTAL RESEARCH SATELLITES

UF OCTAHEDRAL RESEARCH SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
**ENVIRONMENTAL RESEARCH
 SATELLITES**
 ERS 17
 ERS 18
 INTASAT SATELLITE
 RT ATLAS AGENA LAUNCH VEHICLES

ENVIRONMENTAL SURVEYS

SN (LIMITED TO INDEXING ENVIRONMENTAL
 IMPACT STATEMENTS)
 RT AEROSOLS
 AIR POLLUTION
 EARTH RESOURCES
 ENVIRONMENT POLLUTION
 HUMAN WASTES
 METABOLIC WASTES
 POISONS
 POLLUTION
 POLLUTION CONTROL
 RADIOACTIVE WASTES
 THERMAL POLLUTION
 WASTE DISPOSAL
 WATER POLLUTION

ENVIRONMENTAL TEMPERATURE

USE AMBIENT TEMPERATURE

ENVIRONMENTAL TESTS

GS **ENVIRONMENTAL TESTS**
 COLD WEATHER TESTS
 CORROSION TESTS
 SALT SPRAY TESTS
 HIGH TEMPERATURE TESTS
 LOW TEMPERATURE TESTS
 UNDERWATER TESTS
 RT ASSET PROJECT
 ELECTRONIC EQUIPMENT TESTS
 ENVIRONMENT SIMULATION
 ∞ MATERIALS TESTS
 PHYSIOLOGICAL TESTS
 PSYCHOLOGICAL TESTS
 SPIN TESTS
 TEST CHAMBERS
 ∞ TESTS
 THERMAL VACUUM TESTS
 VIBRATION TESTS

ENVIRONMENTS

GS **ENVIRONMENTS**
 AEROSPACE ENVIRONMENTS
 Cislunar SPACE
 DEEP SPACE
 INTERPLANETARY SPACE
 INTERSTELLAR SPACE
 EARTH ENVIRONMENT
 EXTRATERRESTRIAL ENVIRONMENTS
 Cislunar SPACE
 DEEP SPACE
 INTERPLANETARY SPACE
 INTERSTELLAR SPACE
 LUNAR ENVIRONMENT
 LUNAR ATMOSPHERE
 PLANETARY ENVIRONMENTS
 MARS ENVIRONMENT
 MARS ATMOSPHERE
 PLANETARY ATMOSPHERES
 HELIUM HYDROGEN
 ATMOSPHERES

ENVIRONMENTS-(CONT)

JUPITER ATMOSPHERE
 MARS ATMOSPHERE
 NEPTUNE ATMOSPHERE
 SATURN ATMOSPHERE
 URANUS ATMOSPHERE
 VENUS ATMOSPHERE
 SATELLITE ATMOSPHERES
 LUNAR ATMOSPHERE
 STELLAR ATMOSPHERES
 CHROMOSPHERE
 SOLAR ATMOSPHERE
 FRICTIONLESS ENVIRONMENTS
 HETEROSPHERE
 HIGH ALTITUDE ENVIRONMENTS
 HIGH GRAVITY ENVIRONMENTS
 HIGH TEMPERATURE ENVIRONMENTS
 ICE ENVIRONMENTS
 INNER RADIATION BELT
 IONOSPHERE
 LOWER IONOSPHERE
 LOW TEMPERATURE ENVIRONMENTS
 MAGNETOSPHERE
 GEOMAGNETIC TAIL
 MAGNETOPAUSE
 MARINE ENVIRONMENTS
 MESOPAUSE
 MESOSPHERE
 MIDLATITUDE ATMOSPHERE
 ROTATING ENVIRONMENTS
 SPACECRAFT ENVIRONMENTS
 THERMAL ENVIRONMENTS
 RT ADIABATIC CONDITIONS

AIR
 AIR POLLUTION
 AIR QUALITY
 AMBIENCE
 ∞ ATMOSPHERES
 COASTAL ECOLOGY
 COASTAL PLAINS
 CONTROLLED ATMOSPHERES
 ECOLOGY
 ECONOMIC IMPACT
 ELECTROMAGNETIC INTERFERENCE
 ENVIRONMENT EFFECTS
 ENVIRONMENTAL CONTROL
 ENVIRONMENTAL ENGINEERING
 ENVIRONMENTAL QUALITY
 GLOBAL AIR POLLUTION
 GRAVITATION
 HABITABILITY
 HABITATS
 HUMAN FACTORS ENGINEERING
 HUMIDITY
 LIFE SUPPORT SYSTEMS
 NONPOINT SOURCES
 ∞ PERFORMANCE
 PHYSIOLOGICAL EFFECTS
 PLANTS (BOTANY)
 PRESSURE
 PSYCHOLOGICAL EFFECTS
 REGIMES
 TEMPERATURE
 THERMAL POLLUTION
 VACUUM EFFECTS
 WEIGHTLESSNESS

ENZYME ACTIVITY

GS METABOLISM
ENZYME ACTIVITY
 FERMENTATION
 RT BIOCONVERSION
 DIABETES MELLITUS
 DIGESTIVE SYSTEM
 TYROSINE

ENZYMES

GS **ENZYMES**
 ALDOLASE
 AMIDASE
 CARBONIC ANHYDRASE
 CATALASE
 CHOLINESTERASE
 COENZYMES
 CYSTEAMINE
 HEXOKINASE
 LYSOZYME
 NUCLEASE
 OXIDASE
 PAPAINE
 PEPSIN
 PROTEASE
 PROTHROMBIN
 THROMBIN
 TRYPSIN

ENZYMOLOGY

ENZYMES-(CONT)

RT ACTIVATION (BIOLOGY)
CATALYSTS
ENZYMOLOGY

ENZYMOLOGY

GS ENVIRONMENTAL CHEMISTRY
BIOCHEMISTRY
ENZYMOLOGY
RT DIGESTING
DIGESTIVE SYSTEM
ENZYMES
METABOLISM
NITROGEN METABOLISM

EOCR (REACTOR)

USE EXPERIMENTAL ORGANIC COOLED
REACTORS

EOGO

USE EGO

EOLE SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
EOLE SATELLITES
METEOROLOGICAL SATELLITES
EOLE SATELLITES
RT FRENCH SPACE PROGRAMS
GEOLE SATELLITES
GEOPHYSICAL SATELLITES

EOPAP

USE EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM

EOR (RENDEZVOUS)

USE EARTH ORBITAL RENDEZVOUS

EOS

USE LANDSAT SATELLITES

EOS-A

USE LANDSAT E

EOS-B

USE LANDSAT F

EOSINOPHILS

GS ANATOMY
CARDIOVASCULAR SYSTEM
LEUKOCYTES
EOSINOPHILS
BODY FLUIDS
BLOOD
LEUKOCYTES
EOSINOPHILS
CELLS (BIOLOGY)
LEUKOCYTES
EOSINOPHILS
RT CYTOPLASM

EOSS

UF EARTH ORBITING SPACE STATIONS
GS SATELLITES
ARTIFICIAL SATELLITES
ORBITAL SPACE STATIONS
EOSS
RT ORBITING LUNAR STATIONS

EPE-A

USE EXPLORER 12 SATELLITE

EPE-B

USE EXPLORER 14 SATELLITE

EPE-C

USE EXPLORER 15 SATELLITE

EPE-D

USE EXPLORER 26 SATELLITE

EPHEMERIDES

GS **EPHEMERIDES**
PLANET EPHEMERIDES
RT ASTRONOMICAL CATALOGS
CELESTIAL MECHANICS
EPHEMERIS TIME
ORBITS
POSITION (LOCATION)

EPHEMERIS TIME

GS TIME
EPHEMERIS TIME
RT EPHEMERIDES
UNIVERSAL TIME

EPICARDIUM

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
EPICARDIUM
TISSUES (BIOLOGY)
EPICARDIUM

EPICYCLOIDS

GS GEOMETRY
CURVES (GEOMETRY)
EPICYCLOIDS
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
EPICYCLOIDS
RT CUSPS (MATHEMATICS)

EPIDEMIOLOGY

GS MEDICAL SCIENCE
EPIDEMIOLOGY
RT INFECTIOUS DISEASES
VACCINES
VETERINARY MEDICINE

EPIDERMIS

GS SKIN (ANATOMY)
EPIDERMIS
RT CONTACT DERMATITIS

EPILEPSY

GS DISEASES
EPILEPSY
RT CRAMPS
HUMAN PATHOLOGY
SHAKING

EPINEPHRINE

UF ADRENALINE
GS DRUGS
EPINEPHRINE
NOREPINEPHRINE
RT ADRENAL GLAND
HEART RATE
STIMULANTS

EPITAXY

GS GROWTH
CRYSTAL GROWTH
EPITAXY
ELECTROEPITAXY
LIQUID PHASE EPITAXY
MOLECULAR BEAM EPITAXY
VAPOR PHASE EPITAXY
RT BIPOLAR TRANSISTORS
CRYSTAL LATTICES
CRYSTAL STRUCTURE
JUNCTION TRANSISTORS

EPITHELIUM

GS SKIN (ANATOMY)
EPITHELIUM
TISSUES (BIOLOGY)
EPITHELIUM
RT ANATOMY
HISTOLOGY

EPNL

USE EFFECTIVE PERCEIVED NOISE LEVELS

EPOCHS

USE TIME MEASUREMENT

EPOXIDATION

GS CHEMICAL REACTIONS
EPOXIDATION
RT OXIDATION

EPOXIDES

USE EPOXY COMPOUNDS

EPOXY COMPOUNDS

UF EPOXIDES
GS **EPOXY COMPOUNDS**
BORON-EPOXY COMPOUNDS
ENDRIN
ETHYLENE OXIDE
HYOSCINE
PROPYLENE OXIDE

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EPOXY COMPOUNDS-(CONT)

RT ∞ CHEMICAL COMPOUNDS
ETHERS

EPOXY MATRIX COMPOSITES

GS COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
RT FIBER ORIENTATION
LOW DENSITY RESEARCH
 ∞ MATERIALS
 ∞ MATRICES
MATRIX MATERIALS
PULTRUSION
SANDWICH STRUCTURES

EPOXY RESINS

GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
EPOXY RESINS
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
EPOXY RESINS
RT ADHESIVES
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
COATINGS
GRAPHITE-EPOXY COMPOSITES
LAY-UP
PREPREGS
RESIN MATRIX COMPOSITES

EQUALIZERS (CIRCUITS)

RT ATTENUATORS
 ∞ FREQUENCY RESPONSE
PHASE SHIFT
SIGNAL PROCESSING

∞ EQUATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF BALANCE EQUATIONS
FORCED VIBRATORY MOTION
EQUATIONS
RT ADIABATIC EQUATIONS
APPROXIMATION
BERNOULLI THEOREM
BETHE-SALPETER EQUATION
BIHARMONIC EQUATIONS
BLASIUS EQUATION
BOLTZMANN TRANSPORT EQUATION
BOLTZMANN-VLASOV EQUATION
BORN APPROXIMATION
BOUNDARY LAYER EQUATIONS
BRILLOUIN-WIGNER EQUATION
BURGER EQUATION
CAUCHY-RIEMANN EQUATIONS
CHANDRASEKHAR EQUATION
CHAPLYGIN EQUATION
CONSERVATION EQUATIONS
CONSTITUTIVE EQUATIONS
CONTINUITY EQUATION
CUBIC EQUATIONS
DIFFERENCE EQUATIONS
DIFFERENTIAL EQUATIONS
DIOPHANTINE EQUATION
DIRAC EQUATION
DONNELL EQUATIONS
DUFFING DIFFERENTIAL EQUATION
EIKONAL EQUATION
EINSTEIN EQUATIONS
ELBER EQUATION
ELLIPTIC DIFFERENTIAL EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE
EQUILIBRIUM EQUATIONS
EULER EQUATIONS OF MOTION
EULER-CAUCHY EQUATIONS
EULER-LAGRANGE EQUATION
EULER-LAMBERT EQUATION
FADDEEV EQUATIONS
FALKNER-SKAN EQUATION
FICKS EQUATION
FLOW EQUATIONS
FOKKER-PLANCK EQUATION
FREDHOLM EQUATIONS
GAUSS EQUATION
GIBBS ADSORPTION EQUATION
 ∞ GIBBS EQUATIONS
GIBBS-HELMHOLTZ EQUATIONS
GLIMM METHOD
HAMILTON-JACOBI EQUATION
 ∞ HELMHOLTZ EQUATIONS

EQUATIONS-(CONT)

HELMHOLTZ VORTICITY EQUATION
 HUGONIOT EQUATION OF STATE
 HYDRODYNAMIC EQUATIONS
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 IDENTITIES
 IN HOUR EQUATION
 INTEGRAL EQUATIONS
 KINEMATIC EQUATIONS
 KINETIC EQUATIONS
 KLEIN-GORDON EQUATION
 KORTEWEG-DEVRIES EQUATION
 KROOK EQUATION
 LAME WAVE EQUATIONS
 LANDAU-GINZBURG EQUATIONS
 LAPLACE EQUATION
 LINEAR EQUATIONS
 LINEAR EVOLUTION EQUATIONS
 LINEARIZATION
 LIOUVILLE EQUATIONS
 MACROSCOPIC EQUATIONS
 MATHIEU FUNCTION
 MAXWELL EQUATION
 MONGE-AMPERE EQUATION
 NAVIER-STOKES EQUATION
 NONHOLONOMIC EQUATIONS
 NONLINEAR EQUATIONS
 NONLINEAR EVOLUTION EQUATIONS
 ORR-SOMMERFELD EQUATIONS
 PARABOLIC DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 PFAFF EQUATION
 POISSON EQUATION
 POLYNOMIALS
 PRIMITIVE EQUATIONS
 QUADRATIC EQUATIONS
 QUARTIC EQUATIONS
 RAYLEIGH EQUATIONS
 REYNOLDS EQUATION
 ROOTS OF EQUATIONS
 SAHA EQUATIONS
 SCHROEDINGER EQUATION
 SEMIEMPIRICAL EQUATIONS
 SHALLOW SHELL EQUATIONS
 SIMULTANEOUS EQUATIONS
 SINGULAR INTEGRAL EQUATIONS
 STOKES-BELTRAMI EQUATION
 THERMODYNAMICS
 VLASOV EQUATIONS
 VOLTERRA EQUATIONS
 VON KARMAN EQUATION
 VORTICITY EQUATIONS
 WAVE EQUATIONS
 WIENER HOPF EQUATIONS

EQUATIONS OF MOTION

UF MOTION EQUATIONS
 GS **EQUATIONS OF MOTION**
 EULER EQUATIONS OF MOTION
 KINETIC EQUATIONS
 HYDRODYNAMIC EQUATIONS
 HELMHOLTZ VORTICITY EQUATION
 KINEMATIC EQUATIONS
 NAVIER-STOKES EQUATION
 REYNOLDS EQUATION
 RT AUTONOMY
 BETHE-SALPETER EQUATION
 CELESTIAL MECHANICS
 CLASSICAL MECHANICS
 COMPUTATIONAL FLUID DYNAMICS
 CONTINUITY EQUATION
 CONTROL MOMENT GYROSCOPES
 ∞ DYNAMICS
 EINSTEIN EQUATIONS
 ∞ EQUATIONS
 EQUILIBRIUM EQUATIONS
 HAMILTON-JACOBI EQUATION
 INERTIA PRINCIPLE
 KINEMATICS
 LISSAJOUS FIGURES
 MACH INERTIA PRINCIPLE
 MOMENTS OF INERTIA
 MOTION AFTEREFFECTS
 SPINNING UNGUIDED ROCKET
 TRAJECTORY
 STABILITY
 SYSTEMS STABILITY
 TRAJECTORIES
 TRAJECTORY ANALYSIS
 VARIABLE MASS SYSTEMS
 VON ZEIPPEL METHOD

EQUATIONS OF STATE

UF STATE EQUATIONS
 GS **EQUATIONS OF STATE**

EQUATIONS OF STATE-(CONT)

RT HUGONIOT EQUATION OF STATE
 ADIABATIC EQUATIONS
 BBGKY HIERARCHY
 BOSE GEOMETRY
 COMPRESSIBILITY
 CONTINUITY EQUATION
 ∞ EQUATIONS
 EQUILIBRIUM EQUATIONS
 IDEAL FLUIDS
 IDEAL GAS
 KINETIC THEORY
 MOLLIER DIAGRAM
 REAL GASES
 THERMODYNAMICS
 VIRIAL COEFFICIENTS

EQUATORIAL ATMOSPHERE

RT ∞ ATMOSPHERES
 ATMOSPHERIC COMPOSITION
 METEOROLOGICAL PARAMETERS
 MIDDLE ATMOSPHERE
 TROPICAL METEOROLOGY
 TROPICAL REGIONS

EQUATORIAL ELECTROJET

GS ELECTRIC CURRENT
 IONOSPHERIC CURRENTS
 ELECTROJETS
EQUATORIAL ELECTROJET
 ELECTRICITY
 ATMOSPHERIC ELECTRICITY
 IONOSPHERIC CURRENTS
 ELECTROJETS
EQUATORIAL ELECTROJET
 RT AURORAL ELECTROJETS

EQUATORIAL ORBITS

GS ORBITS
EQUATORIAL ORBITS
 STATIONARY ORBITS
 RT CIRCULAR ORBITS
 EARTH ORBITS
 ELLIPTICAL ORBITS
 GEOSYNCHRONOUS ORBITS
 LUNAR ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 TWENTY FOUR HOUR ORBITS

EQUATORIAL REGIONS

GS REGIONS
EQUATORIAL REGIONS
 RT ARID LANDS
 EARTH SURFACE
 TROPICAL REGIONS

EQUATORS

GS **EQUATORS**
 LUNAR EQUATOR
 MAGNETIC EQUATOR
 RT COORDINATES
 ROTATING SPHERES
 TRANSEQUATORIAL PROPAGATION

∞ EQUILIBRIUM

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ACID BASE EQUILIBRIUM
 AEROSTATICS
 BALANCE
 BALANCING
 BODY SWAY TEST
 CHEMICAL EQUILIBRIUM
 DIFFUSION
 DIFFUSION COEFFICIENT
 DYNAMIC CHARACTERISTICS
 EQUILIBRIUM EQUATIONS
 HEAT OF DISSOCIATION
 HOMEOSTASIS
 ISOSTASY
 LIQUID-VAPOR EQUILIBRIUM
 LOADS (FORCES)
 MAXWELL-MOHR METHOD
 NONEQUILIBRIUM CONDITIONS
 ONSAGER RELATIONSHIP
 PLASMA EQUILIBRIUM
 RELAXATION (MECHANICS)
 RELAXATION TIME
 STABILITY
 STABILIZATION

EQUILIBRIUM-(CONT)

STATICS
 STEADY STATE
 SYSTEMS STABILITY
 THERMODYNAMIC EQUILIBRIUM
 THERMODYNAMIC PROPERTIES
 THERMODYNAMICS
 TRANSITION POINTS
 UNSTEADY STATE
 VARIABILITY
 WATER BALANCE

EQUILIBRIUM DIAGRAMS

USE PHASE DIAGRAMS

EQUILIBRIUM EQUATIONS

RT ANALYSIS (MATHEMATICS)
 ∞ EQUATIONS
 EQUATIONS OF MOTION
 EQUATIONS OF STATE
 ∞ EQUILIBRIUM

EQUILIBRIUM FLOW

UF STEADY STATE FLOW
 GS FLUID FLOW
 GAS FLOW
EQUILIBRIUM FLOW
 FROZEN EQUILIBRIUM FLOW
 SHIFTING EQUILIBRIUM FLOW
 RT EYRING THEORY
 HEAT TRANSMISSION
 NONEQUILIBRIUM FLOW
 PLASMA EQUILIBRIUM
 QUASI-STEADY STATES
 STEADY FLOW

EQUILIBRIUM METHODS

SN (LIMITED TO STRUCTURAL ANALYSIS)
 GS STRUCTURAL ANALYSIS
EQUILIBRIUM METHODS
 RT MATRIX METHODS
 ∞ METHODOLOGY
 VARIATIONAL PRINCIPLES

EQUINOXES

RT SEASONS
 SOLAR POSITION
 SOLSTICES
 WINTER

EQUIPARTITION THEOREM

UF ENERGY EQUIPARTITION
 GS THEOREMS
EQUIPARTITION THEOREM
 RT DEGREES OF FREEDOM
 ENERGY DISTRIBUTION
 KINETIC ENERGY
 SPECIFIC HEAT

∞ EQUIPMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF APPARATUS
 RT ABORT APPARATUS
 ABSORBERS (EQUIPMENT)
 ACCUMULATORS (COMPUTERS)
 AIR CONDITIONING EQUIPMENT
 AIRBORNE EQUIPMENT
 AIRCRAFT EQUIPMENT
 AIRPORT SURFACE DETECTION
 EQUIPMENT
 AUDIO EQUIPMENT
 AUTOMATIC TEST EQUIPMENT
 AUXILIARY EQUIPMENT (COMPUTERS)
 BEDDING EQUIPMENT
 BOMBING EQUIPMENT
 BREATHING APPARATUS
 COMMUNICATION EQUIPMENT
 COMPUTER STORAGE DEVICES
 CONSOLES
 CRYOGENIC COMPUTER STORAGE
 CRYOGENIC EQUIPMENT
 DATA PROCESSING EQUIPMENT
 DISTILLATION EQUIPMENT
 ELECTROMECHANICAL DEVICES
 ELECTRONIC EQUIPMENT
 GROUND SUPPORT EQUIPMENT
 HANDLING EQUIPMENT
 HARDWARE
 HEATING EQUIPMENT
 HYDRAULIC EQUIPMENT
 LABORATORY EQUIPMENT
 LIGHTING EQUIPMENT
 MECHANICAL DEVICES

EQUIPMENT SPECIFICATIONS

EQUIPMENT-(CONT)

MEDICAL EQUIPMENT
MINIATURE ELECTRONIC EQUIPMENT
ONBOARD EQUIPMENT
PERIPHERAL EQUIPMENT (COMPUTERS)
PHOTOGRAPHIC EQUIPMENT
PNEUMATIC EQUIPMENT
PORTABLE EQUIPMENT
RADAR EQUIPMENT
RIGGING
SAFETY DEVICES
SELF ERECTING DEVICES
SERVICE LIFE
SPACECRAFT EQUIPMENT
SURVIVAL EQUIPMENT
SYRINGES
TELEVISION EQUIPMENT
∞ TEST EQUIPMENT
WIND TUNNEL APPARATUS
X RAY APPARATUS

EQUIPMENT SPECIFICATIONS

GS SPECIFICATIONS
RT EQUIPMENT SPECIFICATIONS
COMMONALITY
∞ DESIGN
FUNCTIONAL DESIGN SPECIFICATIONS
MAINTENANCE
PROCUREMENT

EQUIPOTENTIALS

GS FLUID FLOW
POTENTIAL FLOW
EQUIPOTENTIALS
RT ∞ FLOW GRAPHS
FLOW NETS

EQUIVALENCE

GS MATHEMATICAL LOGIC
SET THEORY
EQUIVALENCE
RT PARITY
PARTITIONS (MATHEMATICS)

EQUIVALENT CIRCUITS

GS CIRCUITS
EQUIVALENT CIRCUITS
RT DUALITY PRINCIPLE
NETWORK ANALYSIS
NETWORK SYNTHESIS
SUPERPOSITION (MATHEMATICS)

ERBE

USE EARTH RADIATION BUDGET
EXPERIMENT

ERBIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
ERBIUM
ERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
ERBIUM
ERBIUM ISOTOPES

ERBIUM ALLOYS

GS ALLOYS
RARE EARTH ALLOYS
ERBIUM ALLOYS

ERBIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
ERBIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

ERBIUM ISOTOPES

UF ERBIUM 169
ERBIUM 171
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
ERBIUM ISOTOPES
RARE EARTH ELEMENTS
ERBIUM
ERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
ERBIUM
ERBIUM ISOTOPES

ERBIUM 169

USE ERBIUM ISOTOPES

ERBIUM 171

USE ERBIUM ISOTOPES

ERECTION

USE CONSTRUCTION

EREP

UF EARTH RESOURCES EXPERIMENT

PACKAGE

GS PACKAGES

INSTRUMENT PACKAGES

EREP

RT ∞ INSTRUMENTS

SKYLAB 1

SKYLAB 2

SKYLAB 3

SKYLAB 4

ERGODIC PROCESS

RT INFORMATION THEORY
PROBABILITY THEORY
STOCHASTIC PROCESSES
THERMODYNAMICS

ERGOMETERS

GS MEASURING INSTRUMENTS

ERGOMETERS

RT DYNAMOMETERS

ERGONOMICS

USE HUMAN FACTORS ENGINEERING

ERGOTAMINE

GS AMINES
ERGOTAMINE
DRUGS
ERGOTAMINE
HETEROCYCLIC COMPOUNDS
ALKALOIDS
ERGOTAMINE
NITROGEN COMPOUNDS
ALKALOIDS
ERGOTAMINE

EROS (SATELLITES)

UF EARTH RESOURCES OBSERVATION

SATELLITES

GS SATELLITES

ARTIFICIAL SATELLITES

EROS (SATELLITES)

RT EARTH RESOURCES

OCEANOGRAPHY

REMOTE SENSORS

SATELLITE OBSERVATION

SCANNING

TERRAIN ANALYSIS

EROS PROJECT

USE EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ

EROSION

UF SCARS (GEOLOGY)

GS EROSION

RAIN EROSION

SOIL EROSION

WATER EROSION

WIND EROSION

RT ABLATION

ABRASION

ARROYOS

ATMOSPHERIC EFFECTS

CAVITATION FLOW

CORROSION

DEGRADATION

DETERIORATION

EROSIVE BURNING

ETCHING

FRETTING

HOT CORROSION

HYDROGEOLOGY

IMPINGEMENT

INLIERS (LANDFORMS)

METAL SURFACES

METAL-WATER REACTIONS

PENEPLAINS

PITTING

PLATEAUS

RAIN IMPACT DAMAGE

RAVINES

RIVERS

NASA THESAURUS (VOLUME 1)

EROSION-(CONT)

SOIL SCIENCE
SPARK MACHINING
SURFACE REACTIONS
TRIBOLOGY
VALLEYS
WAVE RESISTANCE
WEAR
WEAR TESTS
WEATHERING
WIND EFFECTS

EROSIVE BURNING

GS COMBUSTION
EROSIVE BURNING
RT BURNOUT
COMBUSTION TEMPERATURE
DETERIORATION
EROSION
EXHAUST GASES
FUEL COMBUSTION
HYPERSONIC COMBUSTION
OXIDATION
PITTING
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
TRIBOLOGY

ERROR ANALYSIS

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
ERROR ANALYSIS
RT ∞ ANALYZING
∞ APPLICATIONS OF MATHEMATICS
BIT ERROR RATE
BORESIGHT ERROR
CENSORED DATA (MATHEMATICS)
FAULT TOLERANCE
MEAN SQUARE VALUES
PROBABILITY THEORY
RANGE ERRORS
RAYLEIGH DISTRIBUTION
ROOT-MEAN-SQUARE ERRORS

ERROR BAND

USE ACCURACY

ERROR CORRECTING CODES

RT BIT ERROR RATE
∞ CODES
CONCATENATED CODES
DIGITAL TECHNIQUES
REDUNDANCY ENCODING

ERROR CORRECTING DEVICES

RT BCH CODES
CORRECTION
∞ DEVICES
INSTRUMENT COMPENSATION
REDUNDANCY ENCODING

ERROR DETECTION CODES

RT BIT ERROR RATE
∞ CODES
CODING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DIGITAL TECHNIQUES
FAULT TOLERANCE
INFORMATION THEORY
PARITY
PROVING
QUALITY CONTROL
REDUNDANCY
REDUNDANCY ENCODING

ERROR FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
ERROR FUNCTIONS
RT STATISTICAL DISTRIBUTIONS

ERROR SIGNALS

RT BIT ERROR RATE
COMPARATORS
COMPENSATORS
DIFFERENTIAL AMPLIFIERS
DISCRIMINATORS
ERRORS
PHASE ERROR
POSITION ERRORS
RANGE ERRORS
SIGNAL MIXING
∞ SIGNALS
SLEWING

ERRORS

UF INVALIDITY
 GS **ERRORS**
 BORESIGHT ERROR
 INSTRUMENT ERRORS
 PHASE ERROR
 PILOT ERROR
 POSITION ERRORS
 RANDOM ERRORS
 RANGE ERRORS
 ROOT-MEAN-SQUARE ERRORS
 TRUNCATION ERRORS
 VELOCITY ERRORS
 RT ACCURACY
 BIAS
 ∞ COMPENSATION
 COMPUTER PROGRAM INTEGRITY
 CONFIDENCE
 CONSISTENCY
 CORRECTION
 DRIFT (INSTRUMENTATION)
 DYNAMIC CHARACTERISTICS
 ERROR SIGNALS
 HYSTERESIS
 LINEARITY
 MALFUNCTIONS
 MEDIAN (STATISTICS)
 OPTICAL CORRECTION PROCEDURE
 PRECISION
 QUALITY CONTROL
 RANGE (EXTREMES)
 RELIABILITY
 RESOLUTION
 RESPONSE BIAS
 ∞ SCALING
 ∞ TESTS
 TOLERANCES (MECHANICS)

ERS 17

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 17
 RT ATLAS AGENA LAUNCH VEHICLES

ERS 18

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 18

ERS-1 (ESA SATELLITE)

GS SATELLITES
 ARTIFICIAL SATELLITES
 ESA SATELLITES
 ERS-1 (ESA SATELLITE)
 MARITIME SATELLITES
 ERS-1 (ESA SATELLITE)
 RT EUROPEAN SPACE AGENCY

ERTS

USE LANDSAT SATELLITES

ERTS-A

USE LANDSAT 1

ERTS-B

USE LANDSAT 2

ERTS-C

USE LANDSAT 3

ERTS-D

USE LANDSAT 4

ERTS-E

USE LANDSAT E

ERTS-F

USE LANDSAT F

ERYTHROCYTES

UF RED BLOOD CELLS
 GS ANATOMY
 CARDIOVASCULAR SYSTEM
 ERYTHROCYTES
 RETICULOCYTES
 BODY FLUIDS
 BLOOD
 ERYTHROCYTES

ERYTHROCYTES-(CONT)

RETICULOCYTES
 CELLS (BIOLOGY)
ERYTHROCYTES
 RETICULOCYTES
 RT BONE MARROW
 CARBOXYHEMOGLOBIN
 CORPUSCLES
 HEMATOCRIT RATIO
 HEMOGLOBIN
 HEMOLYSIS
 LEUKOCYTES
 OXYHEMOGLOBIN

ESA

USE EUROPEAN SPACE AGENCY

ESA SATELLITES

SN (EUROPEAN SPACE RESEARCH
 ORGANIZATION SATELLITES)
 UF ESRO SATELLITES
 EUROPEAN SPACE RESEARCH
 ORGANIZATION SAT
 GS ESA SPACECRAFT
 ESA SATELLITES
 ESRO 1 SATELLITE
 L-SAT
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOSAT SATELLITE
 OTS (ESA)
 TD SATELLITES
 TD-1 SATELLITE
 SATELLITES
 ARTIFICIAL SATELLITES
 ESA SATELLITES
 AEROSAT SATELLITES
 COS-B SATELLITE
 ERS-1 (ESA SATELLITE)
 ESRO 1 SATELLITE
 ESRO 2 SATELLITE
 ESRO 4 SATELLITE
 EUROPEAN COMMUNICATIONS
 SATELLITE
 EXOSAT SATELLITE
 GEOS SATELLITES (ESA)
 HEOS SATELLITES
 HEOS A SATELLITE
 HEOS B SATELLITE
 HIPPARCOS SATELLITE
 L-SAT
 MAGELLAN MISSION
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOSAT SATELLITE
 OTS (ESA)
 TD SATELLITES
 TD-1 SATELLITE
 RT EARTHNET
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION

ESA SPACECRAFT

SN EUROPEAN SPACE RESEARCH
 ORGANIZATION SATELLITES)
 GS **ESA SPACECRAFT**
 COS-B SATELLITE
 ESA SATELLITES
 ESRO 1 SATELLITE
 L-SAT
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOSAT SATELLITE
 OTS (ESA)
 TD SATELLITES
 TD-1 SATELLITE
 RT GIOTTO MISSION
 ∞ SPACECRAFT

ESAKI DIODES

USE TUNNEL DIODES

ESCALATORS

RT ELEVATORS (LIFTS)
 LADDERS
 ∞ LIFTS
 STAIRWAYS

∞ ESCAPE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ESCAPE (ABANDONMENT)
 ESCAPE CAPSULES

ESCAPE-(CONT)

ESCAPE ROCKETS
 ESCAPE SYSTEMS
 ESCAPE VELOCITY
 LEAKAGE

ESCAPE (ABANDONMENT)

RT BAILOUT
 EJECTION
 EJECTION TRAINING
 ENTRAPMENT
 ∞ ESCAPE
 ESCAPE ROCKETS
 ESCAPE SYSTEMS
 JETTISON SYSTEMS
 JETTISONING
 PARACHUTE DESCENT

ESCAPE CAPSULES

GS SAFETY DEVICES
 ESCAPE CAPSULES
 SPACE CAPSULES
 ESCAPE CAPSULES
 RT ABORT APPARATUS
 ABORTED MISSIONS
 EJECTION SEATS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ∞ ESCAPE
 FLYING EJECTION SEATS
 HIGH ALTITUDE ENVIRONMENTS
 LAUNCH ESCAPE SYSTEMS
 LUNAR ESCAPE DEVICES
 PARACONE
 PRESSURIZED CABINS

ESCAPE ROCKETS

GS SAFETY DEVICES
 ESCAPE ROCKETS
 RT ABORT APPARATUS
 ABORTED MISSIONS
 ∞ ESCAPE
 ESCAPE (ABANDONMENT)
 LAUNCH ESCAPE SYSTEMS
 LUNAR ESCAPE DEVICES
 ∞ ROCKETS
 ∞ SPACECRAFT

ESCAPE SYSTEMS

GS **ESCAPE SYSTEMS**
 LAUNCH ESCAPE SYSTEMS
 RT BAILOUT
 EJECTION
 EJECTION SEATS
 ∞ ESCAPE
 ESCAPE (ABANDONMENT)
 JETTISON SYSTEMS
 PARACONE
 SAFETY FACTORS
 ∞ SYSTEMS

ESCAPE VELOCITY

UF PARABOLIC VELOCITY
 GS RATES (PER TIME)
 ESCAPE VELOCITY
 VELOCITY
 ESCAPE VELOCITY
 RT ∞ ESCAPE
 HIGH SPEED
 HYPERBOLIC TRAJECTORIES
 ∞ HYPERVELOCITY
 ORBITAL VELOCITY
 PLANETARY GRAVITATION
 SCHWARZSCHILD METRIC
 VELOCITY ERRORS

ESCARPMENTS

UF SCARPS
 GS LANDFORMS
 ESCARPMENTS
 RT CLIFFS
 SLOPES
 TOPOGRAPHY

ESCHERICHIA

GS MICROORGANISMS
 BACTERIA
 ESCHERICHIA

ESG (GYROSCOPES)

USE ELECTROSTATIC GYROSCOPES

ESKERS

USE GLACIAL DRIFT

ESKIMOS

ESKIMOS
RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)

ESOPHAGUS
GS ANATOMY
DIGESTIVE SYSTEM
ESOPHAGUS
ORGANS
ESOPHAGUS
VISCERA
ORGANS
ESOPHAGUS

ESRO
USE EUROPEAN SPACE AGENCY

ESRO SATELLITES
USE ESA SATELLITES

ESRO 1 SATELLITE
GS ESA SPACECRAFT
ESA SATELLITES
ESRO 1 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
ESRO 1 SATELLITE
RT EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS

ESRO 2 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
ESRO 2 SATELLITE
RT EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS

ESRO 4 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
ESRO 4 SATELLITE
RT AURORAS
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
PARTICLE DENSITY (CONCENTRATION)
SCIENTIFIC SATELLITES

ESSA SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 1 SATELLITE
ESSA 2 SATELLITE
ESSA 3 SATELLITE
ESSA 4 SATELLITE
ESSA 5 SATELLITE
ESSA 6 SATELLITE
ESSA 7 SATELLITE
ESSA 8 SATELLITE
ESSA 9 SATELLITE
RT CLOUD PHOTOGRAPHY
NIMBUS SATELLITES
SATELLITE OBSERVATION
TIROS SATELLITES

ESSA 1 SATELLITE
UF OT-3
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 1 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 2 SATELLITE
UF OT-2
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 2 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 3 SATELLITE
UF TOS-A
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 3 SATELLITE

ESSA 3 SATELLITE-(CONT)
RT DELTA LAUNCH VEHICLE

ESSA 4 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 4 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 5 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 5 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 6 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 6 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 7 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 7 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 8 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 8 SATELLITE
RT DELTA LAUNCH VEHICLE

ESSA 9 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
ESSA SATELLITES
ESSA 9 SATELLITE
RT DELTA LAUNCH VEHICLE

ESTERS
GS **ESTERS**
ACRYLATES
ALKYLATES
ASPARTATES
CARBAMATES (TRADENAME)
URETHANES
CARBOXYLATES
CHLOROFORMATE
COBALT ACETATES
CYANURATES
GLUTAMATES
GLYCERIDES
ISOCYANATES
DIISOCYANATES
FULMINATES
LACTATES
LEAD ACETATES
MALEATES
MEPROBAMATE
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE
OCTOATES
ORGANIC NITRATES
CELLULOSE NITRATE
NITROFORMS
HYDRAZINE NITROFORM
NITROGLYCERIN
PETN
PHTHALATES
POLYCARBONATES
LEXAN (TRADEMARK)
POLYESTERS
POLYETHYLENE TEREPHTHALATE
SODIUM CHLORODIFLUOROACETATES
SODIUM SALICYLATES
STEARATES
SULFONATES
TRIACETIN
RT ACETATES
ACETYL COMPOUNDS
ALIPHATIC COMPOUNDS
CITRATES

NASA THESAURUS (VOLUME 1)

ESTERS-(CONT)
CYANATES
LIPIDS
NITROSYLS
PLASTICIZERS
SALICYLATES
SKYDROL (TRADEMARK)

ESTIMATES
GS **ESTIMATES**
COST ESTIMATES
RT ALLOCATIONS
COMPARISON
CONFIDENCE LIMITS
CONTINGENCY
CONTRACTS
DAMAGE ASSESSMENT
ESTIMATING
EVALUATION
FORECASTING
LIKELIHOOD RATIO
MANAGEMENT METHODS
MANAGEMENT PLANNING
NOISE PREDICTION (AIRCRAFT)
PARAMETER IDENTIFICATION
PREDICTIONS
PRODUCTION MANAGEMENT
PROJECT PLANNING
QUALITY CONTROL
RELIABILITY
RESERVES
RISK
STATISTICAL ANALYSIS
STATISTICAL TESTS
∞ STATISTICS
SUBCONTRACTS
SYSTEM IDENTIFICATION
VALUE

ESTIMATING
GS **ESTIMATING**
ORBITAL POSITION ESTIMATION
PARAMETER IDENTIFICATION
SYSTEM IDENTIFICATION
RT BUDGETING
CONTRACTS
COSTS
COUNTING
CRITICAL PATH METHOD
DELPHI METHOD (FORECASTING)
∞ DESIGN
ESTIMATES
∞ ESTIMATORS
EVALUATION
FEASIBILITY
FORECASTING
∞ MEASUREMENT
MISSION PLANNING
NUMERICAL DIFFERENTIATION
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
PROJECTS
QUALITY CONTROL
RESERVES
RISK
SAMPLING
STANDARD DEVIATION
STATISTICAL ANALYSIS
STATISTICAL TESTS
∞ STATISTICS
TECHNOLOGICAL FORECASTING
VALUE

ESTIMATORS
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT CORRELATION
COST ESTIMATES
ESTIMATING
PARAMETERIZATION
PERSONNEL

ESTONIA
RT BALTIC SEA
EUROPE
NATIONS

ESTROGENS
GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
ESTROGENS
RT ENDOCRINE GLANDS

ESTROGENS-(CONT)
SEX GLANDS**ESTUARIES**

UF OUTLETS (GEOLOGY)
RT COASTS
FISHERIES
GEOGRAPHY
HARBORS
OCEANOGRAPHY
RIVERS
TIDAL FLATS
TIDES
TRIBUTARIES

ETA-MESONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
ETA-MESONS
FERMIONS
ETA-MESONS
NUCLEAR PARTICLES
BOSONS
MESONS
ETA-MESONS
RT BARYONS
CHARGED PARTICLES
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS

ETCHANTS

RT CORROSION
ETCHING

ETCHING

RT CORROSION
ENGRAVING
EROSION
ETCHANTS
METALLOGRAPHY
PITTING
ULTRASONIC CLEANING

ETHANE

GS ALIPHATIC COMPOUNDS
ALKANES
ETHANE
HYDROCARBONS
ALKANES
ETHANE
RT HYDROCARBON FUELS

ETHERS

GS ETHERS
ACETALS
ANISOLE
DIETHYL ETHER
GALLAMINE TRIETHIODIDE
POLYPHENYL ETHER
RT ANESTHETICS
DRUGS
EPOXY COMPOUNDS
PROPARGYL GROUPS

ETHICS

RT ∞ METHODOLOGY
NORMS
RESEARCH

ETHIOPIA

GS NATIONS
ETHIOPIA
RT AFRICA

ETHNIC FACTORS

GS SOCIOLOGY
SOCIAL FACTORS
ETHNIC FACTORS
RT AMERICAN INDIANS
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
GROUP DYNAMICS
SOCIOLOGY

ETHOXY ETHYLENE

GS ALIPHATIC COMPOUNDS
ETHOXY ETHYLENE

ETHYL ALCOHOL

GS ALIPHATIC COMPOUNDS
ETHYL ALCOHOL

ETHYL ALCOHOL-(CONT)

HYDROXYL COMPOUNDS
ALCOHOLS
ETHYL ALCOHOL
RT ATMOSPHERIC ENERGY SOURCES
CARBOHYDRATES

ETHYL COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
DIETHYL HYDROGEN PHOSPHITE (DEHP)
TETRAETHYL ORTHOSILICATE
TRIETHYL COMPOUNDS

ETHYLENE

GS ALIPHATIC COMPOUNDS
ALKENES
ETHYLENE
VINYLIDENE
HYDROCARBONS
ALKENES
ETHYLENE
VINYLIDENE
RT HYDROCARBON FUELS
POLYETHYLENES

ETHYLENE COMPOUNDS

GS ETHYLENE COMPOUNDS
CHLOROETHYLENE
ETHYLENE DIHYDRAZINE
ETHYLENEDIAMINE
ETHYLENEDIAMINETETRAACETIC ACIDS
RT ∞ CHEMICAL COMPOUNDS

ETHYLENE DIHYDRAZINE

GS ALIPHATIC COMPOUNDS
HYDRAZINES
ETHYLENE DIHYDRAZINE
ETHYLENE COMPOUNDS
ETHYLENE DIHYDRAZINE

ETHYLENE OXIDE

GS EPOXY COMPOUNDS
ETHYLENE OXIDE

ETHYLENEDIAMINE

GS ALIPHATIC COMPOUNDS
ETHYLENEDIAMINE
AMINES
DIAMINES
ETHYLENEDIAMINE
ETHYLENE COMPOUNDS
ETHYLENEDIAMINE

ETHYLENEDIAMINETETRAACETIC ACIDS

UF EDTA
GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
ALIPHATIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
ETHYLENE COMPOUNDS
ETHYLENEDIAMINETETRAACETIC ACIDS
ORGANIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
RT ACETATES
DETERGENTS

ETIOLOGY

RT CASE HISTORIES
CAUSES
DISEASES
PREVENTION

ETR (REACTORS)

USE ENGINEERING TEST REACTORS

ETTINGSHAUSEN COOLERS

USE ETTINGSHAUSEN EFFECT
THERMOELECTRIC COOLING

ETTINGSHAUSEN EFFECT

UF ETTINGSHAUSEN COOLERS
RT COOLING SYSTEMS
 ∞ EFFECTS

ETTINGSHAUSEN EFFECT-(CONT)

TEMPERATURE EFFECTS
THERMOELECTRIC COOLING
THERMOELECTRICITY
THERMOMAGNETIC COOLING
THERMOMAGNETIC EFFECTS

EUCLIDEAN GEOMETRY

UF EUCLIDEAN SPACE
GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CATENARIES
CIRCUMFERENCES
CONICS
ELLIPSES
HYPERBOLAS
PARABOLAS
CYCLOIDS
EPICYCLOIDS
LOCI
MERCATOR PROJECTION
QUADRANTS
S CURVES
GOMPERTZ CURVES
SPHEROIDS
OBLATE SPHEROIDS
PROLATE SPHEROIDS
TANGENTS
TORUSES
TRIGONOMETRY
ANGLES (GEOMETRY)
ANGLE OF ATTACK
ZERO ANGLE OF ATTACK
BRAGG ANGLE
BREWSTER ANGLE
DIHEDRAL ANGLE
ELEVATION ANGLE
LOOK ANGLES (ELECTRONICS)
LOOK ANGLES (TRACKING)
SWEEP ANGLE
SWEEPBACK
LEADING EDGE SWEEP
CARTESIAN COORDINATES
CIRCLES (GEOMETRY)
GREAT CIRCLES
DESCRIPTIVE GEOMETRY
LINES (GEOMETRY)
CHORDS (GEOMETRY)
GEODESIC LINES
POINTS (MATHEMATICS)
FIXED POINTS (MATHEMATICS)
INFLECTION POINTS
POLYGONS
HEXAGONS
TETRAGONS
PARALLELOGRAMS
RHOMBOIDS
RECTANGLES
SQUARES (MATHEMATICS)
TRAPEZOIDS
TRIANGLES
POLYHEDRONS
CUBES (MATHEMATICS)
ICOSAHEDRONS
OCTAHEDRONS
PARALLELEPIPEDS
PYRAMIDS
RHOMBOHEDRONS
TETRAHEDRONS
PROJECTIVE GEOMETRY
MERCATOR PROJECTION
RT RADII
COORDINATES
CURVES (GEOMETRY)
PHASE-SPACE INTEGRAL
POLYTOPES
RIEMANN MANIFOLD
SOBOLEV SPACE
SPHERES

EUCLIDEAN SPACE

USE EUCLIDEAN GEOMETRY

EUDIOMETERS

GS MEASURING INSTRUMENTS
EUDIOMETERS
RT GAS MIXTURES
SPARK IGNITION

EUGLENA

RT ALGAE

EULER BUCKLING

GS BUCKLING

EULER EQUATIONS OF MOTION

EULER BUCKLING-(CONT)

RT EULER BUCKLING
STRESS ANALYSIS

EULER EQUATIONS OF MOTION

GS EQUATIONS OF MOTION
EULER EQUATIONS OF MOTION
RT ∞ EQUATIONS
HYDRODYNAMICS
MOMENTS OF INERTIA
PRIMITIVE EQUATIONS
RIGID STRUCTURES

EULER-CAUCHY EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
EULER-CAUCHY EQUATIONS
RT COMPLEX VARIABLES
CONFORMAL MAPPING
 ∞ EQUATIONS
VECTOR ANALYSIS

EULER-LAGRANGE EQUATION

UF LAGRANGE EQUATIONS OF MOTION
RT CALCULUS OF VARIATIONS
CASTIGLIANO VARIATIONAL THEOREM
CLASSICAL MECHANICS
 ∞ EQUATIONS
EXTREMUM VALUES

EULER-LAMBERT EQUATION

RT ELLIPTICAL ORBITS
 ∞ EQUATIONS

EURECA (ESA)

UF EUROPEAN RETRIEVABLE CARRIER
GS SPACE PLATFORMS
EURECA (ESA)
RT SPACE SHUTTLES

EUROPA

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
EUROPA
SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
EUROPA
RT CHARON
JUPITER (PLANET)

EUROPA LAUNCH VEHICLES

GS LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE
EUROPA 2 LAUNCH VEHICLE
EUROPA 3 LAUNCH VEHICLE
EUROPA 4 LAUNCH VEHICLE
RT ARIANE LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
 ∞ VEHICLES

EUROPA 1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE

EUROPA 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 2 LAUNCH VEHICLE
RT COS-B SATELLITE

EUROPA 3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 3 LAUNCH VEHICLE

EUROPA 4 LAUNCH VEHICLE

GS LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 4 LAUNCH VEHICLE

EUROPE

GS CONTINENTS
EUROPE
RT ALBANIA

EUROPE-(CONT)

ALPS MOUNTAINS (EUROPE)
ANDORRA
AUSTRIA
BALTIC SHIELD (EUROPE)
BELGIUM
BULGARIA
CARPATHIAN MOUNTAINS (EUROPE)
CENTRAL EUROPE
CZECHOSLOVAKIA
DENMARK
EAST GERMANY
ESTONIA
FINLAND
FRANCE
GREECE
HUNGARY
ITALY
LATVIA
LIECHTENSTEIN
LITHUANIA
LUXEMBOURG
MONACO
NATIONS
NETHERLANDS
NORWAY
POLAND
PORTUGAL
ROMANIA
SAN MARINO
SPAIN
SWEDEN
SWITZERLAND
TURKEY
U S S R
UNITED KINGDOM
VATICAN CITY
WEST GERMANY
YUGOSLAVIA

EUROPEAN AIRBUS

UF AIRBUS
GS COMMERCIAL AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
JET AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
PASSENGER AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
A-320 AIRCRAFT
RT ∞ AIRCRAFT
INTERNATIONAL COOPERATION

EUROPEAN COMMUNICATIONS SATELLITE

UF ECS
GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
EUROPEAN COMMUNICATIONS
SATELLITE
ESA SATELLITES
EUROPEAN COMMUNICATIONS
SATELLITE
RT EUROPEAN SPACE PROGRAMS
OTS (ESA)

EUROPEAN INCOHERENT SCATTER RADAR

USE EISCAT RADAR SYSTEM (EUROPE)

EUROPEAN LARGE TELECOMM SATELLITE

USE L-SAT

EUROPEAN RETRIEVABLE CARRIER

USE EURECA (ESA)

EUROPEAN SPACE AGENCY

UF ESA
ESRO
EUROPEAN SPACE RESEARCH
ORGANIZATION
GS ORGANIZATIONS
EUROPEAN SPACE AGENCY
RT ARIANE LAUNCH VEHICLE

NASA THESAURUS (VOLUME 1)

EUROPEAN SPACE AGENCY-(CONT)

ELDO LAUNCH VEHICLE
ERS-1 (ESA SATELLITE)
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE PROGRAMS
EXPOS (SPACELAB PAYLOAD)
GEOSARI PROJECT
ICL COMPUTERS
LIRTS (TELESCOPE)
MAROTS (ESA)
METEOSAT SATELLITE
SPACE PROGRAMS

EUROPEAN SPACE PROGRAMS

GS PROGRAMS
SPACE PROGRAMS
EUROPEAN SPACE PROGRAMS
RT AEROSAT SATELLITES
AMPTE (SATELLITES)
ARIANE LAUNCH VEHICLE
AZUR SATELLITE
COMMITTEE ON SPACE RESEARCH
COS-B SATELLITE
DIAL SATELLITE
EARTHNET
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN COMMUNICATIONS
SATELLITE
EUROPEAN SPACE AGENCY
EXOSAT SATELLITE
FOREIGN POLICY
FRENCH SATELLITES
FRENCH SPACE PROGRAMS
GEOS SATELLITES (ESA)
HEOS SATELLITES
HIPPARCOS SATELLITE
INTERNATIONAL MAGNETOSPHERIC
STUDY
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
IRIS SATELLITES
ITALIAN SPACE PROGRAM
MARECS MARITIME SATELLITES
METEOSAT SATELLITE
OTS (ESA)
QUASAT
SWEDISH SPACE PROGRAM
SWISS SPACE PROGRAM
SYMPHONIE SATELLITES
U S S R SPACE PROGRAM

EUROPEAN SPACE RESEARCH ORGANIZATION

USE EUROPEAN SPACE AGENCY

EUROPEAN SPACE RESEARCH ORGANIZATION

SAT
USE ESA SATELLITES

EUROPEAN 1 SPACECRAFT

GS SATELLITES
ARTIFICIAL SATELLITES
EUROPEAN 1 SPACECRAFT
RT ELDO LAUNCH VEHICLE

EUROPIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
EUROPIUM
EUROPIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
EUROPIUM
EUROPIUM ISOTOPES

EUROPIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
EUROPIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

EUROPIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
EUROPIUM ISOTOPES
RARE EARTH ELEMENTS
EUROPIUM

EUROPIUM ISOTOPES-(CONT)

EUROPIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
EUROPIUM
EUROPIUM ISOTOPES

EUSTACHIAN TUBES

GS ANATOMY
SENSE ORGANS
EUSTACHIAN TUBES
RT EAR
EARDRUMS
∞ TUBES

EUTECTIC ALLOYS

GS ALLOYS
EUTECTIC ALLOYS
BINARY SYSTEMS (MATERIALS)
BINARY MIXTURES
EUTECTICS
EUTECTIC ALLOYS
MIXTURES
BINARY MIXTURES
EUTECTICS
EUTECTIC ALLOYS
RT LAMELLA (METALLURGY)
SUPERPLASTICITY
WHISKER COMPOSITES

EUTECTIC COMPOSITES

GS COMPOSITE MATERIALS
METAL MATRIX COMPOSITES
EUTECTIC COMPOSITES
RT ALLOYS
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
EUTECTICS
FRACTURE STRENGTH
∞ MATRICES
METALS
MIXTURES
PRECIPITATION HARDENING

EUTECTIC DIAGRAMS

USE PHASE DIAGRAMS

EUTECTICS

GS BINARY SYSTEMS (MATERIALS)
BINARY MIXTURES
EUTECTICS
EUTECTIC ALLOYS
MIXTURES
BINARY MIXTURES
EUTECTICS
EUTECTIC ALLOYS
RT ALLOYS
EUTECTIC COMPOSITES
LIQUID PHASES
PHASE DIAGRAMS
SOLID PHASES
SOLUTIONS
SYNTECTIC ALLOYS

EUTROPHICATION

RT ENVIRONMENT EFFECTS
LAKES
∞ NUTRIENTS

EUVE

USE EXTREME ULTRAVIOLET EXPLORER
SATELLITE

EUXENITE

GS MINERALS
EUXENITE
RT NIOBATES
OXIDES
TITANATES

∞ EVACUATING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)

EVACUATING (TRANSPORTATION)

SN (CLEARANCE OF PERSONNEL, ANIMALS,
OR MATERIAL FROM A GIVEN
LOCALITY)
RT C-9 AIRCRAFT
CASUALTIES
CIVIL DEFENSE

EVACUATING (TRANSPORTATION)-(CONT)

EJECTION
ELIMINATION
∞ EVACUATING
HOSPITALS
MOBILE QUARANTINE FACILITY
REMOVAL
TRANSPORTATION
UNLOADING

EVACUATING (VACUUM)

UF GAS EVACUATING
RT DRAINAGE
EJECTION
ELIMINATION
∞ EVACUATING
EXHAUSTING
GAS POCKETS
PURGING
REMOVAL
SUCTION
VACUUM
VACUUM PUMPS
VENTING
VENTS

EVAL

USE EARTH VIEWING APPLICATIONS
LABORATORY

EVALUATION

GS EVALUATION
TRAINING EVALUATION
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
∞ ANALYZING
APPROACH AND LANDING TESTS (STS)
ASSESSMENTS
CERTIFICATION
∞ CLASSIFYING
COMPARISON
COMPUTER SYSTEMS PERFORMANCE
CORRELATION
COSTS
CRITERIA
CROP IDENTIFICATION
∞ DISCUSSION
ECONOMICS
ESTIMATES
ESTIMATING
EXAMINATION
FEASIBILITY
FIGURE OF MERIT
FORECASTING
∞ INDICATION
INSPECTION
MANAGEMENT
∞ MEASUREMENT
NORMALIZING (STATISTICS)
OBSERVATION
∞ PERFORMANCE
PERFORMANCE PREDICTION
POSITION (TITLE)
PROVING
QUALITY
RANKING
RATINGS
REJECTION
RESERVES
REVIEWING
SELECTION
STATISTICAL CORRELATION
TECHNOLOGY ASSESSMENT
∞ TESTS
TIMBER IDENTIFICATION
VALUE

EVANESCENCE

RT EVAPORATION
SURFACE PROPERTIES
TRANSPIRATION

EVAPORATION

GS PHASE TRANSFORMATIONS
VAPORIZING
EVAPORATION
EVAPOTRANSPIRATION
PROPELLANT EVAPORATION
TRANSPIRATION
RT BOILING
CONCENTRATING
CONDENSING
DEHYDRATION
DIFFUSION
DISTILLATION

EVAPORATION-(CONT)

DRYING
EVANESCENCE
EVAPORATIVE COOLING
EVAPOROGRAPHY
FLASHING (VAPORIZING)
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
LIQUID-VAPOR INTERFACES
PERSPIRATION
RESERVOIRS
RESPIRATORY SYSTEM
∞ SEPARATION
SKIN (ANATOMY)
SUBLIMATION
VOLATILITY
WATER LOSS

EVAPORATION RATE

GS RATES (PER TIME)
EVAPORATION RATE
RT HEAT TRANSFER COEFFICIENTS

EVAPORATIVE COOLING

GS COOLING
EVAPORATIVE COOLING
FILM COOLING
SWEAT COOLING
RT COOLING SYSTEMS
CRYOGENIC FLUID STORAGE
EVAPORATION
PROPELLANT EVAPORATION
SURFACE COOLING

EVAPORATORS

GS HEATING EQUIPMENT
VAPORIZERS
EVAPORATORS
SEPARATORS
EVAPORATORS
RT AIR CONDITIONING EQUIPMENT
ATOMIZERS
CONCENTRATORS
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
DRYING APPARATUS
HEAT EXCHANGERS
REFRIGERATING MACHINERY

EVAPOROGRAPHY

RT EVAPORATION
IMAGES
INFRARED RADIATION
PHOTOGRAPHY

EVAPOTRANSPIRATION

GS PHASE TRANSFORMATIONS
VAPORIZING
EVAPORATION
EVAPOTRANSPIRATION
RT TRANSPIRATION
VADOSE WATER

EVASIVE ACTIONS

GS MANEUVERS
EVASIVE ACTIONS
RT ELECTRONIC WARFARE
OBSTACLE AVOIDANCE
TACTICS
WARFARE

EVASIVE SATELLITES

GS MANEUVERABLE SPACECRAFT
EVASIVE SATELLITES
SATELLITES
ARTIFICIAL SATELLITES
EVASIVE SATELLITES
RT MILITARY SPACECRAFT

EVECTION

USE LUNAR ORBITS
ORBIT PERTURBATION
SOLAR GRAVITATION

EVEN-EVEN NUCLEI

GS GASES
IONIZED GASES
CHARGED PARTICLES
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI
RT NUCLEAR STRUCTURE
ODD-EVEN NUCLEI
ODD-ODD NUCLEI

EVENING

EVENING

RT DAYTIME
NIGHT
SUNSET

EVENTS

GS **EVENTS**
CONSECUTIVE EVENTS
RT OCCURRENCES
PROBABILITY DENSITY FUNCTIONS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES

EVERGLADES (FL)

RT FLORIDA

EVOKED RESPONSE (PSYCHOPHYSIOLOGY)

RT PHYSIOLOGICAL RESPONSES
PSYCHOPHYSIOLOGY

EVOLUTION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT BIOGENY
CHEMICAL EVOLUTION
EVOLUTION (DEVELOPMENT)
EVOLUTION (LIBERATION)
EXISTENCE

EVOLUTION (DEVELOPMENT)

GS **EVOLUTION (DEVELOPMENT)**
BIOLOGICAL EVOLUTION
ABIOTIC EVOLUTION
CHEMICAL EVOLUTION
GALACTIC EVOLUTION
LUNAR EVOLUTION
PLANETARY EVOLUTION
STELLAR EVOLUTION
STELLAR MASS ACCRETION
RT ∞ BIOLOGY
 ∞ DEVELOPMENT
 ∞ EVOLUTION
 ∞ EXTINCTION
GENETICS
GROWTH
HEREDITY
INTERSTELLAR EXTINCTION
ONTOGENY
SPECIES DIFFUSION

EVOLUTION (LIBERATION)

GS **EVOLUTION (LIBERATION)**
GAS EVOLUTION
RT BOILING
DESORPTION
 ∞ EVOLUTION
OUTGASSING
TRANSPIRATION
VAPORIZING

EXACTNESS

USE PRECISION

EXAMINATION

GS **EXAMINATION**
EYE EXAMINATIONS
RT ACCEPTABILITY
 ∞ ANALYZING
CHARACTERIZATION
CLINICAL MEDICINE
COMPARISON
CONICAL SCANNING
DETECTION
DIAGNOSIS
 ∞ DISCUSSION
EVALUATION
EXPLORATION
INSPECTION
INVESTIGATION
 ∞ MEASUREMENT
OBSERVATION
 ∞ PERFORMANCE
PROVING
REVIEWING
SCANNING
 ∞ TESTS
TRAINING EVALUATION
ULTRASONIC FLAW DETECTION

EXCAVATION

UF DITCHING (EXCAVATION)

EXCAVATION-(CONT)

GS **EXCAVATION**
TUNNELING (EXCAVATION)
RT BOREHOLES
CONSTRUCTION
 ∞ DITCHING
DRAINAGE
EXPLORATION
FOUNDATIONS
MATERIALS HANDLING
MINERAL DEPOSITS
MINERAL EXPLORATION
MINING
PITS (EXCAVATIONS)
STRIP MINING
UNDERGROUND STRUCTURES

EXCHANGERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT HEAT EXCHANGERS

EXCHANGING

GS **EXCHANGING**
CHARGE EXCHANGE
RESONANCE CHARGE EXCHANGE
GAS EXCHANGE
ION EXCHANGING
SPIN EXCHANGE
RT ∞ CONVERSION
DEIONIZATION
 ∞ SEPARATION
 ∞ SHIFT
TRANSFERRING

EXCIMER LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
RT **EXCIMER LASERS**
ELECTRON PUMPING
FLUORIDES
HALOGENS
LASER OUTPUTS
LASING
OPTICAL PUMPING
 ∞ RARE GAS COMPOUNDS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS

EXCIMERS

RT ELECTRON ORBITALS
ELECTRON STATES
ELECTRON TRANSITIONS
INTERMOLECULAR FORCES
MOLECULAR ENERGY LEVELS
 ∞ RARE GAS COMPOUNDS

EXCITATION

UF EXCITED STATES
GS **EXCITATION**
ATOMIC EXCITATIONS
MOLECULAR EXCITATION
SELF EXCITATION
WAVE EXCITATION
ACOUSTIC EXCITATION
HARMONIC EXCITATION
RT ACTIVATION
ACTUATION
ATOMIC ENERGY LEVELS
AURORAL IONIZATION
AURORAL IRRADIATION
ELECTROMAGNETIC ABSORPTION
ELECTRON STATES
ELECTRON TRANSITIONS
EMISSION
ENERGY LEVELS
IONIZATION
IRRADIATION
METASTABLE STATE
RADIATION TRAPPING
RELAXATION TIME
ROTONS
STARTING
TRANSITION PROBABILITIES

EXCITED STATES

USE EXCITATION

EXCITONS

GS ELEMENTARY EXCITATIONS
EXCITONS
RT CARRIER MOBILITY
ELECTRICAL INSULATION

NASA THESAURUS (VOLUME 1)

EXCITONS-(CONT)

ELECTRONS
ENERGY BANDS
HOLES (ELECTRON DEFICIENCIES)
IONIC CRYSTALS
LIGHT (VISIBLE RADIATION)
OPTICAL PROPERTIES
PHOTOELECTROMAGNETIC EFFECTS
PLASMONS
POSITRONIUM
SEMICONDUCTORS (MATERIALS)
SPECTRA
SUHL EFFECT

EXCLUSION

RT ELIMINATION
ISOLATION
PAULI EXCLUSION PRINCIPLE
REJECTION
 ∞ SEPARATION

EXCRETION

RT EXPULSION
FECEs
HUMAN WASTES
PERSPIRATION
URINE

EXECUTIVE AIRCRAFT

USE GENERAL AVIATION AIRCRAFT
PASSENGER AIRCRAFT

EXERCISE

USE PHYSICAL EXERCISE

EXERCISE PHYSIOLOGY

GS PHYSIOLOGY
EXERCISE PHYSIOLOGY
RT CIRCULATORY SYSTEM
HUMAN BODY
LOCOMOTION
MUSCULAR TONUS
PHYSICAL FITNESS
PHYSIOCHEMISTRY
PHYSIOLOGICAL EFFECTS
RESPIRATORY PHYSIOLOGY
SPORTS MEDICINE
STRESS (PHYSIOLOGY)

EXERTION

USE PHYSICAL WORK

EXHALATION

RT ALVEOLAR AIR
EXPIRED AIR
RESPIROMETERS

EXHAUST DIFFUSERS

RT CONICAL NOZZLES
 ∞ DIFFUSERS
EJECTORS
 ∞ JET NOZZLES
SUPERSONIC DIFFUSERS
VANELESS DIFFUSERS

EXHAUST EMISSION

GS DECAY
EMISSION
EXHAUST EMISSION
RT GAS-GAS INTERACTIONS
GAS-METAL INTERACTIONS
HIGH TEMPERATURE GASES
INFRARED RADIATION
JET EXHAUST
PARTICLE EMISSION
POLLUTION TRANSPORT
RELEASING
THERMAL EMISSION

EXHAUST FLOW SIMULATION

GS SIMULATION
EXHAUST FLOW SIMULATION
RT ATMOSPHERIC ENTRY SIMULATION
FLOW DISTRIBUTION
MATHEMATICAL MODELS
WIND TUNNELS

EXHAUST GASES

UF EXHAUST JETS
GS GASES
EXHAUST GASES
FLUE GASES
RT AIR POLLUTION
 ∞ BLASTS

NASA THESAURUS (VOLUME 1)

EXHAUST GASES-(CONT)

COMBUSTION EFFICIENCY
COMBUSTION PRODUCTS
DILUENTS
EFFLUENTS
ENVIRONMENT EFFECTS
EROSIVE BURNING
EXHAUSTING
FUMES
GAS MIXTURES
GAS RECOVERY
INFRARED SUPPRESSION
JET BLAST EFFECTS
JET EXHAUST
NOZZLE FLOW
ODORS
POLLUTION TRANSPORT
PROPULSION
REACTION PRODUCTS
ROCKET EXHAUST
SMOG
SMOKE
SMOKE ABATEMENT
VAPORS
WASTE DISPOSAL
WASTE ENERGY UTILIZATION
WASTES

EXHAUST JETS

USE EXHAUST GASES

EXHAUST NOZZLES

GS **EXHAUST NOZZLES**
CONVERGENT-DIVERGENT NOZZLES
PLUG NOZZLES
SPIKE NOZZLES
TURBINE EXHAUST NOZZLES
RT AIR DUCTS
ANNULAR NOZZLES
BASE HEATING
CONICAL NOZZLES
DIVERGENT NOZZLES
EJECTORS
∞ FLOW
INFRARED SUPPRESSION
INLET NOZZLES
JET ENGINES
∞ JET NOZZLES
NOZZLE FLOW
NOZZLE INSERTS
∞ NOZZLES
OPENINGS
OUTLETS
ROCKET ENGINES
SKIRTS

EXHAUST SYSTEMS

RT AFTERBURNING
AIR CONDITIONING
AIR POLLUTION
BLOWERS
CHIMNEYS
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
DUCTS
DUST COLLECTORS
EJECTORS
ELIMINATION
ENGINES
EXHAUSTING
FLUES
FUEL TANK PRESSURIZATION
INTAKE SYSTEMS
INTERNAL COMBUSTION ENGINES
MANIFOLDS
MUFFLERS
OPENINGS
OUTLETS
PIPE NOZZLES
PLENUM CHAMBERS
PORTS (OPENINGS)
ROCKET EXHAUST
∞ SYSTEMS
TEMPERATURE CONTROL
VENTILATION
VENTILATORS
VENTS
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EXHAUST VELOCITY

GS RATES (PER TIME)
EXHAUST VELOCITY
VELOCITY
EXHAUST VELOCITY
RT ACOUSTIC VELOCITY

EXHAUST VELOCITY-(CONT)

CRITICAL VELOCITY
EXPULSION
FLOW VELOCITY

EXHAUSTING

RT BLOWING
BREATHING VIBRATION
CONSUMPTION
DECONTAMINATION
∞ DISCHARGE
DISPERSING
DISPOSAL
DISSIPATION
EJECTION
ELIMINATION
EVACUATING (VACUUM)
EXHAUST GASES
EXHAUST SYSTEMS
RELIEVING
REMOVAL
VENTILATION
VENTING

EXHAUSTION

RT CONSUMPTION
DEPLETION
FATIGUE (BIOLOGY)
HYPERKINESIA

EXISTENCE

RT COSMOLOGY
∞ EVOLUTION
LIFE SPAN
VALIDITY

EXISTENCE THEOREMS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
EXISTENCE THEOREMS
THEOREMS
EXISTENCE THEOREMS
RT PROBLEM SOLVING
ROOTS OF EQUATIONS

EXITS (DOORS)

USE DOORS

EXOBIOLOGY

UF ASTROBIOLOGY
SPACE BIOLOGY
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
BIOASTRONAUTICS
∞ BIOLOGY
CARBONACEOUS METEORITES
CHEMICAL EVOLUTION
ENVIRONMENT MODELS
EXTRATERRESTRIAL LIFE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
PANSPERMIA
PLANETARY ENVIRONMENTS
SPACECRAFT CONTAMINATION
SPACECRAFT ENVIRONMENTS
SPACECRAFT STERILIZATION

EXOPHORIA

USE HETEROPHORIA

EXOS SOUNDING ROCKET

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
EXOS SOUNDING ROCKET
SOUNDING ROCKETS
EXOS SOUNDING ROCKET
RT HONEST JOHN ROCKET VEHICLE
NIKE-AJAX MISSILE
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE

EXOSAT SATELLITE

UF HELOS (SATELLITE)
HIGH ECCENTRIC LUNAR OCCULTATION
SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
EXOSAT SATELLITE
SCIENTIFIC SATELLITES
EXOSAT SATELLITE
UNMANNED SPACECRAFT
EXOSAT SATELLITE
RT ECCENTRIC ORBITS

EXPECTANCY HYPOTHESIS

EXOSAT SATELLITE-(CONT)

EUROPEAN SPACE PROGRAMS
LUNAR OCCULTATION
X RAY ASTRONOMY
X RAY SOURCES

EXOSKELETONS

RT ANATOMY
ARTHROPODS
BODY COMPOSITION (BIOLOGY)
BONES
CONNECTIVE TISSUE
MUSCULOSKELETAL SYSTEM
PHYSIOLOGY

EXOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EXOSPHERE
RT HETEROSPHERE
IONOSPHERE
MAGNETOSPHERE
RADIATION BELTS
THERMOSPHERE

EXOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
EXOTHERMIC REACTIONS
RT ASSOCIATION REACTIONS
COMBUSTION
ENDOTHERMIC REACTIONS
INCENDIARY AMMUNITION
PYROLYSIS
THERMAL DECOMPOSITION

EXPANDABLE STRUCTURES

GS **EXPANDABLE STRUCTURES**
BELLWS
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
JIMSPHERE BALLOONS
SKYHOOK BALLOONS
SUPERPRESSURE BALLOONS
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JIMSPHERE BALLOONS
ROBIN BALLOONS
MICROBALLOONS
TETHERED BALLOONS
BALLUTES
GAS BAGS
INFLATABLE GLIDERS
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
PARAVULCOONS
RT EXPULSION BLADDERS
FOLDING STRUCTURES
LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES
∞ SPACECRAFT
∞ STRUCTURES
VARIABLE GEOMETRY STRUCTURES

EXPANSION

UF ENLARGING
GS **EXPANSION**
GAS EXPANSION
KARHUNEN-LOEVE EXPANSION
PRANDTL-MEYER EXPANSION
SERIES EXPANSION
THERMAL EXPANSION
RT ADIABATIC CONDITIONS
DISTORTION
ELONGATION
EXTENSIONS
INFLATING
RAREFACTION
RELAXATION (MECHANICS)
SWELLING
THERMAL BUCKLING

EXPANSION WAVES

USE ELASTIC WAVES

EXPECTANCY HYPOTHESIS

GS HYPOTHESES
EXPECTANCY HYPOTHESIS
RT MONTE CARLO METHOD
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

EXPECTATION

EXPECTATION

RT CONTINGENCY
DECISION THEORY
FORECASTING
RELIABILITY

EXPEDITIONS

RT EXPLORATION
∞ MISSIONS
SPACE FLIGHT

EXPELLANTS

RT COUGH
∞ DISCHARGE
EXPULSION
FLUSHING

EXPENDABLE STAGES (SPACECRAFT)

RT BOOSTER RECOVERY
BOOSTER ROCKET ENGINES
ENGINES
MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
ROCKET ENGINES
SPACE SHUTTLES
STAGE SEPARATION

EXPERIENCE

RT EDUCATION
QUALIFICATIONS
UPGRADING

EXPERIMENT DESIGN

SN (DESIGN OF EXPERIMENTS EXCLUDES
PROTOTYPES)
UF DESIGN OF EXPERIMENTS
GS **EXPERIMENT DESIGN**
FACTORIAL DESIGN
RT COVARIANCE
DEGREES OF FREEDOM
∞ DESIGN
FACTOR ANALYSIS
LABORATORIES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING
VARIANCE (STATISTICS)

EXPERIMENTAL BOILING WATER REACTORS

UF EBWR (REACTOR)
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BOILING WATER REACTORS
WATER MODERATED REACTORS
EXPERIMENTAL BOILING WATER REACTORS

EXPERIMENTAL BREEDER REACTOR 1

UF EBR-1 REACTOR
GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR 1
FAST NUCLEAR REACTORS
EXPERIMENTAL BREEDER REACTOR 1
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
EXPERIMENTAL BREEDER REACTOR 1
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BREEDER REACTOR 1

EXPERIMENTAL BREEDER REACTOR 2

UF EBR-2 REACTOR
GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR 2
FAST NUCLEAR REACTORS

EXPERIMENTAL BREEDER REACTOR 2-(CONT)

EXPERIMENTAL BREEDER REACTOR 2
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
EXPERIMENTAL BREEDER REACTOR 2
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BREEDER REACTOR 2

EXPERIMENTAL GAS COOLED REACTORS

UF EGCR (REACTOR)
GS NUCLEAR REACTORS
GAS COOLED REACTORS
EXPERIMENTAL GAS COOLED REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL GAS COOLED REACTORS

EXPERIMENTAL ORGANIC COOLED REACTORS

UF EOCR (REACTOR)
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
ORGANIC COOLED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS
ORGANIC MODERATED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS

EXPERIMENTAL REFLECTOR ORBITAL SHOT

PROJ
UF EROS PROJECT
GS PROGRAMS
PROJECTS
EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ

EXPERIMENTAL STOL TRANSPORT RSCH

AIRPLANE
USE QUESTOL

EXPERIMENTATION

GS **EXPERIMENTATION**
PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
SPHINX
RT CRITICAL EXPERIMENTS
EXPLORATION
INVESTIGATION
LABORATORIES
SPACEBORNE EXPERIMENTS

EXPERT SYSTEMS

UF KNOWLEDGE ENGINEERING
GS INTELLIGENCE
ARTIFICIAL INTELLIGENCE
EXPERT SYSTEMS
RT COMPUTER PROGRAMMING
∞ LOGIC
LOGIC PROGRAMMING

EXPIRATION

RT ∞ BREATHING
DEATH
EXPIRED AIR
EXPULSION
MORTALITY
RESPIRATION

EXPIRED AIR

GS GASES
AIR
EXPIRED AIR
GAS MIXTURES
EXPIRED AIR
RT ALVEOLAR AIR
EXHALATION
EXPIRATION
GAS COMPOSITION
METABOLIC WASTES
REBREATHING
RESPIRATION

NASA THESAURUS (VOLUME 1)

EXPLODING CONDUCTOR CIRCUITS

USE CIRCUITS
EXPLODING WIRES

EXPLODING CONDUCTORS

USE EXPLODING WIRES

EXPLODING WIRES

UF EXPLODING CONDUCTOR CIRCUITS
EXPLODING CONDUCTORS
GS EXPLOSIVE DEVICES
INITIATORS (EXPLOSIVES)
EXPLODING WIRES
WIRE
EXPLODING WIRES
RT BOOSTERS (EXPLOSIVES)
CAPS (EXPLOSIVES)
CONDUCTORS
DETONATORS
ELECTRIC WIRE
PLASMA GENERATORS
PRIMERS (EXPLOSIVES)
RADIATION TRANSPORT
SHOCK WAVES
WIRE BRIDGE CIRCUITS

EXPLOITATION

RT BENEFICIATION
DEPLETION
∞ DEVELOPMENT
EXPLORATION
GEOLOGY
LAND USE
MINES (EXCAVATIONS)
MINING
RESERVES
STRIP MINING

EXPLORATION

UF DISCOVERING
PROSPECTING
GS **EXPLORATION**
LUNAR EXPLORATION
MINERAL EXPLORATION
OIL EXPLORATION
SPACE EXPLORATION
RT BOREHOLES
DETECTION
DRILLING
EXAMINATION
EXCAVATION
EXPEDITIONS
EXPERIMENTATION
EXPLOITATION
GEOLOGICAL SURVEYS
GEOLOGY
GEOTHERMAL TECHNOLOGY
INVESTIGATION
MINES (EXCAVATIONS)
OSS-1 PAYLOAD
RESEARCH
RESERVES
SAMPLING
SPACE FLIGHT
SURVEYS
UNDERGROUND ACOUSTICS

EXPLORER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
APPLICATIONS' EXPLORER
SATELLITES
COSMIC BACKGROUND EXPLORER
SATELLITE
DUAL AIR DENSITY EXPLORER
DYNAMICS EXPLORER SATELLITES
DYNAMICS EXPLORER 1
SATELLITE
DYNAMICS EXPLORER 2
SATELLITE
EXPLORER 1 SATELLITE
EXPLORER 2 SATELLITE
EXPLORER 3 SATELLITE
EXPLORER 4 SATELLITE
EXPLORER 5 SATELLITE
EXPLORER 6 SATELLITE
EXPLORER 7 SATELLITE
EXPLORER 8 SATELLITE
EXPLORER 9 SATELLITE
EXPLORER 10 SATELLITE
EXPLORER 11 SATELLITE
EXPLORER 12 SATELLITE
EXPLORER 14 SATELLITE
EXPLORER 15 SATELLITE

NASA THESAURUS (VOLUME 1)

EXPLORER SATELLITES-(CONT)

EXPLORER 16 SATELLITE
EXPLORER 17 SATELLITE
EXPLORER 18 SATELLITE
EXPLORER 19 SATELLITE
EXPLORER 20 SATELLITE
EXPLORER 21 SATELLITE
EXPLORER 22 SATELLITE
EXPLORER 23 SATELLITE
EXPLORER 24 SATELLITE
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EXPLORER 26 SATELLITE
EXPLORER 27 SATELLITE
EXPLORER 28 SATELLITE
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EXPLORER 32 SATELLITE
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EXPLORER 46 SATELLITE
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EXPLORER 48 SATELLITE
EXPLORER 49 SATELLITE
EXPLORER 50 SATELLITE
EXPLORER 51 SATELLITE
EXPLORER 52 SATELLITE
EXPLORER 53 SATELLITE
EXPLORER 54 SATELLITE
EXPLORER 55 SATELLITE
EXTREME ULTRAVIOLET EXPLORER
SATELLITE
FAR UV SPECTROSCOPIC
EXPLORER
IMP
INTERNATIONAL MAGNETOSPHERIC
EXPLORER
INTERNATIONAL SUN EARTH
EXPLORERS
INTERNATIONAL SUN EARTH
EXPLORER 1
INTERNATIONAL SUN EARTH
EXPLORER 2
INTERNATIONAL SUN EARTH
EXPLORER 3
MICROMETEOROID EXPLORER
SATELLITES
RADIO ASTRONOMY EXPLORER
SATELLITE
SOLAR MESOSPHERE EXPLORER
X RAY TIMING EXPLORER
RT IUE
JUNO 1 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
METEOROID DUST CLOUDS
MICROMETEORIDS
OUTER PLANETS EXPLORERS
SCOUT PROJECT
THOR DELTA LAUNCH VEHICLE
ZODIACAL DUST

EXPLORER 1 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 1 SATELLITE

EXPLORER 2 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 2 SATELLITE

EXPLORER 3 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 3 SATELLITE

EXPLORER 4 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 4 SATELLITE

EXPLORER 5 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 5 SATELLITE

EXPLORER 6 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 6 SATELLITE
GEOPHYSICAL SATELLITES
EXPLORER 6 SATELLITE
RT THOR ABLE ROCKET VEHICLE

EXPLORER 7 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 7 SATELLITE

EXPLORER 8 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 8 SATELLITE

EXPLORER 9 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 9 SATELLITE
METEOROLOGICAL SATELLITES
EXPLORER 9 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 10 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 10 SATELLITE
GEOPHYSICAL SATELLITES
EXPLORER 10 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 11 SATELLITE
UF GAMMA RAY ASTRONOMY EXPLORER
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 11 SATELLITE
RT JUNO 2 LAUNCH VEHICLE

EXPLORER 12 SATELLITE
UF ENERGETIC PARTICLE EXPLORER A
EPE-A
S-3 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 12 SATELLITE
GEOPHYSICAL SATELLITES
EXPLORER 12 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 14 SATELLITE
UF ENERGETIC PARTICLE EXPLORER B
EPE-B
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 14 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 15 SATELLITE
UF ENERGETIC PARTICLE EXPLORER C
EPE-C
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 15 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 16 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 16 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 17 SATELLITE
UF AE-A SATELLITE
ATMOSPHERE EXPLORER A
S-6 SATELLITE

EXPLORER 24 SATELLITE

EXPLORER 17 SATELLITE-(CONT)
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 17 SATELLITE
METEOROLOGICAL SATELLITES
EXPLORER 17 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 18 SATELLITE
UF IMP-A
IMP-1
INTERPLANETARY EXPLORER
S-74 SATELLITE
GS INTERPLANETARY SPACECRAFT
EXPLORER 18 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 18 SATELLITE
LUNAR SATELLITES
EXPLORER 18 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
EXPLORER 18 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 19 SATELLITE
UF AD-A SATELLITE
AIR DENSITY EXPLORER A
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 19 SATELLITE
METEOROLOGICAL SATELLITES
EXPLORER 19 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 20 SATELLITE
UF IONOSPHERE EXPLORER A
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 20 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 21 SATELLITE
UF IMP-B
IMP-2
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 21 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 22 SATELLITE
UF BE B
BEACON EXPLORER B
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
EXPLORER 22 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 22 SATELLITE
NAVIGATION SATELLITES
EXPLORER 22 SATELLITE
PASSIVE SATELLITES
BEACON SATELLITES
EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
EXPLORER 22 SATELLITE
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
EXPLORER 22 SATELLITE
PASSIVE SATELLITES
BEACON SATELLITES
EXPLORER 22 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 23 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 23 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 24 SATELLITE
UF AD/I SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES

EXPLORER 25 SATELLITE**EXPLORER 24 SATELLITE-(CONT)**

EXPLORER SATELLITES
EXPLORER 24 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 25 SATELLITE

UF AD/I B
AIR DENSITY/INJUN EXPLORER B
INJUN EXPLORER
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 25 SATELLITE
INJUN SATELLITES
EXPLORER 25 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 26 SATELLITE

UF ENERGETIC PARTICLE EXPLORER D
EPE-D
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 26 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 27 SATELLITE

UF BE C
BEACON EXPLORER C
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 27 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 28 SATELLITE

UF IMP-C
IMP-3
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 28 SATELLITE
LUNAR SATELLITES
EXPLORER 28 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 29 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 29 SATELLITE
GEODETIC SATELLITES
EXPLORER 29 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
EXPLORER 29 SATELLITE
RT ACTIVE SATELLITES
ANNA SATELLITES
CELESTIAL GEODESY
DELTA LAUNCH VEHICLE
GEOS 1 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE

EXPLORER 30 SATELLITE

UF SE-A
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 30 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 31 SATELLITE

UF DME-A SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 31 SATELLITE
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 32 SATELLITE

UF AE-B SATELLITE
ATMOSPHERE EXPLORER B
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 32 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 33 SATELLITE

UF AIMP-D
AIMP-1
IMP-D
GS SATELLITES

EXPLORER 33 SATELLITE-(CONT)

ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 33 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 34 SATELLITE

UF IMP-F
IMP-4
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 34 SATELLITE
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 35 SATELLITE

UF AIMP E
AIMP-2
IMP-E
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 35 SATELLITE
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 36 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 36 SATELLITE
GEODETIC SATELLITES
EXPLORER 36 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
EXPLORER 36 SATELLITE
RT ACTIVE SATELLITES
ANNA SATELLITES
CELESTIAL GEODESY
GEOS 2 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE
THOR AGENA LAUNCH VEHICLE

EXPLORER 37 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 37 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 38 SATELLITE

UF RAE 1
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 38 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 39 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 39 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 40 SATELLITE

UF INJUN 5 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 40 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 41 SATELLITE

UF IMP-G
IMP-5
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 41 SATELLITE

EXPLORER 42 SATELLITE

USE UHURU SATELLITE

EXPLORER 43 SATELLITE

UF IMP-1
IMP-6
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 43 SATELLITE
RT DELTA LAUNCH VEHICLE

NASA THESAURUS (VOLUME 1)**EXPLORER 44 SATELLITE**

UF SOLRAD 10 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 44 SATELLITE

EXPLORER 45 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
EXPLORER 45 SATELLITE
SCIENTIFIC SATELLITES
EXPLORER 45 SATELLITE

EXPLORER 46 SATELLITE

UF METEOROID TECHNOLOGY SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 46 SATELLITE

EXPLORER 47 SATELLITE

UF IMP-H
IMP-7
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 47 SATELLITE

EXPLORER 48 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 48 SATELLITE
RT SAS
SAS-2

EXPLORER 49 SATELLITE

UF RADIO ASTRONOMY EXPLORER B
RADIO ASTRONOMY EXPLORER 2
RAE B
RAE 1
RAE 2
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 49 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 50 SATELLITE

UF IMP-J
IMP-8
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 50 SATELLITE

EXPLORER 51 SATELLITE

UF AE-C SATELLITE
ATMOSPHERE EXPLORER C
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 51 SATELLITE

EXPLORER 52 SATELLITE

UF HAWKEYE 1 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 52 SATELLITE

EXPLORER 53 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 53 SATELLITE
RT SAS-3

EXPLORER 54 SATELLITE

UF AE-D SATELLITE
ATMOSPHERE EXPLORER D
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
EXPLORER 54 SATELLITE

EXPLORER 55 SATELLITE

UF AE-E SATELLITE
ATMOSPHERE EXPLORER E
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES

EXPLORER 55 SATELLITE-(CONT)
EXPLORER 55 SATELLITE
 UNMANNED SPACECRAFT
EXPLORER 55 SATELLITE
 RT DELTA LAUNCH VEHICLE
 SCIENTIFIC SATELLITES

EXPLOSION SUPPRESSION
 RT FIRE PREVENTION
 FOAMS
 RETARDANTS

EXPLOSIONS
 GS **EXPLOSIONS**
 AERIAL EXPLOSIONS
 CHEMICAL EXPLOSIONS
 GAS EXPLOSIONS
 NUCLEAR EXPLOSIONS
 THERMONUCLEAR EXPLOSIONS
 UNDERGROUND EXPLOSIONS
 UNDERWATER EXPLOSIONS

RT ACCIDENTS
 BACKFIRE
 BLAST LOADS
 ∞ BLASTS
 BURSTS
 COMBUSTION
 DETONATION
 ∞ DISCHARGE
 EXPLOSIVE DECOMPRESSION
 EXPLOSIVES
 FIRES
 FLAME PROPAGATION
 ∞ FLASH
 FLASHBACK
 HAZARDS
 HYDROCARBON COMBUSTION
 IMPLOSIONS
 REACTOR SAFETY
 RIEMANN WAVES
 SAFETY
 SHOCK WAVES
 SOUND PRESSURE
 SPONTANEOUS COMBUSTION
 WARNING SYSTEMS

EXPLOSIVE DECOMPRESSION
 GS PRESSURE REDUCTION
EXPLOSIVE DECOMPRESSION
 RT EXPLOSIONS
 IMPLOSIONS
 PRESSURE RECOVERY
 PRESSURIZED CABINS

EXPLOSIVE DEVICES
 UF CARTRIDGE ACTUATED DEVICES
 GS **EXPLOSIVE DEVICES**
 BOMBS (ORDNANCE)
 INITIATORS (EXPLOSIVES)
 BOOSTERS (EXPLOSIVES)
 CAPS (EXPLOSIVES)
 DETONATORS
 EXPLODING WIRES
 PRIMERS (EXPLOSIVES)
 NUCLEAR DEVICES
 SHAPED CHARGES
 TORPEDOES
 RT ACTUATORS
 AMMUNITION
 ∞ CHARGING
 ∞ DEVICES
 IGNITERS
 ∞ PROPELLANT ACTUATED DEVICES
 WARHEADS

EXPLOSIVE FORMING
 GS FORMING TECHNIQUES
 COLD WORKING
EXPLOSIVE FORMING
 METAL WORKING
EXPLOSIVE FORMING
 RT BULGING
 DEEP DRAWING
 ELECTROHYDRAULIC FORMING
 EXTRUDING
 SHAPED CHARGES

EXPLOSIVE GASES
 USE FLAMMABLE GASES

EXPLOSIVE WELDING
 GS BONDING
EXPLOSIVE WELDING
 WELDING
 PRESSURE WELDING

EXPLOSIVE WELDING-(CONT)
EXPLOSIVE WELDING
 RT CLADDING
 METAL BONDING
 METAL JOINTS
 METAL WORKING
 METAL-METAL BONDING

EXPLOSIVES
 GS **EXPLOSIVES**
 BSX
 CELLULOSE NITRATE
 DYNAMITE
 HYDRAZINE NITROFORM
 HYDROGEN AZIDES
 NITRASOL EXPLOSIVES
 OCTOL (EXPLOSIVE)
 PENTOLITE
 RDX
 STYPHNATES
 TATB
 TETRYL
 TRINITROTOLUENE
 RT AMMONIUM PICRATES
 AMMUNITION
 AZIDES (ORGANIC)
 BOMBS (ORDNANCE)
 BURNING RATE
 CASE BONDED PROPELLANTS
 ∞ CHARGING
 CHEMICAL EXPLOSIONS
 CHEMICAL FUELS
 COMPOSITE PROPELLANTS
 DETONATORS
 DOUBLE BASE PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 EXPLOSIONS
 FIRES
 FLAMMABLE GASES
 FULMINATES
 GUN PROPELLANTS
 GUNS (ORDNANCE)
 HMX
 NITROGLYCERIN
 NITROGUANIDINE
 NITROMETHANE
 NUCLEAR WEAPONS
 ORDNANCE
 PETN
 PLASTIC PROPELLANTS
 POTASSIUM PERCHLORATES
 POWDER (PARTICLES)
 PROPELLANTS
 PYROPHORIC MATERIALS
 PYROTECHNICS
 SHAPED CHARGES
 SODIUM AZIDES
 TAGN
 TORPEDOES
 WARHEADS

EXPONENTIAL FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
EXPONENTIAL FUNCTIONS
 LOGARITHMS
 FUNCTIONS (MATHEMATICS)
 TRANSCENDENTAL FUNCTIONS
EXPONENTIAL FUNCTIONS
 LOGARITHMS
 RT FOURIER ANALYSIS
 HYPERBOLIC FUNCTIONS
 ORTHOGONAL FUNCTIONS
 POISSON DENSITY FUNCTIONS
 PROBABILITY DENSITY FUNCTIONS
 STATISTICAL ANALYSIS
 WEIBULL DENSITY FUNCTIONS

EXPONENTS
 GS NUMBER THEORY
EXPONENTS
 RT ARITHMETIC
 FRACTALS
 LOGARITHMS

EXPORTS
 USE INTERNATIONAL TRADE

EXPOS (SPACELAB PAYLOAD)
 UF X RAY SPECTROPOLARIMETRY
 PAYLOAD
 GS PAYLOADS
EXPOS (SPACELAB PAYLOAD)
 RT EUROPEAN SPACE AGENCY
 SPACELAB

EXPOSURE
 RT ATMOSPHERIC EFFECTS
 BEARING (DIRECTION)
 COLD TOLERANCE
 DOSIMETERS
 IRRADIATION
 PHOTOGRAPHY
 POSITION (LOCATION)
 POSITIONING
 RADIATION DOSAGE
 TIME
 TRINITROTOLUENE
 WEATHERING

EXPRESSIONS (MATHEMATICS)
 USE FORMULAS (MATHEMATICS)

EXPULSION
 RT ACCELERATION (PHYSICS)
 CIRCUIT PROTECTION
 DISPOSAL
 DUMPING
 EJECTION
 EMPTYING
 EXCRETION
 EXHAUST VELOCITY
 EXPELLANTS
 EXPIRATION
 FLUID FLOW
 GRAVITY GRADIENT SATELLITES
 JETTISONING
 PARTICLE EMISSION
 PRESSURIZING
 REMOVAL
 UNLOADING

EXPULSION BLADDERS
 GS DIAPHRAGMS (MECHANICS)
EXPULSION BLADDERS
 RT BELLOWS
 EJECTION
 EMPTYING
 EXPANDABLE STRUCTURES
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 PRESSURIZING
 PROPELLANT STORAGE
 PROPELLANT TANKS
 STORAGE TANKS

EXTARS
 GS CELESTIAL BODIES
 STARS
EXTARS
 RT EMISSION SPECTRA
 NEUTRON STARS
 RADIATION SOURCES
 STELLAR RADIATION
 UHURU SATELLITE
 X RAY ASTRONOMY
 X RAY BINARIES
 X RAY SOURCES
 X RAY TELESCOPES
 X RAYS

EXTENDED DURATION SPACE FLIGHT
 USE LONG DURATION SPACE FLIGHT

EXTENSIONS
 GS **EXTENSIONS**
 PROLONGATION
 RT ACCESSORIES
 ADAPTERS
 CONTRACTS
 DECONTAMINATION
 EXPANSION
 FILLING
 FITTINGS
 REVISIONS
 SUPPLEMENTS

EXTENSOMETERS
 UF DILATOMETERS
 GS MEASURING INSTRUMENTS
EXTENSOMETERS
 RT DEFORMETERS
 DILATOMETRY
 ELASTOMETERS
 MECHANICAL MEASUREMENT
 STRAIN GAGES
 STRESS MEASUREMENT
 TENSOMETERS
 THERMAL EXPANSION
 TRANSDUCERS

EXTERNAL COMBUSTION ENGINES

EXTERNAL COMBUSTION ENGINES

- GS ENGINES
 - EXTERNAL COMBUSTION ENGINES**
- RT AUTOMOBILE ENGINES
 - BOILERS
 - GAS TURBINE ENGINES
 - INTERNAL COMBUSTION ENGINES
 - PISTON ENGINES

EXTERNAL STORE SEPARATION

- UF STORE RELEASE
- RT NACELLES
 - PODS (EXTERNAL STORES)
 - PROTUBERANCES
- ∞ SEPARATION
- ∞ STORAGE
 - WING TANKS
 - WING-FUSELAGE STORES

EXTERNAL STORES

- GS **EXTERNAL STORES**
 - PODS (EXTERNAL STORES)
- RT NACELLES
 - PROTUBERANCES
- ∞ STORAGE
 - WING TANKS
 - WING-FUSELAGE STORES

EXTERNAL SURFACE CURRENTS

- GS ELECTRIC FIELDS
 - EXTERNAL SURFACE CURRENTS**
- RT ∞ CURRENTS
 - ELECTRIC FIELDS
 - ELECTROMAGNETIC FIELDS
 - ELECTROMAGNETIC PULSES
 - LEVITATION MELTING
 - PHOTOELECTRIC EMISSION
 - SPACECRAFT CHARGING
- ∞ SURFACES
 - SYSTEM GENERATED
 - ELECTROMAGNETIC PULSES

EXTERNAL TANKS

- GS TANKS (CONTAINERS)
 - EXTERNAL TANKS**
- RT FUEL TANKS
 - NACELLES
 - PROPELLANT TANKS
 - STORAGE TANKS
 - WING TANKS

EXTERNALLY BLOWN FLAPS

- UF BLOWN FLAPS
- EBF
- GS AIRFOILS
 - FLAPS (CONTROL SURFACES)
 - EXTERNALLY BLOWN FLAPS**
 - UPPER SURFACE BLOWN FLAPS
 - CONTROL SURFACES
 - FLAPS (CONTROL SURFACES)
 - EXTERNALLY BLOWN FLAPS**
 - UPPER SURFACE BLOWN FLAPS
- RT JET FLAPS
 - LIFT
 - LIFT DEVICES
 - POWERED LIFT AIRCRAFT
 - SHORT TAKEOFF AIRCRAFT
 - SPANWISE BLOWING
 - WING FLAPS
 - WING NACELLE CONFIGURATIONS

EXTINCTION

- GS **EXTINCTION**
 - INTERSTELLAR EXTINCTION
- RT EVOLUTION (DEVELOPMENT)
 - EXTINGUISHING
 - FADING
 - FLUORESCENCE

EXTINGUISHERS

- USE FIRE EXTINGUISHERS

EXTINGUISHING

- UF FLAME QUENCHING
- RT BURNOUT
 - COMBUSTION
 - EXTINCTION
 - FLAMEOUT
 - OCCULTATION
- ∞ QUENCHING
 - QUENCHING (COOLING)

EXTRACTION

- GS **EXTRACTION**

EXTRACTION-(CONT)

- GEOTHERMAL ENERGY EXTRACTION
- ION EXTRACTION
- SOLVENT EXTRACTION
- RT BEDS (PROCESS ENGINEERING)
 - BENEFICIATION
 - CENTRIFUGES
 - CENTRIFUGING
 - COLUMNS (PROCESS ENGINEERING)
 - CONCENTRATING
 - DIALYSIS
 - DIFFUSION
 - DISSOLVING
 - ELUTION
 - FILTRATION
 - FURNACES
 - HYDROLYSIS
 - LEACHING
 - MATERIAL ABSORPTION
 - MATERIALS RECOVERY
 - MELTING
 - OSMOSIS
 - PERCOLATION
 - RECYCLING
 - REFINING
 - REMOVAL
- ∞ SEPARATION
 - SOLVENTS
 - SORPTION
 - WASHERS (CLEANERS)

EXTRAGALACTIC LIGHT

- USE EXTRATERRESTRIAL RADIATION
- LIGHT (VISIBLE RADIATION)

EXTRAGALACTIC MEDIA

- USE INTERGALACTIC MEDIA

EXTRAGALACTIC RADIO SOURCES

- GS CELESTIAL BODIES
 - RADIO SOURCES (ASTRONOMY)
 - EXTRAGALACTIC RADIO SOURCES**
 - RADIO GALAXIES
- RT BL LACERTAE OBJECTS
 - EXTRATERRESTRIAL RADIATION
 - EXTRATERRESTRIAL RADIO WAVES
 - QUASARS
 - RADIATION SOURCES
 - RADIO ASTRONOMY
 - RADIO EMISSION
- ∞ SOURCES

EXTRAPOLATION

- RT FINITE DIFFERENCE THEORY
 - FORECASTING
 - INTERPOLATION
 - PERIODIC VARIATIONS
 - QUALITY CONTROL
 - STATISTICAL ANALYSIS
- ∞ TESTS
 - TIME SERIES ANALYSIS
 - TRENDS

EXTRASENSORY PERCEPTION

- UF PARAPSYCHOLOGY
- GS PERCEPTION
 - SENSORY PERCEPTION
 - EXTRASENSORY PERCEPTION**

EXTRASOLAR PLANETS

- GS CELESTIAL BODIES
 - PLANETS
- RT **EXTRASOLAR PLANETS**
 - GAS GIANT PLANETS

EXTRATERRESTRIAL COMMUNICATION

- GS TELECOMMUNICATION
 - SPACE COMMUNICATION
 - EXTRATERRESTRIAL COMMUNICATION**
- RT INFORMATION DISSEMINATION
 - INTERPLANETARY COMMUNICATION
 - RADIO TELEMETRY

EXTRATERRESTRIAL ENVIRONMENTS

- GS ENVIRONMENTS
 - EXTRATERRESTRIAL ENVIRONMENTS**
 - CISLUNAR SPACE
 - DEEP SPACE
 - INTERPLANETARY SPACE
 - INTERSTELLAR SPACE
 - LUNAR ENVIRONMENT
 - LUNAR ATMOSPHERE
 - PLANETARY ENVIRONMENTS
 - MARS ENVIRONMENT

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EXTRATERRESTRIAL ENVIRONMENTS-(CONT)

- MARS ATMOSPHERE
- PLANETARY ATMOSPHERES
- HELIUM HYDROGEN
- ATMOSPHERES
- JUPITER ATMOSPHERE
- MARS ATMOSPHERE
- NEPTUNE ATMOSPHERE
- SATURN ATMOSPHERE
- URANUS ATMOSPHERE
- VENUS ATMOSPHERE
- SATELLITE ATMOSPHERES
- LUNAR ATMOSPHERE
- STELLAR ATMOSPHERES
- CHROMOSPHERE
- SOLAR ATMOSPHERE
- RT AEROSPACE ENVIRONMENTS
 - HIGH GRAVITY ENVIRONMENTS
 - LONG DURATION SPACE FLIGHT
 - SPACE EXPLORATION
 - SPACECRAFT ENVIRONMENTS
 - VENUS SURFACE

EXTRATERRESTRIAL INTELLIGENCE

- GS INTELLIGENCE
 - EXTRATERRESTRIAL INTELLIGENCE**
- RT INTERSTELLAR COMMUNICATION
 - INTERSTELLAR TRAVEL
 - PROJECT SETI
 - SPACE COMMUNICATION
 - UNIDENTIFIED FLYING OBJECTS

EXTRATERRESTRIAL LIFE

- GS LIFE SCIENCES
 - EXTRATERRESTRIAL LIFE**
- RT AEROSPACE ENVIRONMENTS
 - BIOSATELLITES
 - EXO BIOLOGY
 - GULLIVER PROGRAM
 - LIFE DETECTORS
 - PANSPERMIA

EXTRATERRESTRIAL MATTER

- GS **EXTRATERRESTRIAL MATTER**
 - COSMIC GASES
 - INTERPLANETARY GAS
 - INTERSTELLAR GAS
 - NEUTRAL GASES
 - COSMIC PLASMA
- RT COSMOCHEMISTRY
 - MATTER (PHYSICS)
 - VENUS FLY TRAP ROCKET VEHICLE

EXTRATERRESTRIAL RADIATION

- UF EXTRAGALACTIC LIGHT
 - SPACE RADIATION
 - STELLAR DOPPLER SHIFT
- GS **EXTRATERRESTRIAL RADIATION**
 - EXTRATERRESTRIAL RADIO WAVES
 - GALACTIC RADIO WAVES
 - NORTH POLAR SPUR (ASTRONOMY)
 - RADIO BURSTS
 - SOLAR RADIO BURSTS
 - TYPE 2 BURSTS
 - TYPE 3 BURSTS
 - TYPE 4 BURSTS
 - TYPE 5 BURSTS
 - SOLAR RADIO EMISSION
 - SOLAR RADIO BURSTS
 - TYPE 2 BURSTS
 - TYPE 3 BURSTS
 - TYPE 4 BURSTS
 - TYPE 5 BURSTS
 - GALACTIC RADIATION
 - GALACTIC COSMIC RAYS
 - GALACTIC RADIO WAVES
 - NORTH POLAR SPUR (ASTRONOMY)
 - GAMMA RAY BURSTS
 - GEGENSCHNITT
 - INTERSTELLAR RADIATION
 - LUNAR RADIATION
 - PLANETARY RADIATION
 - PRIMARY COSMIC RAYS
 - SOLAR COSMIC RAYS
 - SOLAR RADIATION
 - CIRCUMSOLAR RADIATION
 - SOLAR CORPUSCULAR RADIATION
 - SOLAR ELECTRONS
 - SOLAR NEUTRINOS
 - SOLAR PROTONS
 - SOLAR COSMIC RAYS
 - SOLAR RADIO EMISSION
 - SOLAR RADIO BURSTS
 - TYPE 2 BURSTS
 - TYPE 3 BURSTS

EXTRATERRESTRIAL RADIATION-(CONT)

TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR WIND
 SOLAR X-RAYS
 SUNLIGHT
 STELLAR RADIATION
 STELLAR WINDS
 ZODIACAL LIGHT
 RT AEROSPACE ENVIRONMENTS
 ∞ AEROSPACE SCIENCES
 ATMOSPHERIC RADIATION
 BACKGROUND RADIATION
 CORPUSCULAR RADIATION
 COSMIC RAYS
 COSMIC X RAYS
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC RADIATION
 ELECTRON ACCELERATION
 EXTRAGALACTIC RADIO SOURCES
 LIGHT (VISIBLE RADIATION)
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 MICROWAVE EMISSION
 POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZED RADIATION
 ∞ RADIATION
 RADIATION BELTS
 RADIATIVE TRANSFER
 RADIO WAVES
 ∞ RAYS
 RELIC RADIATION
 SYNCHROTRON RADIATION
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 TERRESTRIAL RADIATION
 X RAYS

EXTRATERRESTRIAL RADIO WAVES

UF COSMIC RADIO WAVES
 GS ELECTROMAGNETIC RADIATION
 RADIO WAVES
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC RADIO WAVES
 NORTH POLAR SPUR (ASTRONOMY)
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 RT CENTIMETER WAVES
 EXTRAGALACTIC RADIO SOURCES
 MICROWAVE EMISSION
 MICROWAVES
 MILLIMETER WAVES
 RADIO ASTRONOMY
 RADIO EMISSION
 RADIO FREQUENCY INTERFERENCE
 RADIO SOURCES (ASTRONOMY)

EXTRATERRESTRIAL RESOURCES

GS RESOURCES
 EXTRATERRESTRIAL RESOURCES
 RT LUNAR EXPLORATION
 PLANETARY BASES
 SPACE EXPLORATION
 SPACE LOGISTICS

EXTRATERRESTRIAL ROVING VEHICLES

USE ROVING VEHICLES

EXTRAVEHICULAR ACTIVITY

SN (ACTIVITY OUTSIDE THE SPACECRAFT)
 RT ∞ ACTIVITY
 AEPS
 AEROSPACE ENVIRONMENTS
 APOLLO EXTENSION SYSTEM
 ASTRONAUT LOCOMOTION
 ASTRONAUT MANEUVERING EQUIPMENT
 IMLSS
 INTRAHEHICULAR ACTIVITY
 MAN OPERATED PROPULSION SYSTEMS
 MANNED MANEUVERING UNITS
 MANNED SPACE FLIGHT
 ORBITAL WORKERS
 SELF MANEUVERING UNITS
 SPACE FLIGHT
 SPACE MAINTENANCE
 SPACE SHUTTLE PAYLOADS
 UMBILICAL CONNECTORS
 WEIGHTLESSNESS

EXTRAVEHICULAR MOBILITY UNITS

GS EXTRAVEHICULAR MOBILITY UNITS
 ASTRONAUT LOCOMOTION
 ASTRONAUT MANEUVERING EQUIPMENT
 MANNED MANEUVERING UNITS
 RT IMLSS
 SELF MANEUVERING UNITS

EXTREMA

USE RANGE (EXTREMES)

EXTREME ULTRAVIOLET EXPLORER SATELLITE

UF EUVE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 EXTREME ULTRAVIOLET EXPLORER SATELLITE
 RT IUE
 ULTRAVIOLET ASTRONOMY

EXTREME ULTRAVIOLET RADIATION

GS ELECTROMAGNETIC RADIATION
 ULTRAVIOLET RADIATION
 EXTREME ULTRAVIOLET RADIATION
 IONIZING RADIATION
 ULTRAVIOLET RADIATION
 EXTREME ULTRAVIOLET RADIATION
 RT BEAMS (RADIATION)
 MAGELLAN MISSION
 ∞ RADIATION
 SOLAR RADIATION

EXTREMELY HIGH FREQUENCIES

SN (30 TO 300 GHZ)
 UF K BAND
 KA BAND
 V BAND
 GS FREQUENCIES
 RADIO FREQUENCIES
 MICROWAVE FREQUENCIES
 EXTREMELY HIGH FREQUENCIES
 RT MILLIMETER WAVES

EXTREMELY LOW FREQUENCIES

GS FREQUENCIES
 EXTREMELY LOW FREQUENCIES
 RT LOW FREQUENCIES
 RADIO FREQUENCIES
 SEAFARER PROJECT

EXTREMELY LOW RADIO FREQUENCIES

SN (BELOW 300 H)
 UF ULTRALOW FREQUENCIES
 GS FREQUENCIES
 RADIO FREQUENCIES
 EXTREMELY LOW RADIO FREQUENCIES
 RT AUDIO FREQUENCIES

EXTREMUM VALUES

GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 EXTREMUM VALUES
 LIMITS (MATHEMATICS)
 MAXIMA
 MINIMA
 RT EULER-LAGRANGE EQUATION
 FUNCTIONS (MATHEMATICS)
 OPTIMIZATION
 ∞ PEAKS
 PROBABILITY THEORY

EXTROVERSION

RT BEHAVIOR
 HUMAN BEHAVIOR
 PSYCHOLOGY

EXTRUDING

UF HOT EXTRUDING
 GS FORMING TECHNIQUES
 EXTRUDING
 PULTRUSION
 RT CASTING
 CLADDING
 COLD WORKING
 DIES
 ∞ DRAWING
 EXPLOSIVE FORMING
 INJECTION MOLDING
 INTRUSION
 METAL SPINNING
 METAL WORKING
 PIERCING
 PRESSING (FORMING)
 WET SPINNING

EYE (ANATOMY)

GS ANATOMY
 SENSE ORGANS
 EYE (ANATOMY)
 CHOROID MEMBRANES
 CONJUNCTIVA
 CORNEA
 OCULOMOTOR NERVES
 PUPILS
 RETINA
 FOVEA
 RT ACCOMMODATION
 COLOR VISION
 FACE (ANATOMY)
 HEAD (ANATOMY)
 LENSES
 MIOSIS
 OPHTHALMODYNAMOMETRY
 OPHTHALMOLOGY
 OPTOMETRY
 VESTIBULAR NYSTAGMUS
 VISION

EYE DISEASES

GS DISEASES
 EYE DISEASES
 ASTHENOPIA
 ASTIGMATISM
 CATARACTS
 CONJUNCTIVITIS
 GLAUCOMA
 KERATITIS
 PHORIA
 RT BLINDNESS
 OPHTHALMOLOGY

EYE DOMINANCE

GS DOMINANCE
 EYE DOMINANCE
 RT VISION

EYE EXAMINATIONS

GS EXAMINATION
 EYE EXAMINATIONS
 RT HAPLOSOPES

EYE MOVEMENTS

GS EYE MOVEMENTS
 ELECTRONYSTAGMOGRAPHY
 NYSTAGMUS
 SACCADIC EYE MOVEMENTS
 RT BLINKING
 OCULOMETERS
 RAPID EYE MOVEMENT STATE

EYE PROTECTION

GS PROTECTION
 EYE PROTECTION
 RT FLASH BLINDNESS
 GOGGLES
 SUNGLASSES
 VISORS

EYEPIECES

GS OPTICAL EQUIPMENT
 EYEPIECES
 RT BINOCULARS
 CONTACT LENSES
 LENSES
 MICROSCOPES
 PERISCOPES

EYRING THEORY

EYEPIECES-(CONT)

RETICLES
SUNGLASSES
TELESOPES

EYRING THEORY

GS KINETIC THEORY
TRANSPORT THEORY
EYRING THEORY
RT EQUILIBRIUM FLOW
FLUID DYNAMICS
∞ THEORIES

F

F CENTERS

USE COLOR CENTERS

F DISPLAYS

USE F REGION

F LAYER

USE F REGION

F REGION

UF F DISPLAYS
F LAYER
NIGHT F LAYER
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
REGIONS
F REGION
RT PLASMA BUBBLES

F 1 REGION

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
UPPER IONOSPHERE
F REGION
F 1 REGION

F 2 REGION

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
UPPER IONOSPHERE
F REGION
F 2 REGION
RT SPREAD F
TRANSEQUATORIAL PROPAGATION

F-1 ROCKET ENGINE

GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
F-1 ROCKET ENGINE
RT BOOSTER ROCKET ENGINES
NOVA LAUNCH VEHICLES
SATURN LAUNCH VEHICLES

F-2 AIRCRAFT

UF HAWKER HUNTER AIRCRAFT
HUNTER F-2 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-2 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
F-2 AIRCRAFT
JET AIRCRAFT
F-2 AIRCRAFT
MONOPLANES
F-2 AIRCRAFT
RT ∞ AIRCRAFT

F-4 AIRCRAFT

UF F-110 AIRCRAFT
F4H AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-4 AIRCRAFT
JET AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT

F-4 AIRCRAFT-(CONT)

MCDONNELL AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
SUPERSONIC AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
RT ∞ AIRCRAFT
J-79 ENGINE
RF-4 AIRCRAFT

F-5 AIRCRAFT

UF FREEDOM FIGHTER AIRCRAFT
N-156 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-5 AIRCRAFT
COIN AIRCRAFT
F-5 AIRCRAFT
JET AIRCRAFT
F-5 AIRCRAFT
MONOPLANES
F-5 AIRCRAFT
NORTHROP AIRCRAFT
F-5 AIRCRAFT
OBSERVATION AIRCRAFT
F-5 AIRCRAFT
RECONNAISSANCE AIRCRAFT
F-5 AIRCRAFT
SUPERSONIC AIRCRAFT
F-5 AIRCRAFT
RT ∞ AIRCRAFT

F-8 AIRCRAFT

UF CRUSADER AIRCRAFT
F8U AIRCRAFT
RF-8 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-8 AIRCRAFT
JET AIRCRAFT
F-8 AIRCRAFT
LING-TEMCO-VOUGHT AIRCRAFT
F-8 AIRCRAFT
MONOPLANES
F-8 AIRCRAFT
SUPERSONIC AIRCRAFT
F-8 AIRCRAFT
RT ∞ AIRCRAFT

F-9 AIRCRAFT

UF COUGAR AIRCRAFT
F9F AIRCRAFT
GS PANTHER AIRCRAFT
ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-9 AIRCRAFT
GRUMMAN AIRCRAFT
F-9 AIRCRAFT
JET AIRCRAFT
F-9 AIRCRAFT
MONOPLANES
F-9 AIRCRAFT
RT ∞ AIRCRAFT

F-14 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-14 AIRCRAFT
GRUMMAN AIRCRAFT
F-14 AIRCRAFT
JET AIRCRAFT
F-14 AIRCRAFT
SUPERSONIC AIRCRAFT
F-14 AIRCRAFT
RT ∞ AIRCRAFT

F-15 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-15 AIRCRAFT
JET AIRCRAFT
F-15 AIRCRAFT
SUPERSONIC AIRCRAFT
F-15 AIRCRAFT
RT ∞ AIRCRAFT

F-16 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-16 AIRCRAFT
JET AIRCRAFT
F-16 AIRCRAFT
SUPERSONIC AIRCRAFT
F-16 AIRCRAFT

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F-16 AIRCRAFT-(CONT)

RT ∞ AIRCRAFT

F-17 AIRCRAFT

UF YF-17 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-17 AIRCRAFT
JET AIRCRAFT
F-17 AIRCRAFT
MONOPLANES
F-17 AIRCRAFT
SUPERSONIC AIRCRAFT
F-17 AIRCRAFT
RT ∞ AIRCRAFT
F-18 AIRCRAFT

F-18 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-18 AIRCRAFT
JET AIRCRAFT
F-18 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
F-18 AIRCRAFT
NORTHROP AIRCRAFT
F-18 AIRCRAFT
RT ∞ AIRCRAFT
F-17 AIRCRAFT

F-20 AIRCRAFT

F-27 AIRCRAFT

UF FOKKER F 27 AIRCRAFT
FOKKER FRIENDSHIP AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-27 AIRCRAFT
FOKKER AIRCRAFT
F-27 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
F-27 AIRCRAFT
MONOPLANES
F-27 AIRCRAFT
PASSENGER AIRCRAFT
F-27 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
F-27 AIRCRAFT
RT ∞ AIRCRAFT

F-28 HELICOPTER

GS LIGHT AIRCRAFT
F-28 HELICOPTER
PASSENGER AIRCRAFT
F-28 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
RIGID ROTOR HELICOPTERS
F-28 HELICOPTER

F-28 TRANSPORT AIRCRAFT

UF FELLOWSHIP AIRCRAFT
FOKKER F 28 AIRCRAFT
GS COMMERCIAL AIRCRAFT
F-28 TRANSPORT AIRCRAFT
FOKKER AIRCRAFT
F-28 TRANSPORT AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
F-28 TRANSPORT AIRCRAFT
MONOPLANES
F-28 TRANSPORT AIRCRAFT
PASSENGER AIRCRAFT
F-28 TRANSPORT AIRCRAFT
TRANSPORT AIRCRAFT
F-28 TRANSPORT AIRCRAFT
RT ∞ AIRCRAFT

F-80 AIRCRAFT

USE T-33 AIRCRAFT

F-84 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
F-84 AIRCRAFT
JET AIRCRAFT
F-84 AIRCRAFT
MONOPLANES
F-84 AIRCRAFT
REPUBLIC AIRCRAFT
F-84 AIRCRAFT
RT ∞ AIRCRAFT

NASA THESAURUS (VOLUME 1)

F-86 AIRCRAFT
 UF SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-86 AIRCRAFT
 JET AIRCRAFT
F-86 AIRCRAFT
 MONOPLANES
F-86 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
F-86 AIRCRAFT
 RT ∞ AIRCRAFT

F-89 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-89 AIRCRAFT
 JET AIRCRAFT
F-89 AIRCRAFT
 MONOPLANES
F-89 AIRCRAFT
 NORTHROP AIRCRAFT
F-89 AIRCRAFT
 RT ∞ AIRCRAFT

F-94 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-94 AIRCRAFT
 JET AIRCRAFT
F-94 AIRCRAFT
 LOCKHEED AIRCRAFT
F-94 AIRCRAFT
 MONOPLANES
F-94 AIRCRAFT
 RT ∞ AIRCRAFT

F-100 AIRCRAFT
 UF SUPER SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 BOMBER AIRCRAFT
F-100 AIRCRAFT
 FIGHTER AIRCRAFT
F-100 AIRCRAFT
 JET AIRCRAFT
F-100 AIRCRAFT
 MONOPLANES
F-100 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
F-100 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-100 AIRCRAFT
 RT ∞ AIRCRAFT

F-101 AIRCRAFT
 UF JF 101 AIRCRAFT
 VOODOO AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-101 AIRCRAFT
 JET AIRCRAFT
F-101 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 MCDONNELL AIRCRAFT
F-101 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-101 AIRCRAFT
 RT ∞ AIRCRAFT

F-102 AIRCRAFT
 UF DELTA DAGGER AIRCRAFT
 YF-102 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-102 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
F-102 AIRCRAFT
 JET AIRCRAFT
F-102 AIRCRAFT
 MONOPLANES
F-102 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-102 AIRCRAFT
 TAILLESS AIRCRAFT
F-102 AIRCRAFT
 RT ∞ AIRCRAFT

F-104 AIRCRAFT
 UF CANADAIR CF 104 AIRCRAFT
 CF-104 AIRCRAFT
 STARFIGHTER AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-104 AIRCRAFT
 JET AIRCRAFT

F-104 AIRCRAFT-(CONT)
 F-104 AIRCRAFT
 LOCKHEED AIRCRAFT
F-104 AIRCRAFT
 MONOPLANES
F-104 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-104 AIRCRAFT
 RT ∞ AIRCRAFT

F-105 AIRCRAFT
 UF THUNDERCHIEF AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-105 AIRCRAFT
 JET AIRCRAFT
F-105 AIRCRAFT
 MONOPLANES
F-105 AIRCRAFT
 REPUBLIC AIRCRAFT
F-105 AIRCRAFT
 RT ∞ AIRCRAFT

F-106 AIRCRAFT
 UF DELTA DART AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-106 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
F-106 AIRCRAFT
 JET AIRCRAFT
F-106 AIRCRAFT
 MONOPLANES
F-106 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-106 AIRCRAFT
 TAILLESS AIRCRAFT
F-106 AIRCRAFT
 RT ∞ AIRCRAFT

F-110 AIRCRAFT
 USE F-4 AIRCRAFT

F-111 AIRCRAFT
 UF LASV
 TFX AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
F-111 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
F-111 AIRCRAFT
 GRUMMAN AIRCRAFT
F-111 AIRCRAFT
 JET AIRCRAFT
 TURBOFAN AIRCRAFT
F-111 AIRCRAFT
 SUPERSONIC AIRCRAFT
F-111 AIRCRAFT
 RT ∞ AIRCRAFT
 VARIABLE SWEEP WINGS

FAB (PROGRAMMING LANGUAGE)
 USE FORTRAN

FABRICATION
 GS **FABRICATION**
 SPACE MANUFACTURING
 RT ASSEMBLIES
 ASSEMBLING
 CONSTRUCTION
 LOW GRAVITY MANUFACTURING
 MANUFACTURING
 PRODUCTION MANAGEMENT

FABRICS
 UF CLOTH
 GS **FABRICS**
 CREPE
 DACRON (TRADEMARK)
 FELTS
 FORTISAN (TRADEMARK)
 GAUZE
 LINEN
 PARACHUTE FABRICS
 SILK
 WOOL
 RT CLOTHING
 COATINGS
 COTTON
 FIBERS
 ∞ FILMS
 FLAME RETARDANTS
 GEOTECHNICAL FABRICS
 GORES
 INTERLAYERS

FACSIMILE COMMUNICATION

FABRICS-(CONT)
 LAMINATES
 MESH
 MICARTA
 MULTILAYER INSULATION
 REINFORCING MATERIALS
 RIBBONS
 ∞ SHEETS
 SOCKS
 TEXTILES
 WEAVING
 WEBBING
 WEBS (SHEETS)
 WIRE CLOTH

FABRY-PEROT INTERFEROMETERS
 GS MEASURING INSTRUMENTS
 INTERFEROMETERS
FABRY-PEROT INTERFEROMETERS
 RT MICROWAVE INTERFEROMETERS
 PLASMA DIAGNOSTICS

FABRY-PEROT LASERS
 USE LASERS

FABRY-PEROT SPECTROMETERS
 GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
FABRY-PEROT SPECTROMETERS
 SPECTROMETERS
FABRY-PEROT SPECTROMETERS
 RT ACTINOMETERS
 AIRGLOW
 AURORAL SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS

FACE (ANATOMY)
 GS **FACE (ANATOMY)**
 CHIN
 FOREHEAD
 NOSE (ANATOMY)
 RT EYE (ANATOMY)
 HEAD (ANATOMY)
 LIPS (ANATOMY)

FACE CENTERED CUBIC LATTICES
 UF FCC LATTICES
 GS CRYSTAL LATTICES
 CUBIC LATTICES
FACE CENTERED CUBIC LATTICES
 RT BODY CENTERED CUBIC LATTICES
 CLOSE PACKED LATTICES
 CRYSTALS

FACETS
 USE FLAT SURFACES

∞ FACILITIES
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT AIRPORTS
 ELECTRIC POWER PLANTS
 GROUND HANDLING
 INDUSTRIAL AREAS
 INDUSTRIAL PLANTS
 LAND USE
 LAUNCHING BASES
 LOGISTICS
 LOGISTICS MANAGEMENT
 MILITARY AIR FACILITIES
 MOBILE QUARANTINE FACILITY
 RESEARCH FACILITIES
 ROADS
 SITE SELECTION
 SITES
 SOLAR CELL CALIBRATION FACILITY
 STATIONS
 TERMINAL FACILITIES
 TEST FACILITIES
 X RAY ASTROPHYSICS FACILITY

FACSIMILE COMMUNICATION
 UF FACSIMILE TRANSMISSION
 GS TELECOMMUNICATION
 COMMUNICATION
FACSIMILE COMMUNICATION
 RT INTERPLANETARY COMMUNICATION
 LUNAR COMMUNICATION
 SPACECRAFT COMMUNICATION
 TELETYPEWRITER SYSTEMS
 TELEVISION SYSTEMS
 TRANSOCEANIC COMMUNICATION
 WIRELESS COMMUNICATION

FACSIMILE TRANSMISSION

FACSIMILE TRANSMISSION
USE FACSIMILE COMMUNICATION

FACTOR ANALYSIS

GS STATISTICAL ANALYSIS
FACTOR ANALYSIS
RT AUTOREGRESSIVE PROCESSES
CORRELATION
COVARIANCE
DEGREES OF FREEDOM
EXPERIMENT DESIGN
FACTORIZATION
MATRICES (MATHEMATICS)
ORTHOGONALITY
REGRESSION ANALYSIS
STATISTICAL TESTS
VARIABILITY
VARIANCE (STATISTICS)

FACTORIAL DESIGN

GS EXPERIMENT DESIGN
FACTORIAL DESIGN
RT ∞ DESIGN
MATHEMATICAL MODELS
STATISTICAL ANALYSIS

FACTORIALS

GS ANALYSIS (MATHEMATICS)
COMBINATORIAL ANALYSIS
FACTORIALS
RT BINOMIAL COEFFICIENTS
GAMMA FUNCTION

FACTORIES

USE INDUSTRIAL PLANTS

FACTORIZATION

RT ALGORITHMS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
REAL VARIABLES

FACTORS

USE VARIABLE

FACULAE

UF PLAGES (FACULAE)
SOLAR FACULAE
GS STELLAR ACTIVITY
SOLAR ACTIVITY
FACULAE
RT ∞ ACTIVITY
CHROMOSPHERE
PHOTOSPHERE
STARSPOTS
SUNSPOTS

FADDEEV EQUATIONS

RT ∞ EQUATIONS
PARTICLE COLLISIONS
SCATTERING AMPLITUDE
WAVE SCATTERING

FADING

GS **FADING**
SIGNAL FADING
SELECTIVE FADING
RT ATTENUATION
BLEACHING
COLOR
DISCOLORATION
ELECTROMAGNETIC ABSORPTION
EXTINCTION
RECEPTION DIVERSITY
SIGNAL FADING RATE
WAVE DISPERSION

FAHRENHEIT TEMPERATURE SCALE

USE TEMPERATURE SCALES

FAIL-SAFE SYSTEMS

RT ∞ AUTOMATION
EMERGENCIES
FAULT TOLERANCE
SAFETY DEVICES
SAFETY MANAGEMENT
 ∞ SYSTEMS

FAILURE

GS **FAILURE**
BURNTHROUGH (FAILURE)
ENGINE FAILURE
STRUCTURAL FAILURE
SYSTEM FAILURES

FAILURE-(CONT)

RT ABORTED MISSIONS
 ∞ BREAKDOWN
BUCKLING
BURN-IN
COLLAPSE
CORROSION
CRACKING (FRACTURING)
CUMULATIVE DAMAGE
DEFORMATION
DESTRUCTION
DETERIORATION
DISTORTION
DOWNTIME
ELECTRICAL FAULTS
FAILURE ANALYSIS
FATIGUE (MATERIALS)
FLASHOVER
FRACTURES (MATERIALS)
MALFUNCTIONS
MILLS RATIO
RUPTURING
SHEARING
SHORT CIRCUITS
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
WEAR

FAILURE ANALYSIS

RT ACOUSTIC EMISSION
 ∞ ANALYZING
BURN-IN
BURST TESTS
FATIGUE LIFE
FAULT TOLERANCE
LIFE (DURABILITY)
MILLS RATIO
MTBF
PROBABILITY DENSITY FUNCTIONS
RELIABILITY
STATISTICAL ANALYSIS

FAILURE MODES

GS MODES
FAILURE MODES
RT BUCKLING
CRACKS
ELASTIC BUCKLING
 ∞ MODE
MODE (STATISTICS)
MTBF
SHEARING

FAINT OBJECT CAMERA

GS OPTICAL EQUIPMENT
CAMERAS
FAINT OBJECT CAMERA
PHOTOGRAPHIC EQUIPMENT
CAMERAS
FAINT OBJECT CAMERA
RT ASTRONOMICAL PHOTOGRAPHY
HUBBLE SPACE TELESCOPE
INFRARED PHOTOGRAPHY
OPTICAL MEASURING INSTRUMENTS
SPACEBORNE ASTRONOMY
SPACEBORNE TELESCOPES
ULTRAVIOLET PHOTOGRAPHY

FAINTING

USE SYNCOPE

FAIRCHILD MILITARY AIRCRAFT

USE FAIRCHILD-HILLER AIRCRAFT
MILITARY AIRCRAFT

FAIRCHILD-HILLER AIRCRAFT

UF FAIRCHILD MILITARY AIRCRAFT
GS **FAIRCHILD-HILLER AIRCRAFT**
C-119 AIRCRAFT
C-123 AIRCRAFT
OH-5 HELICOPTER
OH-23 HELICOPTER
XC-142 AIRCRAFT
RT ∞ AIRCRAFT

FAIREY AIRCRAFT

GS **FAIREY AIRCRAFT**
FD 2 AIRCRAFT
RT ∞ AIRCRAFT

FAIREY DELTA 2 AIRCRAFT

USE FD 2 AIRCRAFT

NASA THESAURUS (VOLUME 1)

FAIRINGS

GS SYMMETRICAL BODIES
STREAMLINED BODIES
FAIRINGS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
CANOPIES
COWLINGS
FILLETS
HOUSINGS
LANDING GEAR
NACELLES
OGIVES
PERFORATED SHELLS
PROTECTORS
PROTUBERANCES
SHEATHS
SHELLS (STRUCTURAL FORMS)
STREAMLINING
WING ROOTS

FAITH 7

GS MANNED SPACECRAFT
MERCURY SPACECRAFT
FAITH 7
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
MERCURY SPACECRAFT
FAITH 7
SOFT LANDING SPACECRAFT
MERCURY SPACECRAFT
FAITH 7
SPACE CAPSULES
MERCURY SPACECRAFT
FAITH 7
RT MERCURY MA-2 FLIGHT
MERCURY MA-9 FLIGHT

FALCON MISSILE

GS MISSILES
AIR TO AIR MISSILES
FALCON MISSILE
ANTI-AIRCRAFT MISSILES
FALCON MISSILE
RT M-46 ENGINE
SOLID PROPELLANT ROCKET ENGINES

FALKNER-SKAN EQUATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
FALKNER-SKAN EQUATION
RT BLASIUS EQUATION
BOUNDARY LAYER SEPARATION
 ∞ EQUATIONS
LAMINAR FLOW
PRANDTL-MEYER EXPANSION
WEDGE FLOW

FALLING

RT ATMOSPHERIC ENTRY
DESCENT TRAJECTORIES
PARTICLE MOTION
 ∞ PRECIPITATION
SINKING
VERTICAL MOTION

FALLING SPHERES

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
FALLING SPHERES
RT BALLS
DROP TOWERS
FREE FALL
GLOBULES
RAINDROPS
SPHEROIDS

FALLOUT

UF WASHOUT (RADIOACTIVITY)
AIR POLLUTION
FISSION PRODUCTS
FISSION WEAPONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR EXPLOSIONS
NUCLEAR METEOROLOGY
POST-BLAST NUCLEAR RADIATION
 ∞ RADIATION
RADIATION EFFECTS
RADIATION HAZARDS
RADIOACTIVE CONTAMINANTS
 ∞ RADIOACTIVE DEBRIS
RADIOACTIVITY

FAN BLADES

- RT COMPRESSOR BLADES
- DUCTED FANS
- ∞ FANS
- PROPELLER BLADES
- ROTARY WINGS
- TURBINE BLADES
- TURBOMACHINE BLADES
- VENTILATION FANS

FAN IN WING AIRCRAFT

- GS FAN IN WING AIRCRAFT
- XV-5 AIRCRAFT
- RT ∞ AIRCRAFT
- LIFT FANS
- RESEARCH AIRCRAFT
- SHORT TAKEOFF AIRCRAFT
- TILT WING AIRCRAFT
- V/STOL AIRCRAFT
- VERTICAL TAKEOFF AIRCRAFT

FANLIFT DEVICES

- USE LIFT FANS

∞ FANS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACTUATOR DISKS
- AIR CONDITIONING EQUIPMENT
- AIR DUCTS
- ANTENNA RADIATION PATTERNS
- BLOWERS
- COMPRESSOR ROTORS
- COMPRESSORS
- DUCTED FANS
- FAN BLADES
- PROPELLER FANS
- TURBOFANS
- VENTILATION FANS
- WIND TUNNEL DRIVES

FANS (LANDFORMS)

- UF BAJADAS
- GS LANDFORMS
- FANS (LANDFORMS)
- RT ALLUVIUM
- CANYONS
- CLAYS
- DELTAS
- GRAVELS
- MUD
- SANDS
- SEDIMENTS

FAR FIELDS

- UF FRAUNHOFER REGION
- GS ELECTROMAGNETIC FIELDS
- FAR FIELDS
- RT ANTENNA RADIATION PATTERNS
- ELECTROMAGNETIC RADIATION
- FIELD THEORY (PHYSICS)
- FRESNEL REGION
- NEAR FIELDS
- NOISE PROPAGATION
- RADIANT FLUX DENSITY

FAR INFRARED RADIATION

- SN (30 MICRONS TO ABOUT 1000 MICRONS)
- GS ELECTROMAGNETIC RADIATION
- INFRARED RADIATION
- FAR INFRARED RADIATION
- RT LONG WAVE RADIATION
- NEAR INFRARED RADIATION
- ∞ RADIATION
- RADIO WAVES
- SHORT WAVE RADIATION
- SUBMILLIMETER WAVES
- TERRESTRIAL RADIATION

FAR ULTRAVIOLET RADIATION

- SN (200 TO 2000 ANGSTROMS)
- UF VACUUM ULTRAVIOLET RADIATION
- GS ELECTROMAGNETIC RADIATION
- ULTRAVIOLET RADIATION
- FAR ULTRAVIOLET RADIATION
- LYMAN ALPHA RADIATION
- LYMAN BETA RADIATION
- IONIZING RADIATION
- ULTRAVIOLET RADIATION
- FAR ULTRAVIOLET RADIATION
- LYMAN ALPHA RADIATION
- LYMAN BETA RADIATION
- RT BREMSSTRAHLUNG
- MAGELLAN MISSION

FAR ULTRAVIOLET RADIATION-(CONT)

- NEAR ULTRAVIOLET RADIATION
- ∞ RADIATION
- ULTRAVIOLET TELESCOPES
- X RAYS

FAR UV SPECTROSCOPIC EXPLORER

- GS SATELLITES
- ARTIFICIAL SATELLITES
- EXPLORER SATELLITES
- FAR UV SPECTROSCOPIC EXPLORER

FARADAY DARK SPACE

- RT GAS DISCHARGE TUBES
- GLOW DISCHARGES

FARADAY EFFECT

- UF FARADAY ROTATION
- GS ELECTROMAGNETIC PROPERTIES
- FARADAY EFFECT
- RT CIRCULATORS (PHASE SHIFT CIRCUITS)
- ∞ EFFECTS
- HALL GENERATORS
- KERR MAGNETOOPTICAL EFFECT
- MAGNETO-OPTICS
- OPTICAL MEASUREMENT
- OPTICAL PROPERTIES
- POLARIZATION (WAVES)
- POLARIZED ELECTROMAGNETIC RADIATION
- ROTATION

FARADAY ROTATION

- USE FARADAY EFFECT

FARM CROPS

- GS FARM CROPS
- ALFALFA
- COFFEE
- COTTON
- FRUITS
- GRAINS (FOOD)
- BARLEY
- CORN
- OATS
- RICE
- SORGHUM
- WHEAT
- HAY
- LEGUMINOUS PLANTS
- MILLET
- POTATOES
- SPINACH
- SUGAR BEETS
- SUGAR CANE
- SUNFLOWERS
- RT AGRICULTURE
- AGRICULTURE PROJECT
- BOTANY
- CROP CALENDARS
- CROP DUSTING
- CROP GROWTH
- CROP INVENTORIES
- CROP VIGOR
- ∞ CROPS
- CURING
- EARTH RESOURCES
- FARMLANDS
- FROST DAMAGE
- GRASSES
- GRASSLANDS
- IRRIGATION
- LARGE AREA CROP INVENTORY
- EXPERIMENT
- LOCUSTS
- ORCHARDS
- PLANTING
- PLOWING
- SEEDS
- VINEYARDS

FARMLANDS

- UF CROPLANDS
- PLOWED FIELDS
- GS LAND
- FARMLANDS
- RT AGRICULTURE
- AGROPHYSICAL UNITS
- CROP GROWTH
- CROP IDENTIFICATION
- CROP INVENTORIES
- CROP VIGOR
- ∞ CROPS
- EARTH RESOURCES

FARMLANDS-(CONT)

- FARM CROPS
- GRASSES
- GRASSLANDS
- HAY
- IRRIGATION
- LAND USE
- PLAINS
- PLANTING
- PLOWING
- REGIONAL PLANNING
- RURAL AREAS
- RURAL LAND USE
- SOD
- SUGAR BEETS
- SUGAR CANE

FAST FOURIER TRANSFORMATIONS

- UF FFT
- GS TRANSFORMATIONS (MATHEMATICS)
- INTEGRAL TRANSFORMATIONS
- FAST FOURIER TRANSFORMATIONS
- RT FUNCTIONS (MATHEMATICS)
- WALSH FUNCTION

FAST NEUTRONS

- GS NUCLEAR RADIATION
- FAST NEUTRONS
- PARTICLES
- ELEMENTARY PARTICLES
- FERMIONS
- NEUTRONS
- FAST NEUTRONS
- NEUTRAL PARTICLES
- NEUTRONS
- FAST NEUTRONS
- RT BARYONS
- NUCLEONS
- THERMAL NEUTRONS

FAST NUCLEAR REACTORS

- GS NUCLEAR REACTORS
- FAST NUCLEAR REACTORS
- EXPERIMENTAL BREEDER REACTOR
- 1
- EXPERIMENTAL BREEDER REACTOR
- 2
- FAST OXIDE REACTORS
- FAST TEST REACTORS
- GAS COOLED FAST REACTORS
- LIQUID METAL FAST BREEDER REACTORS
- RT ENRICO FERMI ATOMIC POWER PLANT
- NUCLEAR POWER REACTORS

FAST OXIDE REACTORS

- GS NUCLEAR REACTORS
- FAST NUCLEAR REACTORS
- FAST OXIDE REACTORS
- RT NUCLEAR POWER REACTORS

FAST TEST REACTORS

- GS NUCLEAR REACTORS
- FAST NUCLEAR REACTORS
- FAST TEST REACTORS
- RT ∞ REACTORS

FASTENERS

- GS FASTENERS
- ANCHORS (FASTENERS)
- BOLTS
- ROCK BOLTS
- TIE BOLTS
- LOCKS (FASTENERS)
- NUTS (FASTENERS)
- PINS
- RIVETS
- SCREWS
- WASHERS (SPACERS)
- ZIPPERS
- RT ADHESIVES
- ∞ BANDS
- ∞ BELTS
- BRAKETS
- CABLES (ROPES)
- CHAINS
- CLAMPS
- CLIPS
- CLOSURES
- CONNECTORS
- COUPLINGS
- FITTINGS
- HOLDERS
- HOOKS
- INSERTS

FASTING

FASTENERS-(CONT)

JOINTS (JUNCTIONS)
LATCHES
LINKAGES
LOCKING
LUGS
MOORING
RIBBONS
SLEEVES
SPACERS
∞ SPIKES
SPLICING
SPLINES
STRAPS
STRUCTURAL MEMBERS
STUDS (STRUCTURAL MEMBERS)
∞ TAPES
UNIONS (CONNECTORS)
WIRE

FASTING

RT AEROSPACE MEDICINE
DIETS
FOOD INTAKE
HYPOXIA

FAT EMBOLISMS

GS DISEASES
FAT EMBOLISMS
EMBOLISMS
RT AEROEMBOLISM
BLOOD VESSELS
CARDIOVASCULAR SYSTEM
HEART DISEASES

FATIGUE (BIOLOGY)

GS FATIGUE (BIOLOGY)
AUDITORY FATIGUE
FLIGHT FATIGUE
MUSCULAR FATIGUE
RT ASTHENOPIA
∞ BIOLOGY
DAMAGE
EFFORT
EXHAUSTION
HUMAN FACTORS ENGINEERING
HYPERKINESIA
MASSAGING
∞ PERFORMANCE
PHYSICAL EXERCISE
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WORK-REST CYCLE
WORKLOADS (PSYCHOPHYSIOLOGY)

FATIGUE (MATERIALS)

UF STRAIN FATIGUE
STRUCTURAL FATIGUE
GS FATIGUE (MATERIALS)
ACOUSTIC FATIGUE
BENDING FATIGUE
METAL FATIGUE
STRUCTURAL STRAIN
THERMAL FATIGUE
VOLUMETRIC STRAIN
RT BAUSCHINGER EFFECT
CRACK CLOSURE
CRACK GEOMETRY
CRACK PROPAGATION
CRACKING (FRACTURING)
CRACKS
CREEP PROPERTIES
CRYSTAL DISLOCATIONS
CYCLES
DAMAGE
DESTRUCTION
DUCTILITY
∞ ENDURANCE
FAILURE
FRACTOGRAPHY
FRETING
FRETING CORROSION
HARDNESS
∞ MATERIALS
MECHANICAL PROPERTIES
NOTCH SENSITIVITY
PLASTIC PROPERTIES
RESIDUAL STRENGTH
S-N DIAGRAMS
SHEAR PROPERTIES
SHOT PEENING
STRESS CONCENTRATION
STRESS CYCLES
STRESS RATIO

FATIGUE (MATERIALS)-(CONT)

STRESS RELAXATION
STRESS RELIEVING
STRESSES
STRUCTURAL FAILURE
SURFACE DEFECTS
SYSTEM FAILURES
TEMPERATURE INVERSIONS
THERMAL STRESSES
VIBRATION

FATIGUE DIAGRAMS

USE S-N DIAGRAMS

FATIGUE LIFE

GS LIFE (DURABILITY)
FATIGUE LIFE
MECHANICAL PROPERTIES
FATIGUE LIFE
RT ACCELERATED LIFE TESTS
BLOWOUTS
COFFIN-MANSON LAW
COMBINED STRESS
FAILURE ANALYSIS
PALMGREN-MINER RULE
RETIREMENT FOR CAUSE
S-N DIAGRAMS
SERVICE LIFE
STRESS CYCLES

FATIGUE TESTING MACHINES

RT ACOUSTIC EMISSION
∞ MACHINERY
∞ TEST EQUIPMENT

FATIGUE TESTS

RT BENDING
COFFIN-MANSON LAW
CREEP TESTS
DESTRUCTIVE TESTS
FERROGRAPHY
IMPACT TESTING MACHINES
IMPACT TESTS
LOAD TESTS
∞ MATERIALS TESTS
NOTCH STRENGTH
NOTCH TESTS
RESONANCE TESTING
S-N DIAGRAMS
SPECIMEN GEOMETRY
STATIC TESTS
STRESS CONCENTRATION
STRESS CYCLES
STRESS RATIO
TENSILE TESTS
TESTING TIME
∞ TESTS
THERMAL CYCLING TESTS
WEIBULL DENSITY FUNCTIONS
WELD TESTS

FATS

GS CARBOHYDRATES
FATS
CHOLINE
ORGANIC COMPOUNDS
FATS
CHOLINE
RT ADIPOSE TISSUES
∞ FOOD
GREASES
MYELIN
∞ NUTRIENTS
OILS
PALMITIC ACID
SYNTHETIC FOOD

FATTY ACIDS

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IODOACETIC ACID
ACETYL SALICYLIC ACID
BENZILIC ACID
BENZOIC ACID
DICARBOXYLIC ACIDS
TEREPHTHALATE
OLEIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
LIPOIC ACID

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FATTY ACIDS-(CONT)

PALMITIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IODOACETIC ACID
LIPOIC ACID
OLEIC ACID
PALMITIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IODOACETIC ACID
LIPOIC ACID
OLEIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
RT CASTOR OIL
∞ NUTRIENTS

FAULT MECHANICS

USE FRACTURE MECHANICS

FAULT TOLERANCE

RT ERROR ANALYSIS
ERROR DETECTION CODES
FAIL-SAFE SYSTEMS
FAILURE ANALYSIS
RELIABILITY ENGINEERING

FAULT TREES

GS TREES (MATHEMATICS)
FAULT TREES
RT GRAPHS (CHARTS)
TOPOLOGY

∞ FAULTS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ELECTRICAL FAULTS
GEOLOGICAL FAULTS
LANDFORMS
MASSIFS
SEAMOUNTS
TEST PATTERN GENERATORS

FAUNA

USE ANIMALS

FAYALITE

GS IRON COMPOUNDS
FAYALITE
MINERALS
FAYALITE
SILICON COMPOUNDS
SILICATES
FAYALITE

FBFM (MODULATION)

USE FEEDBACK FREQUENCY MODULATION

FBM (MISSILES)

USE FLEET BALLISTIC MISSILES

FCC LATTICES

USE FACE CENTERED CUBIC LATTICES

FD 2 AIRCRAFT

UF FAIREY DELTA 2 AIRCRAFT
GS FAIREY AIRCRAFT
FD 2 AIRCRAFT
JET AIRCRAFT
FD 2 AIRCRAFT
MONOPLANES
FD 2 AIRCRAFT
RESEARCH AIRCRAFT
FD 2 AIRCRAFT
TAILLESS AIRCRAFT
FD 2 AIRCRAFT
RT ∞ AIRCRAFT
DELTA WINGS

FDL-5 REENTRY VEHICLE

GS REENTRY VEHICLES
LIFTING REENTRY VEHICLES

FDL-5 REENTRY VEHICLE-(CONT)
FDL-5 REENTRY VEHICLE

FDMA
USE FREQUENCY DIVISION MULTIPLE ACCESS

FEAR
GS PHOBIAS
FEAR
RT FEAR OF FLYING
 ANXIETY
 EMOTIONS
 NEUROSES
 PANIC
 PSYCHOSES

FEAR OF FLYING
GS PHOBIAS
FEAR
FEAR OF FLYING
RT ANXIETY
 EMOTIONS
 NEUROSES

FEASIBILITY
RT COST ANALYSIS
 COSTS
 EFFICIENCY
 ESTIMATING
 EVALUATION

FEASIBILITY ANALYSIS
RT COST ANALYSIS
 ECONOMIC FACTORS
 MANAGEMENT PLANNING
 RESEARCH MANAGEMENT
 SYSTEMS ANALYSIS
 TECHNOLOGY ASSESSMENT

FEATHER RIVER BASIN (CA)
GS LANDFORMS
 STRUCTURAL BASINS
 RIVER BASINS
FEATHER RIVER BASIN (CA)
RT CALIFORNIA
 RIVERS

FEATHERING
RT PROPELLER BLADES
 PROPELLERS

FEATURE EXTRACTION
USE PATTERN RECOGNITION

FEATURE IDENTIFICATION AND LOCATION
EXPER
SN (FEATURE LOCATION AND IDENTIFICATION AND LOCATION EXPERIMENT)
RT EARTH OBSERVATIONS (FROM SPACE)
 IMAGE PROCESSING
 PATTERN RECOGNITION
 REMOTE SENSING
 REMOTE SENSORS
 SCENE ANALYSIS
 SPACE SHUTTLE PAYLOADS

FECES
GS WASTES
FECES
RT EXCRETION
 PERSPIRATION
 URINE

FEDERAL BUDGETS
RT ALLOCATIONS
 APPROPRIATIONS
 ∞ BUDGETS
 CONTRACTS
 COST ESTIMATES
 FINANCIAL MANAGEMENT
 GOVERNMENT PROCUREMENT
 PROCUREMENT MANAGEMENT

FEDERAL REPUBLIC OF GERMANY
USE WEST GERMANY

FEDERATIONS
GS ORGANIZATIONS
FEDERATIONS
RT BUREAUS (ORGANIZATIONS)
 INSTITUTIONS
 INTERNATIONAL COOPERATION

FEDERATIONS-(CONT)

NATIONS
TEAMS
UNIONIZATION
UNITED NATIONS

FEED SYSTEMS
RT COLD FLOW TESTS
 FEEDING (SUPPLYING)
 FUEL TANKS
 INTAKE SYSTEMS
 PUMPS
 ∞ SYSTEMS

FEEDBACK
GS **FEEDBACK**
 BIOFEEDBACK
 SENSORY FEEDBACK
 NEGATIVE FEEDBACK
 NONLINEAR FEEDBACK
 POSITIVE FEEDBACK
RT COMPENSATORS
 COMPLEXITY
 CONTROL THEORY
 CYBERNETICS
 ELECTROMAGNETIC INTERFERENCE
 EMOTIONAL FACTORS
 OSCILLATIONS
 OSCILLATORS
 ∞ SYSTEMS
 TRANSFER FUNCTIONS

FEEDBACK AMPLIFIERS
GS AMPLIFIERS
FEEDBACK AMPLIFIERS
RT DISTRIBUTED FEEDBACK LASERS
 NONLINEAR FEEDBACK
 OSCILLATORS
 PHANTASTRONS
 POSITIVE FEEDBACK
 POWER AMPLIFIERS
 SELF OSCILLATION
 SERVOAMPLIFIERS
 TRANSISTOR AMPLIFIERS
 VOLTAGE AMPLIFIERS

FEEDBACK CIRCUITS
GS CIRCUITS
FEEDBACK CIRCUITS
RT FEEDFORWARD CONTROL
 TRANSFER FUNCTIONS

FEEDBACK CONTROL
UF CLOSED LOOP SYSTEMS
GS AUTOMATIC CONTROL
FEEDBACK CONTROL
 CASCADE CONTROL
RT ADAPTIVE CONTROL
 ADAPTIVE OPTICS
 AUTOMATIC FREQUENCY CONTROL
 AUTOMATIC GAIN CONTROL
 ∞ AUTOMATION
 BIOFEEDBACK
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 DISTRIBUTED FEEDBACK LASERS
 DYNAMIC CONTROL
 ELECTRONIC CONTROL
 KALMAN-SCHMIDT FILTERING
 LEARNING MACHINES
 NEGATIVE FEEDBACK
 NONLINEAR FEEDBACK
 OBSERVABILITY (SYSTEMS)
 OPTIMAL CONTROL
 PROPORTIONAL CONTROL
 ROBUSTNESS (MATHEMATICS)
 SERVOCONTROL
 SERVOMECHANISMS
 STABILITY AUGMENTATION
 TERMINAL CONFIGURED VEHICLE PROGRAM
 TRACKING PROBLEM

FEEDBACK FREQUENCY MODULATION
UF FBFM (MODULATION)
GS MODULATION
 FREQUENCY MODULATION
FEEDBACK FREQUENCY MODULATION
RT PHASE LOCKED SYSTEMS

FEEDERS

SN (FOR FLUID AND PARTICULATE MATERIALS)
RT CONVEYORS
 DISPENSERS
 DISTRIBUTORS
 FEEDING (SUPPLYING)
 FUEL SYSTEMS
 INJECTORS
 INTAKE SYSTEMS
 LOADING OPERATIONS
 MATERIALS HANDLING
 MIXERS

FEEDFORWARD CONTROL
GS AUTOMATIC CONTROL
FEEDFORWARD CONTROL
RT ADAPTIVE CONTROL
 ∞ AUTOMATION
 ∞ CONTROL
 CONTROL THEORY
 FEEDBACK CIRCUITS
 OPTIMAL CONTROL

FEEDING (SUPPLYING)
RT FEED SYSTEMS
 FEEDERS
 INJECTION
 INPUT
 ∞ LOADING
 MATERIALS HANDLING

FEELINGS
USE SENSORY FEEDBACK

FEET (ANATOMY)
GS ANATOMY
 LIMBS (ANATOMY)
 LEG (ANATOMY)
FEET (ANATOMY)
RT LEG (ANATOMY)
 LIMBS (ANATOMY)
 PHYSIOLOGY

FELDSPARS
GS ALUMINUM COMPOUNDS
FELDSPARS
 MINERALS
FELDSPARS
 SILICON COMPOUNDS
 SILICATES
FELDSPARS
RT ANDESITE
 ANORTHOSITE
 FELSITE
 IGNEOUS ROCKS

FELLOWSHIP AIRCRAFT
USE F-28 TRANSPORT AIRCRAFT

FELSITE
GS ROCKS
 IGNEOUS ROCKS
FELSITE
RT FELDSPARS
 MINERALS
 QUARTZ

FELTS
GS FABRICS
FELTS
RT WOOL

FEMALES
UF WOMEN
RT CHILDREN
 GYNECOLOGY
 HUMAN BEINGS
 MALES
 MENSTRUATION
 SEX
 SEX FACTOR

FEMUR
GS ANATOMY
 MUSCULOSKELETAL SYSTEM
 BONES
FEMUR
RT KNEE (ANATOMY)
 LEG (ANATOMY)

FENCES

- ∞ **FENCES**
 - SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 - RT AIRFOIL FENCES
FENCES (BARRIERS)
TRACKING STATIONS
- FENCES (BARRIERS)**
 - RT ∞ BARRIERS
BOUNDARIES
∞ FENCES
GATES (OPENINGS)
- FERMAT PRINCIPLE**
 - RT ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
MULTIPATH TRANSMISSION
OPTICAL THICKNESS
VELOCITY
- FERMENTATION**
 - GS CHEMICAL REACTIONS
FERMENTATION
METABOLISM
ENZYME ACTIVITY
FERMENTATION
 - RT BIOCONVERSION
BUTYRIC ACID
- FERMI LIQUIDS**
 - GS LIQUIDS
CRYOGENIC FLUIDS
FERMI LIQUIDS
 - RT CRYOGENICS
- FERMI SURFACES**
 - RT BRILLOUIN ZONES
CYCLOTRON RESONANCE
ENERGY LEVELS
MAGNETORESISTIVITY
∞ SURFACES
TRANSITION PROBABILITIES
- FERMI-DIRAC STATISTICS**
 - RT BOSONS
FERMIONS
QUANTUM MECHANICS
QUANTUM STATISTICS
∞ STATISTICS
- FERMIONS**
 - GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
BARYONS
HYPERONS
XI HYPERONS
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS
ETA-MESONS
LEPTONS
ANTINEUTRINOS
MUONS
NEUTRINOS
SOLAR NEUTRINOS
MESON RESONANCE
NEUTRONS
COLD NEUTRONS
FAST NEUTRONS
PHOTONEUTRONS
THERMAL NEUTRONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
 - RT FERMIDIRAC STATISTICS
PAULI EXCLUSION PRINCIPLE
QUANTUM STATISTICS
- FERMIUM**
 - GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
FERMIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
FERMIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
FERMIUM
METALS

FERMIUM-(CONT)

- ACTINIDE SERIES
TRANSURANIUM ELEMENTS
FERMIUM
- FERRANTI MERCURY COMPUTER**
 - GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
FERRANTI MERCURY COMPUTER
- FERRATES**
 - GS IRON COMPOUNDS
FERRATES
BARIUM FERRATES
- FERRIC IONS**
 - GS IONS
CATIONS
METAL IONS
FERRIC IONS
PARTICLES
CHARGED PARTICLES
CATIONS
METAL IONS
FERRIC IONS
- FERRIMAGNETIC MATERIALS**
 - GS MAGNETIC MATERIALS
FERRIMAGNETIC MATERIALS
 - RT FERROMAGNETIC MATERIALS
∞ MATERIALS
- FERRIMAGNETISM**
 - GS MAGNETIC PROPERTIES
FERRIMAGNETISM
 - RT FERRIMAGNETS
MAGNONS
- FERRIMAGNETS**
 - GS MAGNETS
FERRIMAGNETS
 - RT FERRIMAGNETISM
- FERRITES**
 - GS IRON COMPOUNDS
FERRITES
 - RT AUSTENITE
FERRITIC STAINLESS STEELS
GYRATORS
IRON ALLOYS
MAGNETIC CORES
MICROSTRUCTURE
PEARLITE
SPINEL
STEELS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
- FERRITIC STAINLESS STEELS**
 - GS ALLOYS
IRON ALLOYS
STEELS
STAINLESS STEELS
FERRITIC STAINLESS STEELS
 - RT CHROMIUM STEELS
FERRITES
HEAT TREATMENT
MAGNETIC PROPERTIES
MECHANICAL PROPERTIES
- FERROALLOYS**
 - USE IRON ALLOYS
- FERROCENES**
 - GS IRON COMPOUNDS
FERROCENES
ALKYLFERROCENE
ORGANOMETALLIC COMPOUNDS
FERROCENES
- FERROELECTRICITY**
 - GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
FERROELECTRICITY
 - RT ANTIFERROELECTRICITY
CURIE TEMPERATURE
DIELECTRIC PROPERTIES
MICROWAVE SWITCHING
- FERROFLUIDS**
 - GS LIQUIDS
FERROFLUIDS
MAGNETIC MATERIALS

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FERROFLUIDS-(CONT)

- FERROMAGNETIC MATERIALS
FERROFLUIDS
- RT DISPERSIONS
∞ FLUIDS
MICROPARTICLES
SUSPENDING (MIXING)
∞ SUSPENSIONS
- FERROGRAPHY**
 - RT FATIGUE TESTS
METALLOGRAPHY
WEAR TESTS
- FERROMAGNETIC FILMS**
 - GS MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
FERROMAGNETIC FILMS
THIN FILMS
FERROMAGNETIC FILMS
- FERROMAGNETIC MATERIALS**
 - GS MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
FERROFLUIDS
FERROMAGNETIC FILMS
MAGNETITE
PERMALLOYS (TRADEMARK)
 - RT FERRIMAGNETIC MATERIALS
MAGNETS
∞ MATERIALS
YOKES
- FERROMAGNETIC RESONANCE**
 - GS RESONANCE
MAGNETIC RESONANCE
FERROMAGNETIC RESONANCE
 - RT MAGNETIC FIELDS
PARAMAGNETIC RESONANCE
- FERROMAGNETISM**
 - UF ISING MODEL
 - GS MAGNETIC PROPERTIES
FERROMAGNETISM
 - RT ANTIFERROMAGNETISM
CURIE TEMPERATURE
CURIE-WEISS LAW
DIAMAGNETISM
LANGEVIN FORMULA
MAGNETIC CORES
MAGNETIC DISPERSION
MAGNETS
MAGNONS
- FERROUS METALS**
 - GS METALS
FERROUS METALS
 - RT ALLOYS
CHEMICAL ELEMENTS
IRON
IRON ISOTOPES
∞ METALLURGY
- FERRY SPACECRAFT**
 - UF SPACE BUSES
 - GS MANEUVERABLE SPACECRAFT
FERRY SPACECRAFT
MANNED SPACECRAFT
FERRY SPACECRAFT
 - RT ASTRO VEHICLE
CARGO SPACECRAFT
MARS (MANNED REUSABLE SPACECRAFT)
REENTRY VEHICLES
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SOFT LANDING SPACECRAFT
SPACE STATIONS
- FERTILITY**
 - RT BREEDING (REPRODUCTION)
FERTILIZATION
∞ REPRODUCTION
REPRODUCTION (BIOLOGY)
REPRODUCTIVE SYSTEMS
- FERTILIZATION**
 - RT BIRTH
FERTILITY
RECOMBINATION REACTIONS
∞ REPRODUCTION
SPERMATOZOA

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FIELD EFFECT TRANSISTORS

FERTILIZERS

RT AMMONIA
AMMONIUM NITRATES
ASHES
CULTIVATION
PLANTING
UREAS
VEGETATION GROWTH

FET (TRANSISTORS)

USE FIELD EFFECT TRANSISTORS

FETUSES

UF FOETUSES
RT BIRTH
EGGS
EMBRYOLOGY
EMBRYOS
REPRODUCTION (BIOLOGY)
REPRODUCTIVE SYSTEMS

FEVER

RT BODY TEMPERATURE
HYPERTHERMIA
SKIN TEMPERATURE (BIOLOGY)

FEYNMAN DIAGRAMS

GS DIAGRAMS
FEYNMAN DIAGRAMS
RT ELECTROMAGNETIC INTERACTIONS
MINKOWSKI SPACE
PARTICLE INTERACTIONS
QUANTUM ELECTRODYNAMICS

FFAR ROCKET VEHICLE

USE FOLDING FIN AIRCRAFT ROCKET
VEHICLE

FFT

USE FAST FOURIER TRANSFORMATIONS

FH-1100 HELICOPTER

USE OH-5 HELICOPTER

FIAT AIRCRAFT

GS FIAT AIRCRAFT
G-91 AIRCRAFT
G-95/4 AIRCRAFT
G 222 AIRCRAFT
RT ∞ AIRCRAFT

FIAT G-91 AIRCRAFT

USE G-91 AIRCRAFT

FIAT G-95/4 AIRCRAFT

USE G-95/4 AIRCRAFT

FIAT G-222 AIRCRAFT

USE G 222 AIRCRAFT

FIBER COMPOSITES

GS COMPOSITE MATERIALS
FIBER COMPOSITES
CARBON FIBER REINFORCED
PLASTICS
GLASS FIBER REINFORCED PLASTICS
RT ALUMINUM BORON COMPOSITES
ALUMINUM GRAPHITE COMPOSITES
BORON FIBERS
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
BORSIC (TRADENAME)
CARBON FIBERS
CARBON-CARBON COMPOSITES
COMPOSITE WRAPPING
FIBER REINFORCED COMPOSITES
FILAMENT WINDING
GRAPHITE
GRAPHITE-EPOXY COMPOSITES
LAMINATES
METAL FIBERS
METAL MATRIX COMPOSITES
MICARTA
POLYMER MATRIX COMPOSITES
PULTRUSION
REINFORCED PLASTICS
REINFORCING FIBERS
SUPERHYBRID MATERIALS
THREE DIMENSIONAL COMPOSITES

FIBER OPTICS

RT CASSEGRAIN OPTICS
CRYSTAL OPTICS
ELECTRON TUBES

FIBER OPTICS-(CONT)

GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
LIGHT TRANSMISSION
∞ OPTICS
PHOTONICS
PHYSICAL OPTICS
SAGNAC EFFECT
VIDICONS

FIBER ORIENTATION

RT BORON FIBERS
COMPOSITE MATERIALS
DYNAMIC RESPONSE
EPOXY MATRIX COMPOSITES
GLASS FIBER REINFORCED PLASTICS
IMPACT LOADS
LAY-UP
MECHANICAL PROPERTIES
∞ ORIENTATION
REINFORCING FIBERS

FIBER REINFORCED COMPOSITES

GS COMPOSITE MATERIALS
FIBER REINFORCED COMPOSITES
RT FIBER COMPOSITES
GLASS FIBER REINFORCED PLASTICS
MATRIX MATERIALS
REINFORCING MATERIALS

FIBER RELEASE

GS RELEASING
FIBER RELEASE
RT CARBON FIBERS
COMBUSTION PRODUCTS
COMPOSITE MATERIALS
FIBERS
FIRES
GRAPHITE

FIBER STRENGTH

GS MECHANICAL PROPERTIES
FIBER STRENGTH
RT BENDING
BORON FIBERS
COMPRESSIVE STRENGTH
HOOKES LAW
POISSON RATIO
SHEAR STRENGTH
∞ STRENGTH
TENSILE STRENGTH

FIBERBOARD

USE BOARDS (PAPER)

FIBERGLASS

USE GLASS FIBERS

FIBERS

UF FIBROUS MATERIALS
REFRASIL (TRADEMARK)
GS FIBERS
COTTON FIBERS
HAIR
LINEN
METAL FIBERS
MICROFIBERS
REINFORCING FIBERS
BORON FIBERS
CARBON FIBERS
SILK
SYNTHETIC FIBERS
DACRON (TRADEMARK)
FORTISAN (TRADEMARK)
GLASS FIBERS
NYLON (TRADEMARK)
RAYON
VYCOR
WOOL
RT BORON REINFORCED MATERIALS
CARBON FIBER REINFORCED PLASTICS
COMPOSITE MATERIALS
CORDAGE
COTTON
FABRICS
FIBER RELEASE
∞ FILAMENTS
GLASS FIBER REINFORCED PLASTICS
METAL MATRIX COMPOSITES
PAPERS
POLYMERIC FILMS
REINFORCING MATERIALS
SLIVERS
STRANDS
TEXTILES

FIBERS-(CONT)

WET SPINNING
WHISKERS (CRYSTALS)
YARNS

FIBERS (MATHEMATICS)

RT CANONICAL FORMS
DIMENSIONAL ANALYSIS
FUNCTION SPACE
GROUP THEORY
HOMOTOPY THEORY
MANIFOLDS (MATHEMATICS)
TOPOLOGY

FIBONACCI NUMBERS

RT NUMBER THEORY
∞ NUMBERS
SET THEORY

FIBRILLATION

RT HEART DISEASES
MUSCLES
SEISMOCARDIOGRAPHY

FIBRIN

GS PROTEINS
FIBRIN
RT BLOOD
COAGULATION

FIBRINOGEN

GS PROTEINS
FIBRINOGEN
RT HEMOSTATICS
HOMEOSTASIS
THROMBIN

FIBROBLASTS

GS CELLS (BIOLOGY)
FIBROBLASTS
COLLAGENS
RT CYTOPLASM
TENDONS
TISSUES (BIOLOGY)

FIBROSIS

GS DISEASES
FIBROSIS
CYSTIC FIBROSIS
RT TISSUES (BIOLOGY)

FIBROUS MATERIALS

USE FIBERS

FICKS EQUATION

RT DIFFUSION
DIFFUSION COEFFICIENT
∞ EQUATIONS
TAFEL LAW

FIDELITY

USE ACCURACY

FIDUCIARIES

RT ECONOMICS
FINANCE
MANAGEMENT

FIELD ARMY BALLISTIC MISSILES

GS MISSILES
BALLISTIC MISSILES
FIELD ARMY BALLISTIC MISSILES
SUBROC MISSILE
RT INTERMEDIATE RANGE BALLISTIC
MISSILES
SHORT RANGE BALLISTIC MISSILES

FIELD COILS

GS MAGNET COILS
FIELD COILS
RT ELECTROMAGNETS
HELICAL INDUCERS

FIELD EFFECT TRANSISTORS

UF CASCODE MOSFET
FET (TRANSISTORS)
IGFET
MESFETS
MISFETS
MOSFET
UNIPOLAR TRANSISTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES

FIELD EMISSION

FIELD EFFECT TRANSISTORS-(CONT)

TRANSISTORS
FIELD EFFECT TRANSISTORS
 CHARGE FLOW DEVICES
 JFET
 RT ∞ EFFECTS
 HIGH ELECTRON MOBILITY
 TRANSISTORS
 ION IMPLANTATION

FIELD EMISSION

GS DECAY
 EMISSION
 PARTICLE EMISSION
 ELECTRON EMISSION
FIELD EMISSION
 RT ELECTRIC FIELDS
 ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 MAGNETIC FIELDS
 SECONDARY EMISSION
 ZENER EFFECT

FIELD INTENSITY METERS

SN (EMPLOY THIS TERM WHEN TYPE OF
 FIELD INVOLVED IS NOT
 SPECIFIED--OTHERWISE USE A MORE
 SPECIFIC TERM)
 GS MEASURING INSTRUMENTS
FIELD INTENSITY METERS
 RT ACTINOMETERS
 FLUX DENSITY
 MAGNETOMETERS
 NOISE METERS

FIELD MODE THEORY

RT ∞ THEORIES

FIELD OF VIEW

GS VIEWING
FIELD OF VIEW
 RT BEARING (DIRECTION)
 CONICAL SCANNING
 ELEVATION ANGLE
 ∞ FIELDS
 LOOK ANGLES (TRACKING)
 VISUAL FIELDS

FIELD STRENGTH

GS **FIELD STRENGTH**
 ELECTRIC FIELD STRENGTH
 MAGNETIC FLUX
 RT ACOUSTIC PROPERTIES
 DIRECTIVITY
 ELECTRIC FIELDS
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC FIELDS
 FLUX DENSITY
 GRAVITATIONAL FIELDS
 ISOTROPY
 MAGNETIC DIFFUSION
 MAGNETIC FIELDS
 MAGNETIC PROPERTIES
 ∞ ORIENTATION
 PERMITTIVITY
 ∞ STRENGTH

FIELD THEORY (ALGEBRA)

GS **FIELD THEORY (ALGEBRA)**
 CUBIC EQUATIONS
 QUADRATIC EQUATIONS
 RT ∞ FIELDS
 GREEN'S FUNCTIONS
 HOMOMORPHISMS
 NONLINEAR EQUATIONS
 ∞ THEORIES

FIELD THEORY (PHYSICS)

UF AMBIT
 FORCE FIELDS
 WIGHTMAN THEORY
 GS **FIELD THEORY (PHYSICS)**
 QUANTUM CHROMODYNAMICS
 INSTANTONS
 STRONG INTERACTIONS (FIELD
 THEORY)
 UNIFIED FIELD THEORY
 WEAK INTERACTIONS (FIELD THEORY)
 RT ANTENNA RADIATION PATTERNS
 ATTRACTION
 BOSON FIELDS
 CLOSURE LAW
 CROSSED FIELDS
 DIRAC EQUATION
 DISTRIBUTION (PROPERTY)

FIELD THEORY (PHYSICS)-(CONT)

∞ DYNAMICS
 ELECTROMAGNETIC FIELDS
 FAR FIELDS
 ∞ FIELDS
 FLOW DISTRIBUTION
 FLUX (RATE)
 FLUX DENSITY
 FUNCTION SPACE
 GEOMAGNETISM
 GRAVITATIONAL FIELDS
 GREEN'S FUNCTIONS
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAGNETOSTATIC FIELDS
 MANY BODY PROBLEM
 MULTIPOLAR FIELDS
 NUCLEAR PHYSICS
 NULL ZONES
 ∞ PHYSICS
 POMERANCHUK THEOREM
 POTENTIAL FIELDS
 PRESSURE DISTRIBUTION
 QUANTUM ELECTRODYNAMICS
 QUANTUM THEORY
 RADIATION DISTRIBUTION
 RELATIVITY
 SELF CONSISTENT FIELDS
 SOUND FIELDS
 TEMPERATURE DISTRIBUTION
 TENSORS
 ∞ THEORIES
 TRAVELING CHARGE
 YANG-MILLS FIELDS
 YANG-MILLS THEORY
 ZERO POINT ENERGY

∞ FIELDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BOSON FIELDS
 ELECTRIC FIELDS
 FIELD OF VIEW
 FIELD THEORY (ALGEBRA)
 FIELD THEORY (PHYSICS)
 GRAVITATIONAL FIELDS
 MAGNETIC FIELDS
 MILITARY AIR FACILITIES
 SELF CONSISTENT FIELDS
 VISUAL FIELDS

FIGHTER AIRCRAFT

UF INTERCEPTOR AIRCRAFT
 GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
 ALPHA JET AIRCRAFT
 F-2 AIRCRAFT
 F-4 AIRCRAFT
 F-5 AIRCRAFT
 F-8 AIRCRAFT
 F-9 AIRCRAFT
 F-14 AIRCRAFT
 F-15 AIRCRAFT
 F-16 AIRCRAFT
 F-17 AIRCRAFT
 F-18 AIRCRAFT
 F-27 AIRCRAFT
 F-84 AIRCRAFT
 F-86 AIRCRAFT
 F-89 AIRCRAFT
 F-94 AIRCRAFT
 F-100 AIRCRAFT
 F-101 AIRCRAFT
 F-102 AIRCRAFT
 F-104 AIRCRAFT
 F-105 AIRCRAFT
 F-106 AIRCRAFT
 F-111 AIRCRAFT
 FV-12A AIRCRAFT
 G-91 AIRCRAFT
 G-95/4 AIRCRAFT
 GA-5 AIRCRAFT
 JAGUAR AIRCRAFT
 JET PROVOST AIRCRAFT
 MIG AIRCRAFT
 MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 P-51 AIRCRAFT
 P-1127 AIRCRAFT
 P-1154 AIRCRAFT
 SAAB 37 AIRCRAFT
 SCIMITAR AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VJ 101 AIRCRAFT

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FIGHTER AIRCRAFT-(CONT)

YF-12 AIRCRAFT
 YF-16 AIRCRAFT
 RT ∞ AIRCRAFT
 HIGHLY MANEUVERABLE AIRCRAFT
 ∞ INTERCEPTORS
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 ∞ MILITARY AVIATION
 MRCA AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 SUPERSONIC AIRCRAFT
 TRAINING AIRCRAFT
 V/STOL AIRCRAFT

FIGURE OF MERIT

RT ACCEPTABILITY
 ∞ ANALYZING
 CRITERIA
 EFFICIENCY
 EVALUATION
 MODULATION TRANSFER FUNCTION
 OPTICAL TRANSFER FUNCTION
 ∞ PERFORMANCE
 Q FACTORS
 QUALITY
 SELECTION
 VALUE

FILAMENT WINDING

UF FILAMENT WOUND CONSTRUCTION
 GS WINDING
FILAMENT WINDING
 RT COMPOSITE WRAPPING
 FIBER COMPOSITES
 ISOTENSOID STRUCTURES
 LAMINATES
 METAL FIBERS
 PREIMPREGNATION

FILAMENT WOUND CONSTRUCTION

USE FILAMENT WINDING

∞ FILAMENTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BORON FIBERS
 CARBON FIBERS
 CATHODES
 CORDAGE
 FIBERS
 IONIZERS
 REINFORCING MATERIALS
 RESISTORS
 STRANDS
 VORTEX FILAMENTS
 WET SPINNING
 WHISKERS (CRYSTALS)
 WIRE

FILAMENTS (SOLAR PHYSICS)

USE SOLAR PROMINENCES

FILE MAINTENANCE (COMPUTERS)

GS MAINTENANCE
FILE MAINTENANCE (COMPUTERS)
 RT CHECKOUT
 COMPUTER PROGRAMMING
 COMPUTERS
 PROGRAM VERIFICATION (COMPUTERS)
 PROGRAMMERS
 ∞ PROGRAMMING

∞ FILES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DOCUMENT STORAGE
 FILES (TOOLS)

FILES (TOOLS)

GS TOOLS
FILES (TOOLS)
 RT ABRASION
 ∞ FILES
 SCRAPERS

FILLERS

RT ADDITIVES
 ∞ CELLS
 DOPES
 OPACIFIERS
 PAINTS

NASA THESAURUS (VOLUME 1)

FILLERS-(CONT)
 PIGMENTS
 PRIMERS (COATINGS)
 REINFORCEMENT (STRUCTURES)
 RESINS
 SEALERS
 SIZING MATERIALS
 VARNISHES

FILLETS
 RT FAIRINGS
 JOINTS (JUNCTIONS)
 SEAMS (JOINTS)
 WELDING

FILLING
 GS **FILLING**
 REFILLING
 ACCUMULATIONS
 RT **CHARGING**
 EXTENSIONS
 INJECTION
 INPUT
 ∞ **LOADING**
 REPLENISHMENT
 SUPPLYING

FILM BOILING
 GS PHASE TRANSFORMATIONS
 VAPORIZING
 BOILING
 RT **FILM BOILING**
 HEAT TRANSFER
 LEIDENFROST PHENOMENON
 NUCLEATE BOILING

FILM CONDENSATION
 GS CONDENSING
 RT **FILM CONDENSATION**
 CONDENSERS (LIQUEFIERS)
 COOLING
 HEAT TRANSFER

FILM COOLING
 GS COOLING
 EVAPORATIVE COOLING
FILM COOLING
 LIQUID COOLING
 RT **FILM COOLING**
 LIQUID INJECTION
 SURFACE COOLING
 SWEAT COOLING

FILM THICKNESS
 GS DIMENSIONS
 RT **FILM THICKNESS**
 THICKNESS

∞ **FILMS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COATINGS
 CORROSION PREVENTION
 ELECTRODE FILM BARRIERS
 FABRICS
 FLUID FILMS
 HELIUM FILM
 KAPTON (TRADEMARK)
 LAMINATES
 MAGNETIC FILMS
 MEMBRANES
 METAL FILMS
 MONOMOLECULAR FILMS
 OXIDE FILMS
 PAPERS
 PHOTOGRAPHIC FILM
 POLYMERIC FILMS
 SEMICONDUCTING FILMS
 SILICON FILMS
 SQUEEZE FILMS
 THERMOPLASTIC FILMS
 THICK FILMS
 THIN FILMS
 WEBS (SHEETS)

FILTER WHEEL INFRARED SPECTROMETERS
 GS MEASURING INSTRUMENTS
 OPTICAL MEASURING INSTRUMENTS
 INFRARED SPECTROMETERS
FILTER WHEEL INFRARED SPECTROMETERS
 SPECTROMETERS
 INFRARED SPECTROMETERS

FILTER WHEEL INFRARED-(CONT)
FILTER WHEEL INFRARED SPECTROMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 INFRARED SPECTROMETERS
FILTER WHEEL INFRARED SPECTROMETERS
 RT EBERT SPECTROMETERS
 ∞ **FILTERS**
 INFRARED SPECTROPHOTOMETERS
 SOLAR SPECTROMETERS

FILTERING
 USE FILTRATION

∞ **FILTERS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ABSORBERS (MATERIALS)
 ADAPTIVE FILTERS
 AIR FILTERS
 ATTENUATORS
 BANDPASS FILTERS
 BANDSTOP FILTERS
 BIREFRINGENT FILTERS
 CRYSTAL FILTERS
 DIGITAL FILTERS
 ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ELECTRONIC FILTERS
 FILTER WHEEL INFRARED SPECTROMETERS
 FIR FILTERS
 FLUID FILTERS
 HIGH PASS FILTERS
 IMAGE FILTERS
 KALMAN FILTERS
 LINEAR FILTERS
 LOW PASS FILTERS
 MATCHED FILTERS
 MONOCHROMATIC RADIATION
 NONLINEAR FILTERS
 OPTICAL FILTERS
 RADIO FILTERS
 REDUCED ORDER FILTERS
 SEPARATORS
 SPATIAL FILTERING

FILTRATION
 UF FILTERING
 GS **FILTRATION**
 SPATIAL FILTERING
 RT ACTIVATED CARBON
 BEDS (PROCESS ENGINEERING)
 BENEFICIATION
 CONCENTRATING
 ∞ CONCENTRATION
 CONCENTRATORS
 EFFLUENTS
 EXTRACTION
 FLUID FILTERS
 HYDROMETALLURGY
 MATERIALS RECOVERY
 PERCOLATION
 PRECIPITATION (CHEMISTRY)
 ∞ SCREENING
 ∞ SEPARATION
 SEWAGE TREATMENT
 SIZE SEPARATION
 WATER TREATMENT

FINANCE
 RT ACCOUNTING
 COMMERCE
 FIDUCIARIES
 GROSS NATIONAL PRODUCT
 INVESTMENTS
 MANAGEMENT PLANNING
 MARKETING
 RISK
 WAGE SURVEYS

FINANCIAL MANAGEMENT
 GS MANAGEMENT
 RT **FINANCIAL MANAGEMENT**
 AIRCRAFT PRODUCTION COSTS
 ALLOCATIONS
 BUDGETING
 COST ANALYSIS
 COST ESTIMATES
 COSTS
 ECONOMY
 FEDERAL BUDGETS

FINITE DIFFERENCE THEORY

FINANCIAL MANAGEMENT-(CONT)
 LIFE CYCLE COSTS *
 PROCUREMENT MANAGEMENT

∞ **FINE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT FINE STRUCTURE
 FINENESS
 FINENESS RATIO
 FINES

FINE STRUCTURE
 UF MULTIPLETS
 RT ALPHA DECAY
 ATOMIC STRUCTURE
 ∞ FINE
 HYPERFINE STRUCTURE
 LINE SPECTRA
 SPECTRAL ENERGY DISTRIBUTION
 ∞ STRUCTURES

FINENESS
 RT COARSENESS
 FINENESS RATIO
 PARTICLE SIZE DISTRIBUTION
 PURITY
 QUALITY
 SIZE (DIMENSIONS)
 TEXTURES

FINENESS RATIO
 GS RATIOS
 RT **FINENESS RATIO**
 ASPECT RATIO
 DIMENSIONS
 FINENESS
 OBLATE SPHEROIDS
 SLENDER BODIES
 THICKNESS RATIO

FINES
 GS PARTICLES
 POWDER (PARTICLES)
 FINES
 RT ∞ FINE
 ∞ FLOUR
 FRACTIONS
 PARTICLE SIZE DISTRIBUTION
 ∞ SCREENING

FINGERS
 GS ANATOMY
 LIMBS (ANATOMY)
 HAND (ANATOMY)
 FINGERS
 RT HAND (ANATOMY)
 SENSE ORGANS

FINISHES
 GS FINISHES
 ENAMELS
 GLAZES
 LACQUERS
 RT CERAMIC COATINGS
 COATINGS
 CORROSION
 DOPES
 IMPREGNATING
 LUSTER
 MACHINING
 METALLIZING
 PAINTS
 PLATING
 POLISHING
 PRIMERS (COATINGS)
 PROTECTIVE COATINGS
 SIZING (SURFACE TREATMENT)
 SPRAYED COATINGS
 SURFACE FINISHING
 SURFACE PROPERTIES
 VARNISHES
 VENEERS
 WAXES

FINITE DIFFERENCE THEORY
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
 RT **FINITE DIFFERENCE THEORY**
 CRANK-NICHOLSON METHOD
 DIFFERENCE EQUATIONS
 DIFFERENCES
 EXTRAPOLATION

FINITE ELEMENT METHOD

FINITE DIFFERENCE THEORY-(CONT)

INTERPOLATION
SIGNIFICANCE
∞ THEORIES
TIME MARCHING

FINITE ELEMENT METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION

FINITE ELEMENT METHOD

PROCEDURES
FINITE ELEMENT METHOD
RT ∞ APPLICATIONS OF MATHEMATICS
BOUNDARY VALUE PROBLEMS
CHOLESKY FACTORIZATION
COMPUTATIONAL FLUID DYNAMICS
CONJUGATES
CRANK-NICHOLSON METHOD
FACTORIZATION
FRACTURE MECHANICS
ISOPARAMETRIC FINITE ELEMENTS
ITERATIVE SOLUTION
MATRICES (MATHEMATICS)
∞ METHODOLOGY
MINIMAL SURFACES
NASTRAN
PANEL METHOD (FLUID DYNAMICS)
SOLID MECHANICS

FINITE IMPULSE RESPONSE FILTERS

USE FIR FILTERS

FINITE VOLUME METHOD

GS PROCEDURES
FINITE VOLUME METHOD
RT BOUNDARY VALUE PROBLEMS
∞ METHODOLOGY

FINITE-STATE MACHINES

USE TURING MACHINES

FINLAND

GS NATIONS
FINLAND
RT EUROPE
SCANDINAVIA

FINNED BODIES

RT AERODYNAMIC CONFIGURATIONS
∞ BODIES
BODIES OF REVOLUTION
COOLING FINS
FINS
HEAT EXCHANGERS
MISSILE BODIES
NOSE FINS
PROJECTILES
SYMMETRICAL BODIES

FINS

UF VERTICAL FINS
GS FINS
COOLING FINS
NOSE FINS
RT AERIAL RUDDERS
AIRFOILS
AIRFRAMES
∞ BLADES
CONTROL SURFACES
FINNED BODIES
HYDROFOILS
MISSILE COMPONENTS
RUDDERS
SAILS
STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES
VANES
WINGLETS

FIORDS

GS LANDFORMS
FIORDS
RT CLIFFS
GEOLOGY
INLETS (TOPOGRAPHY)
NORWAY
OCEANOGRAPHY
WATER

FIR FILTERS

UF FINITE IMPULSE RESPONSE FILTERS
GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS

FIR FILTERS-(CONT)

DIGITAL FILTERS
FIR FILTERS
RT BANDPASS FILTERS
ELECTRONIC FILTERS
∞ FILTERS
MICROWAVE FILTERS
RADAR FILTERS
RECURSIVE FUNCTIONS

FIRE CONTROL

SN (LIMITED TO CONTROL OF THE FIRING
OF WEAPONS--EXCLUDES FIRE
PREVENTION AND FIRE FIGHTING)
RT BOMBING EQUIPMENT
∞ CONTROL
FIRING (IGNITING)
GUNFIRE
GUNNERY TRAINING
RANGE FINDERS
WEAPON SYSTEMS
WEAPONS

FIRE CONTROL CIRCUITS

GS CIRCUITS
FIRE CONTROL CIRCUITS
RT ∞ CONTROL

FIRE DAMAGE

GS DAMAGE
FIRE DAMAGE
RT ASHES
CHARRING
COMBUSTION
FIRES
FLAMES
FUMES
SMOKE
SOOT

FIRE EXTINGUISHERS

UF CHEMICAL EXTINGUISHERS
EXTINGUISHERS
RT FIREBREAKS

FIRE FIGHTING

SN (EXCLUDES FIRE CONTROL--CONTROL
OF THE FIRING OF WEAPONS)
RT FIREBREAKS

FIRE POINT

RT FLAMMABILITY
FLASH POINT
SPONTANEOUS COMBUSTION

FIRE PREVENTION

SN (EXCLUDES FIRE CONTROL--CONTROL
OF THE FIRING OF WEAPONS)
PREVENTION
GS FIRE PREVENTION
RT ACCIDENT PREVENTION
EXPLOSION SUPPRESSION
FIREBREAKS
FIREPROOFING
FIRES
FLAME RETARDANTS
FOREST FIRES
HIGH PRESSURE OXYGEN
SAFETY
SAFETY DEVICES
SAFETY MANAGEMENT
SMOKE DETECTORS
SPONTANEOUS COMBUSTION
WARNING
WARNING SYSTEMS

FIRE RESISTANCE

USE FLAMMABILITY

FIRE RETARDANTS

USE FLAME RETARDANTS

∞ FIREBALLS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOLIDES
NUCLEAR EXPLOSIONS

FIREBEE 2 TARGET DRONE AIRCRAFT

GS DRONE VEHICLES
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT

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FIREBEE 2 TARGET DRONE AIRCRAFT-(CONT)

FIREBEE 2 TARGET DRONE
AIRCRAFT
LIGHT AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
PILOTLESS AIRCRAFT
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
RESEARCH AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
RYAN AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
SUPERSONIC AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
TARGETS
∞ WINGED VEHICLES

FIREBREAKS

RT CLEARINGS (OPENINGS)
COMBUSTION
CONSERVATION
FIRE EXTINGUISHERS
FIRE FIGHTING
FIRE PREVENTION
FIRES
FLAMES
FOREST FIRES
FORESTS

FIREFLIES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
FIREFLIES

FIREPROOFING

RT FIRE PREVENTION
NONFLAMMABLE MATERIALS
SAFETY

FIRES

GS FIRES
FOREST FIRES
RT ACCIDENTS
BACKFIRE
BURNS (INJURIES)
COMBUSTION
CONTROL SURFACES
DEFLAGRATION
EXPLOSIONS
EXPLOSIVES
FIBER RELEASE
FIRE DAMAGE
FIRE PREVENTION
FIREBREAKS
FIRING (IGNITING)
FLAMES
FLASHBACK
HAZARDS
SAFETY
SAINT ELMO FIRE
WARNING SYSTEMS

FIREWORKS

USE PYROTECHNICS

FIRING (IGNITING)

GS FIRING (IGNITING)
ROCKET FIRING
RETROFIRING
TEST FIRING
STATIC FIRING
RT BURNING TIME
DETONABLE GAS MIXTURES
DETONATION
DRYING
FIRE CONTROL
FIRES
FLAMMABLE GASES
GUNFIRE
IGNITION
STARTING

FIRING TIME

USE BURNING TIME

FIRMWARE

RT COMPUTER PROGRAMMING
HARDWARE
MICROPROCESSORS

FIRMWARE-(CONT)

MICROPROGRAMMING

FIRST AID

RT ACCIDENTS
 CHEMICAL DEFENSE
 CURES
 DISASTERS
 KITS
 MEDICAL EQUIPMENT
 MEDICAL SCIENCE
 MEDICAL SERVICES
 RESUSCITATION
 SPLINTS
 STRETCHERS
 TOURNIQUETS
 TRANSFUSION

FISCHER-TROPSCH PROCESS

RT CATALYSIS
 CATALYTIC ACTIVITY
 REACTION KINETICS
 SYNTHESIS (CHEMISTRY)
 SYNTHETIC FUELS

FISH

USE FISHES

FISHBOWL OPERATION

RT HIGH ALTITUDE TESTS
 NUCLEAR EXPLOSIONS
 ∞ OPERATIONS
 VELA SATELLITES

FISHERIES

RT AQUICULTURE
 ESTUARIES
 FISHES
 MARINE BIOLOGY
 MARINE RESOURCES
 SEA WATER
 SHALLOW WATER
 TIDAL FLATS
 WETLANDS

FISHES

UF FISH
 GS ANIMALS
 VERTEBRATES
 FISHES
 SCHOOLS (FISH)
 SHARKS
 RT AQUICULTURE
 EARTH RESOURCES
 FISHERIES
 ∞ FOOD
 ICHTHYOLOGY
 ∞ NUTRIENTS
 RED TIDE
 SQUAMA

FISHTAILING

USE YAW

FISSILE FUELS

GS FUELS
 FISSILE FUELS
 RT GASEOUS FISSION REACTORS
 NUCLEAR FUELS
 NUCLEAR REACTORS
 RADIOACTIVE MATERIALS

FISSILE MATERIALS

USE FISSIONABLE MATERIALS

FISSION

RT BLANKETS (FISSION REACTORS)
 FUEL PRODUCTION
 NUCLEAR FUELS
 SPLITTING

FISSION ELECTRIC CELLS

GS AUXILIARY POWER SOURCES
 NUCLEAR AUXILIARY POWER UNITS
 SNAP
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 SPACE POWER REACTORS
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4

FISSION ELECTRIC CELLS-(CONT)

SNAP 8
 SNAP 10A
 NUCLEAR ELECTRIC POWER
 GENERATION
 NUCLEAR AUXILIARY POWER UNITS
 SNAP
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 SPACE POWER REACTORS
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 NUCLEAR POWER REACTORS
 SPACE POWER REACTORS
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 NUCLEAR REACTORS
 NUCLEAR POWER REACTORS
 SPACE POWER REACTORS
 FISSON ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 RT ∞ ELECTRIC CELLS
 RADIOISOTOPE BATTERIES
 SPACE POWER UNIT REACTORS

FISSION PRODUCTS

RT FALLOUT
 HIGH ENERGY INTERACTIONS
 NUCLEAR FISSION
 NUCLEAR PARTICLES
 NUCLEAR PUMPING
 NUCLEAR RADIATION
 PRODUCTS
 RADIOACTIVE MATERIALS
 RADIOACTIVE WASTES
 RADIOACTIVITY

FISSION WEAPONS

UF ATOMIC BOMBS
 GS WEAPONS
 NUCLEAR WEAPONS
 FISSON WEAPONS
 RT FALLOUT
 NUCLEAR DEVICES
 THERMONUCLEAR EXPLOSIONS

FISSIONABLE MATERIALS

UF FISSILE MATERIALS
 RT GASEOUS FISSION REACTORS
 ∞ MATERIALS
 NOZZLE FLOW
 NUCLEAR FUELS
 PLUTONIUM
 RADIOACTIVE MATERIALS
 URANIUM

FISSION

GS FUELS
 NUCLEAR FUELS
 FISSUM

FISSURES (GEOLOGY)

RT FOLDS (GEOLOGY)
 GEOLOGICAL FAULTS
 STRUCTURAL PROPERTIES (GEOLOGY)
 TECTONICS

FITNESS

GS FITNESS
 FLIGHT FITNESS
 PHYSICAL FITNESS
 RT QUALIFICATIONS

FITTING

RT ADAPTATION
 ADJUSTING
 ALIGNMENT
 ASSEMBLING
 FITTINGS
 GOODNESS OF FIT
 ∞ JOINING
 MATCHING
 POSITIONING

FITTINGS

RT ACCESSORIES
 ADAPTERS
 CLOSURES
 CONNECTORS
 COUPLINGS
 EXTENSIONS
 FASTENERS
 FITTING
 INSERTS
 JOINTS (JUNCTIONS)
 LINKAGES
 SLEEVES
 U BENDS
 UNIONS (CONNECTORS)

FITZGERALD-LORENTZ CONTRACTION

USE LORENTZ CONTRACTION

FIX

USE FIXING

FIXED POINT ARITHMETIC

GS NUMBER THEORY
 ARITHMETIC
 FIXED POINT ARITHMETIC
 RT COMPUTER PROGRAMS
 COMPUTERS
 DATA PROCESSING

FIXED POINTS (MATHEMATICS)

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POINTS (MATHEMATICS)
 FIXED POINTS (MATHEMATICS)
 TOPOLOGY
 FIXED POINTS (MATHEMATICS)
 RT MANIFOLDS (MATHEMATICS)
 MAPPING

FIXED WINGS

UF FIXED-WING AIRCRAFT
 GS AIRFOILS
 WINGS
 FIXED WINGS
 RT CAMBERED WINGS
 CRUCIFORM WINGS
 FLEXIBLE WINGS
 LOW ASPECT RATIO WINGS
 RIGID WINGS
 SLENDER WINGS
 SWEEP WINGS
 THIN WINGS
 TWISTED WINGS
 UNCAMBERED WINGS
 UNSWEEP WINGS

FIXED-WING AIRCRAFT

USE AIRCRAFT CONFIGURATIONS
 FIXED WINGS

∞ FIXING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 UF FIX
 RT MAINTENANCE
 NAVIGATION
 POSITION (LOCATION)
 POSITIONING

FIXTURES

RT BRACKETS
 HARDWARE
 JIGS
 LUMINAIRES
 TOOLS

FIZEAU EFFECT

RT DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 ∞ EFFECTS

FLAGELLATA

GS ANIMALS
 INVERTEBRATES
 PROTOZOA
 FLAGELLATA
 TRYPANOSOME
 MICROORGANISMS
 PROTOZOA
 FLAGELLATA
 TRYPANOSOME

FLAKES

FLAKES

GS PARTICLES
FLAKES
 RT FLAKING
 METAL POWDER
 POWDER (PARTICLES)

FLAKING

RT ATOMIZING
 CHIPPING
 COMMUNITION
 CUTTING
 DISINTEGRATION
 FLAKES
 FRACTURING
 PEELING
 ∞ SEPARATION
 SPALLING
 SPLITTING
 WEAR

FLAME CALORIMETERS

GS MEASURING INSTRUMENTS
 CALORIMETERS
FLAME CALORIMETERS
 RT BOMB CALORIMETERS
 DROP CALORIMETERS
 HEAT MEASUREMENT
 HIGH TEMPERATURE TESTS
 TEMPERATURE MEASURING
 INSTRUMENTS

FLAME DEFLECTORS

GS DEFLECTORS
FLAME DEFLECTORS
 RT BACKFIRE
 BAFFLES
 BLAST DEFLECTORS
 DIVERTERS
 FLASHBACK
 LAUNCHING PADS
 SAFETY DEVICES
 SHIELDING
 TEST STANDS

FLAME FRONTS

USE FLAME PROPAGATION

FLAME HOLDERS

GS HOLDERS
FLAME HOLDERS
 RT COMBUSTION CHAMBERS
 FLAMEOUT
 FLAMES

FLAME INTERACTION

USE CHEMICAL REACTIONS
 FLAME PROPAGATION

FLAME IONIZATION

GS IONIZATION
 GAS IONIZATION
FLAME IONIZATION

FLAME PLATING

GS PLATING
FLAME PLATING
 RT COATING
 WELDING

FLAME PROBES

GS MEASURING INSTRUMENTS
FLAME PROBES
 RT GAS ANALYSIS
 MANOMETERS
 TEMPERATURE MEASURING
 INSTRUMENTS

FLAME PROPAGATION

UF CHAPMAN-JOUGET FLAME
 COMBUSTION WAVES
 FLAME FRONTS
 FLAME INTERACTION
 PROPAGATION (EXTENSION)
FLAME PROPAGATION
 RT BACKFIRE
 BOUNDARY LAYER COMBUSTION
 BURNING RATE
 COMBUSTIBLE FLOW
 COMBUSTION
 COMBUSTION PHYSICS
 DAMKOLHER NUMBER
 DETONATION
 DETONATION WAVES

FLAME PROPAGATION-(CONT)

EXPLOSIONS
 FLAMES
 FLAMMABILITY
 FLASHBACK
 GAS EXPLOSIONS
 GAS-METAL INTERACTIONS
 IGNITION
 PREMIXED FLAMES
 PRESSURE OSCILLATIONS
 PRESSURE PULSES
 ∞ PROPAGATION

FLAME QUENCHING

USE EXTINGUISHING
 QUENCHING (COOLING)

FLAME RETARDANTS

UF FIRE RETARDANTS
 GS RETARDANTS
FLAME RETARDANTS
 RT ANTIMISTING FUELS
 FABRICS
 FIRE PREVENTION
 FLAMMABILITY
 IGNITION LIMITS
 INORGANIC COMPOUNDS
 POLYBROMINATED BIPHENYLS
 SYNTHETIC FIBERS

FLAME SPECTROSCOPY

GS SPECTROSCOPY
 GAS SPECTROSCOPY
FLAME SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
FLAME SPECTROSCOPY
 SPECTRUM ANALYSIS
FLAME SPECTROSCOPY
 RT EMISSION SPECTRA
 LINE SPECTRA
 OPTOGALVANIC SPECTROSCOPY
 QUALITATIVE ANALYSIS

FLAME SPRAYING

GS SPRAYING
FLAME SPRAYING
 RT COATING
 COATINGS
 METAL SPRAYING
 METALLIZING
 PLASMA SPRAYING

FLAME STABILITY

GS DYNAMIC CHARACTERISTICS
 DYNAMIC STABILITY
 COMBUSTION STABILITY
FLAME STABILITY
 MOTION STABILITY
 FLOW STABILITY
FLAME STABILITY
 FLOW CHARACTERISTICS
 FLOW STABILITY
FLAME STABILITY
 STABILITY
 DYNAMIC STABILITY
 COMBUSTION STABILITY
FLAME STABILITY
 MOTION STABILITY
 FLOW STABILITY
FLAME STABILITY
 RT FLAMEOUT

FLAME TEMPERATURE

GS TEMPERATURE
FLAME TEMPERATURE
 RT COMBUSTION TEMPERATURE

FLAMEOUT

RT COMBUSTION
 COMBUSTION CHAMBERS
 EXTINGUISHING
 FLAME HOLDERS
 FLAME STABILITY
 GAS TURBINE ENGINES
 JET ENGINES

FLAMES

UF JET FLAMES
 LAMINAR FLAMES
 GS **FLAMES**
 DIFFUSION FLAMES
 PREMIXED FLAMES
 RT COMBUSTION
 FIRE DAMAGE
 FIREBREAKS

NASA THESAURUS (VOLUME 1)

FLAMES-(CONT)

FIRES
 FLAME HOLDERS
 FLAME PROPAGATION
 ∞ FLARES
 FOREST FIRES
 FUELS
 SMOG

FLAMMABILITY

UF COMBUSTIBILITY
 FIRE RESISTANCE
 RT BURNING RATE
 COMBUSTION
 DETONABLE GAS MIXTURES
 FIRE POINT
 FLAME PROPAGATION
 FLAME RETARDANTS
 FLAMMABLE GASES
 FLASH POINT
 IGNITION
 IGNITION LIMITS
 IGNITION TEMPERATURE
 PYROPHORIC MATERIALS
 ∞ RESISTANCE
 SPONTANEOUS COMBUSTION

FLAMMABLE GASES

UF EXPLOSIVE GASES
 GS GASES
FLAMMABLE GASES
 LIQUEFIED NATURAL GAS
 PYROGEN
 RT CHEMICAL EXPLOSIONS
 DETONABLE GAS MIXTURES
 EXPLOSIVES
 FIRING (IGNITING)
 FLAMMABILITY
 GAS EXPLOSIONS
 HAZARDS

FLANGE WRINKLING

GS WRINKLING
FLANGE WRINKLING
 RT BUCKLING

FLANGES

RT CONNECTORS
 METAL PLATES

FLAP CONTROL

USE AIRCRAFT CONTROL
 FLAPS (CONTROL SURFACES)

FLAPERONS

GS AIRFOILS
 AILERONS
FLAPERONS
 FLAPS (CONTROL SURFACES)
FLAPERONS
 CONTROL SURFACES
 AILERONS
FLAPERONS
 FLAPS (CONTROL SURFACES)
FLAPERONS
 RT AERODYNAMIC BRAKES

FLAPPING

RT FLUTTER
 RESONANT VIBRATION
 ROTOR AERODYNAMICS
 SHAKING
 UNDAMPED OSCILLATIONS
 VIBRATION
 WING OSCILLATIONS

FLAPPING HINGES

GS HINGES
FLAPPING HINGES
 RT ROTARY WINGS
 ROTOR AERODYNAMICS

FLAPS (CONTROL SURFACES)

UF FLAP CONTROL
 GS AIRFOILS
FLAPS (CONTROL SURFACES)
 EXTERNALLY BLOWN FLAPS
 UPPER SURFACE BLOWN FLAPS
 FLAPERONS
 JET FLAPS
 SPLIT FLAPS
 WING FLAPS
 LEADING EDGE SLATS
 TRAILING EDGE FLAPS

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FLEET BALLISTIC MISSILES

FLAPS (CONTROL SURFACES)-(CONT)

VORTEX FLAPS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
FLAPERONS
JET FLAPS
SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
RT AERODYNAMIC BRAKES
BRAKES (FOR ARRESTING MOTION)
∞ CONTROL
DELAYED FLAP APPROACH
DRAG DEVICES
GAW-2 AIRFOIL
LIFT DEVICES
SPOILERS
∞ SURFACES

FLARE STARS

UF UV CETI STARS
GS CELESTIAL BODIES
STARS
DWARF STARS
FLARE STARS
M STARS
FLARE STARS
RT CATAclySMIC VARIABLES
SOLAR FLARES
STELLAR ACTIVITY
STELLAR FLARES
SYMBIOTIC STARS
VARIABLE STARS

FLARED BODIES

RT AFTERBODIES
AIRCRAFT CONFIGURATIONS
∞ FLARES
SPACECRAFT CONFIGURATIONS
SYMMETRICAL BODIES

∞ FLARES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FLAMES
FLARED BODIES
ILLUMINATING
LIGHTING EQUIPMENT
LUMINAIRES
PYROTECHNICS
RUNWAY LIGHTS
SOLAR FLARES
SOLAR MAXIMUM MISSION
SOLAR TERRESTRIAL INTERACTIONS
STELLAR ACTIVITY
STELLAR FLARES

∞ FLASH

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF LIGHT DURATION
RT ELECTRIC DISCHARGES
EXPLOSIONS
FLASH WELDING
FLASHING (VAPORIZING)
LIGHT (VISIBLE RADIATION)
RADIOGRAPHY
SOLAR FLARES

FLASH BLINDNESS

GS BLINDNESS
FLASH BLINDNESS
RT EYE PROTECTION
LIGHT ADAPTATION
VISION

FLASH LAMPS

UF FLASH TUBES
GS LIGHTING EQUIPMENT
LUMINAIRES
FLASH LAMPS
ALKALI VAPOR LAMPS
RT LIGHT SOURCES
XENON LAMPS

FLASH POINT

GS TEMPERATURE
IGNITION TEMPERATURE
FLASH POINT

FLASH POINT-(CONT)

RT COMBUSTION TEMPERATURE
FIRE POINT
FLAMMABILITY
IGNITION
SPONTANEOUS COMBUSTION
VAPOR PRESSURE
VOLATILITY

FLASH TUBES

USE FLASH LAMPS

FLASH WELDING

GS WELDING
FLASH WELDING
RT ELECTRIC WELDING
∞ FLASH
FUSION WELDING
PRESSURE WELDING

FLASHBACK

RT BACKFIRE
COMBUSTION
DEFLAGRATION
EXPLOSIONS
FIRES
FLAME DEFLECTORS
FLAME PROPAGATION

FLASHING (VAPORIZING)

GS PHASE TRANSFORMATIONS
VAPORIZING
FLASHING (VAPORIZING)
RT DISTILLATION
EVAPORATION
∞ FLASH
PREVAPORIZATION
∞ SEPARATION

FLASHOVER

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
FLASHOVER
RT ELECTRIC ARCS
ELECTRIC SPARKS
ELECTRICAL FAULTS
FAILURE

FLASKS

RT BOTTLES
GLASSWARE

FLAT COAXIAL TRANSMISSION LINES

USE MICROSTRIP TRANSMISSION LINES

FLAT CONDUCTORS

GS CONDUCTORS
FLAT CONDUCTORS
RT BUS CONDUCTORS
CIRCUITS
CONNECTORS
ELECTRIC CONNECTORS
ELECTRIC CONTACTS
ELECTRIC WIRE
WIRE
WIRING

FLAT LAYERS

RT FLATNESS
∞ LAYERS
PLANAR STRUCTURES
STRATA
STRATIFICATION

FLAT PATTERNS

RT CASTINGS
MOLDS

FLAT PLATES

GS STRUCTURAL MEMBERS
FLAT PLATES
RT ANNULAR PLATES
BLASIUS EQUATION
BLASIUS FLOW
CIRCULAR PLATES
DYNAMIC STRUCTURAL ANALYSIS
END PLATES
FLATNESS
FLUID MECHANICS
HEAT TRANSFER
METAL PLATES
PANELS
PARALLEL PLATES
PLANAR STRUCTURES

FLAT PLATES-(CONT)

PLATE THEORY
∞ PLATES
PLATES (STRUCTURAL MEMBERS)
RECTANGULAR PLATES
∞ SHEETS
SLABS
THICK PLATES
THIN PLATES

FLAT SURFACES

UF FACETS
RT COSSERAT SURFACES
FLATNESS
PLANAR STRUCTURES
∞ SURFACE GEOMETRY
SURFACE PROPERTIES
∞ SURFACES

FLATNESS

GS SHAPES
FLATNESS
RT CONCAVITY
CONTOURS
CONVEXITY
FLAT LAYERS
FLAT PLATES
FLAT SURFACES
FLATTENING
INTERFEROMETERS
MECHANICAL PROPERTIES
PLANAR STRUCTURES
ROUGHNESS
∞ SURFACE GEOMETRY

FLATS (LANDFORMS)

UF ADOBE FLATS
SALT FLATS
GS LANDFORMS
FLATS (LANDFORMS)
TIDAL FLATS
RT EARTH RESOURCES
MARSHLANDS
MESAS
PLAINS
SALT BEDS

FLATTENING

RT DUCTILITY
ELLIPTICITY
FLATNESS
LEVELING
METAL WORKING
OBLATE SPHEROIDS
∞ ROLLING
SMOOTHING

FLATWORMS

GS ANIMALS
INVERTEBRATES
WORMS
FLATWORMS
RT INFESTATION

FLAVOR (PARTICLE PHYSICS)

RT HADRONS
PARTICLE INTERACTIONS
PARTICLE THEORY
QUANTUM THEORY
QUARKS
THEORETICAL PHYSICS

FLAW DETECTION

USE NONDESTRUCTIVE TESTS

FLAWS

USE DEFECTS

FLEET BALLISTIC MISSILES

UF FBM (MISSILES)
GS MISSILES
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
POSEIDON MISSILES
SUBROC MISSILE
RT BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
SEA LAUNCHING

FLEET SATELLITE COMMUNICATION SYSTEM

FLEET SATELLITE COMMUNICATION SYSTEM
 UF FLEETSATCOM
 FLTSATCOM
 GS TELECOMMUNICATION
 DEFENSE COMMUNICATIONS
 SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION SYSTEM
 RT COMMUNICATION SATELLITES
 MARISAT SATELLITES
 MICROWAVE TRANSMISSION
 MILITARY TECHNOLOGY
 NASCOM NETWORK
 NAVY
 RADIO COMMUNICATION
 SATELLITES
 ∞ SYSTEMS
 TELECOMMUNICATION
 ULTRAHIGH FREQUENCIES

FLEETSATCOM
 USE FLEET SATELLITE COMMUNICATION SYSTEM

FLEXIBILITY
 UF NONRIGIDITY
 GS MECHANICAL PROPERTIES
FLEXIBILITY
 RT BENDING
 ELASTIC PROPERTIES
 FLEXING
 NONUNIFORMITY
 PLASTIC PROPERTIES
 ∞ RIGIDITY
 SOFTNESS
 STIFFNESS
 VERSATILITY

FLEXIBLE BODIES
 GS **FLEXIBLE BODIES**
 FLEXIBLE SPACECRAFT
 RT ∞ BODIES
 HYBRID STRUCTURES
 INFLATABLE STRUCTURES

FLEXIBLE SPACECRAFT
 GS AEROSPACE VEHICLES
FLEXIBLE SPACECRAFT
 FLEXIBLE BODIES
FLEXIBLE SPACECRAFT
 RT ARTIFICIAL SATELLITES
 DISPLACEMENT
 ELASTIC DEFORMATION
 FLEXING
 LARGE SPACE STRUCTURES
 SATELLITE CONTROL
 SATELLITE ORIENTATION
 SATELLITE ROTATION
 SATELLITES
 SHAPE CONTROL
 ∞ SPACECRAFT
 SPACECRAFT CONTROL
 SPACECRAFT MOTION
 STRUCTURAL VIBRATION
 VIBRATION DAMPING

FLEXIBLE WINGS
 UF ROGALLO WINGS
 GS AIRFOILS
 WINGS
FLEXIBLE WINGS
 PARAWINGS
 RT FIXED WINGS
 GLIDERS
 HANG GLIDERS
 INFINITE SPAN WINGS
 INFLATABLE STRUCTURES
 RIGID WINGS
 THIN WINGS
 TWISTED WINGS
 XV-8A AIRCRAFT

FLEXING
 UF FLEXURE
 RT BENDING
 CAMBER
 ∞ CHAMBERS
 CURVATURE
 DEFLECTION
 DEFORMATION
 DISTORTION
 FLEXIBILITY
 FLEXIBLE SPACECRAFT
 FOLDING
 HEAVING

FLEXING-(CONT)
 LOADING MOMENTS

FLEXORS
 GS ANATOMY
 MUSCULOSKELETAL SYSTEM
FLEXORS
 RT JOINTS (ANATOMY)

FLEXOWRITERS (TRADEMARK)
 USE AUTOMATIC TYPEWRITERS

FLEXURE
 USE FLEXING

FLICKER
 RT CRITICAL FLICKER FUSION
 LIGHT TRANSMISSION

FLICKER FUSION FREQUENCY
 USE CRITICAL FLICKER FUSION

∞ **FLIGHT**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF FLYING
 HIGH ALTITUDE FLIGHT
 HIGH SPEED FLIGHT
 RT AERODYNAMICS
 ∞ AERONAUTICS
 BALLOON FLIGHT
 CLIMBING FLIGHT
 COASTING FLIGHT
 CRUISING FLIGHT
 FLIGHT ALTITUDE
 FLIGHT CONTROL
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FLIGHT SAFETY
 FLIGHT TESTS
 FLIGHT TIME
 FREE FLIGHT
 GLIDING
 HORIZONTAL FLIGHT
 HYPERSONIC FLIGHT
 LONG DURATION SPACE FLIGHT
 LUNAR FLIGHT
 METEOROLOGICAL FLIGHT
 PARABOLIC FLIGHT
 ROCKET FLIGHT
 SOARING
 SPACE FLIGHT
 STEERING
 SUBORBITAL FLIGHT
 SUPERSONIC FLIGHT
 TRAJECTORIES
 TRANSOCEANIC FLIGHT
 TRANSONIC FLIGHT
 TURNING FLIGHT
 VERTICAL FLIGHT
 VISUAL FLIGHT

FLIGHT ALTITUDE
 GS ALTITUDE
FLIGHT ALTITUDE
 RT AIR TRAFFIC CONTROL
 CEILING (AIRCRAFT CAPABILITY)
 MIDALTITUDE

FLIGHT CHARACTERISTICS
 UF FLIGHT PERFORMANCE
 FLYING QUALITIES
 RT AERODYNAMICS
 AIRCRAFT MANEUVERS
 AIRCRAFT PERFORMANCE
 AIRCRAFT SPECIFICATIONS
 AIRSPEED
 BUFFETING
 CEILING (AIRCRAFT CAPABILITY)
 ∞ CHARACTERISTICS
 CONTROLLABILITY
 FLUTTER
 HELICOPTER PERFORMANCE
 HIGHLY MANEUVERABLE AIRCRAFT
 LOW SPEED STABILITY
 MANEUVERABILITY
 ∞ PERFORMANCE
 QUALITY

FLIGHT CLOTHING
 GS CLOTHING
FLIGHT CLOTHING

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FLIGHT CLOTHING-(CONT)
 RT COVERALLS
 GARMENTS
 GOGGLES
 HELMETS
 PRESSURE SUITS
 PROTECTIVE CLOTHING

FLIGHT COMPUTERS
 USE AIRBORNE/SPACEBORNE COMPUTERS

FLIGHT CONDITIONS
 GS CONDITIONS
FLIGHT CONDITIONS
 RT CLOUD COVER
 INSTRUMENT FLIGHT RULES
 METEOROLOGICAL SERVICES
 STORMS (METEOROLOGY)
 VISUAL FLIGHT
 WEATHER FORECASTING

FLIGHT CONTROL
 GS **FLIGHT CONTROL**
 AUTOMATIC FLIGHT CONTROL
 AUTOMATIC LANDING CONTROL
 FLY BY TUBE CONTROL
 FLY BY WIRE CONTROL
 POINTING CONTROL SYSTEMS
 ANNULAR SUSPENSION AND
 POINTING SYSTEM
 THRUST VECTOR CONTROL
 RT ACROBATICS
 AIR TRAFFIC CONTROL
 AIRCRAFT CONTROL
 AIRCRAFT INSTRUMENTS
 AIRCRAFT SURVIVABILITY
 ATTITUDE CONTROL
 ATTITUDE INDICATORS
 AUTOMATED EN ROUTE ATC
 AUTOMATIC CONTROL
 AUTOMATIC PILOTS
 ∞ CONTROL
 CONTROL CONFIGURED VEHICLES
 CONTROL STABILITY
 CONTROL STICKS
 CONTROL SURFACES
 DISPLAY DEVICES
 ENTRY GUIDANCE (STS)
 FLIGHT CHARACTERISTICS
 FLIGHT MANAGEMENT SYSTEMS
 GROUND BASED CONTROL
 GROUND SUPPORT EQUIPMENT
 GUIDANCE (MOTION)
 HELICOPTER CONTROL
 IN-FLIGHT MONITORING
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 MANEUVERABILITY
 MANEUVERS
 MISSILE CONTROL
 NAVIGATION
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 RADIO NAVIGATION
 REMOTE CONTROL
 ROCKET ENGINE CONTROL
 SOLAR COMPASSES
 SPACECRAFT CONTROL
 STABILITY AUGMENTATION
 TURBOJET ENGINE CONTROL

FLIGHT CREWS
 UF AIRCREWS
 GS PERSONNEL
 CREWS
FLIGHT CREWS
 SPACECREWS
 FLYING PERSONNEL
FLIGHT CREWS
 SPACECREWS
 RT AIRCRAFT PILOTS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 CREW SIZE
 NAVIGATORS
 PILOTS (PERSONNEL)

FLIGHT FATIGUE
 GS FATIGUE (BIOLOGY)
FLIGHT FATIGUE

FLIGHT FITNESS
 GS FITNESS
FLIGHT FITNESS
 RT ∞ FLIGHT STRESS

FLIGHT FITNESS-(CONT)

FLYING PERSONNEL
PHYSICAL EXAMINATIONS
PHYSICAL FITNESS

FLIGHT HAZARDS

GS HAZARDS
 FLIGHT HAZARDS
 METEOROID HAZARDS
RT AIR PIRACY
 AIR TRAFFIC
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 BIRD-AIRCRAFT COLLISIONS
 BIRDS
 COLLISIONS
 CRASH LANDING
 CRASHES
 DESTRUCTION
 MIDAIR COLLISIONS
 NOISE (SOUND)
 OPERATIONAL HAZARDS
 TOXIC HAZARDS
 WEATHER

FLIGHT INSTRUMENTS

GS **FLIGHT INSTRUMENTS**
 APPROACH INDICATORS
 ATTITUDE INDICATORS
 GYRO HORIZONS
 AUTOMATIC PILOTS
 FLIGHT TEST INSTRUMENTS
 HORIZON SCANNERS
 RADIO ALTIMETERS
RT AIR NAVIGATION
 AIRBORNE EQUIPMENT
 AIRCRAFT CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 BUBBLE TECHNIQUE
 COMPASSES
 DISPLAY DEVICES
 ENGINE CONTROL
 ENGINE MONITORING INSTRUMENTS
 HEAD-UP DISPLAYS
 INSTRUMENT APPROACH
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
∞ INSTRUMENTS
 LANDING INSTRUMENTS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 MEASURING INSTRUMENTS
 NAVIGATION INSTRUMENTS
 NIGHT FLIGHTS (AIRCRAFT)
 ONBOARD EQUIPMENT
 POSITION INDICATORS
 RADAR
 RADIO DIRECTION FINDERS
 RATE OF CLIMB INDICATORS
 RECORDING INSTRUMENTS
 SATELLITE INSTRUMENTS
 SOLAR COMPASSES
 SPACECRAFT INSTRUMENTS
 SPACECRAFT POSITION INDICATORS
 SPEED INDICATORS
 STAR TRACKERS
 TERCOM

FLIGHT LOAD RECORDERS

GS MEASURING INSTRUMENTS
 FLIGHT LOAD RECORDERS
 RECORDING INSTRUMENTS
 FLIGHT LOAD RECORDERS
RT STRAIN GAGES

FLIGHT MANAGEMENT SYSTEMS

GS MANAGEMENT SYSTEMS
 FLIGHT MANAGEMENT SYSTEMS
RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRBORNE/SPACEBORNE COMPUTERS
 AUTOMATIC FLIGHT CONTROL
 AUTOMATIC LANDING CONTROL
 AVIONICS
 COMPUTER TECHNIQUES
 FLIGHT CONTROL
 GROUND BASED CONTROL
 NAVIGATION AIDS
 ONBOARD DATA PROCESSING
 SYSTEMS ENGINEERING

FLIGHT MECHANICS

RT AERODYNAMICS
 ASCENT TRAJECTORIES
 DESCENT TRAJECTORIES
∞ MECHANICS (PHYSICS)
 MISSILE TRAJECTORIES
 ORBIT CALCULATION
 ORBIT DECAY
 ORBITAL MECHANICS
∞ PLATFORMS
 REENTRY TRAJECTORIES
 RENDEZVOUS
 RENDEZVOUS TRAJECTORIES
 SPACE FLIGHT
 SPACE MECHANICS
 SPACECRAFT REENTRY
 SPACECRAFT TRAJECTORIES
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY MEASUREMENT
 TRAJECTORY OPTIMIZATION

FLIGHT NURSES

GS PERSONNEL
 MEDICAL PERSONNEL
 FLIGHT NURSES
RT CREWS

FLIGHT OPERATIONS

GS **FLIGHT OPERATIONS**
 CREW PROCEDURES (INFLIGHT)
RT AIRCRAFT MAINTENANCE
 CREW PROCEDURES (PREFLIGHT)
 GROUND HANDLING
 ONBOARD EQUIPMENT
 REFUELING

FLIGHT OPTIMIZATION

GS OPTIMIZATION
 FLIGHT OPTIMIZATION
RT BURNING TIME
 EARTH-VENUS TRAJECTORIES
 GREAT CIRCLES
 ORBITAL MECHANICS
 ORBITS
 PARKING ORBITS
 SPACE FLIGHT
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY OPTIMIZATION

FLIGHT PATHS

GS **FLIGHT PATHS**
 GLIDE PATHS
RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT INSTRUMENTS
 AIRCRAFT MANEUVERS
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 AREA NAVIGATION
 CAUSTIC LINES
 CLIMBING FLIGHT
 COLLISION AVOIDANCE
 COLLISIONS
 DELAYED FLAP APPROACH
 DESCENT
∞ DRIFT
 GLIDING
 GLOBAL POSITIONING SYSTEM
 GREAT CIRCLES
 GROUND TRACKS
 GUIDANCE (MOTION)
 HORIZONTAL FLIGHT
 MISSILE TRAJECTORIES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NAVIGATION
 NAVIGATION AIDS
 ORBITS
∞ PATHS
 REENTRY
 ROCKET FLIGHT
 SATELLITE GROUND TRACKS
 SOLAR COMPASSES
 SWATH WIDTH
 TACAN
 TRAJECTORIES
 TURNING FLIGHT
 UNCONTROLLED REENTRY
 (SPACRAFT)
 VERTICAL FLIGHT
 VISUAL FLIGHT

FLIGHT PERFORMANCE

USE FLIGHT CHARACTERISTICS

FLIGHT PLANS

RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 APPROACH
 INSTRUMENT FLIGHT RULES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
∞ PLANS
 ROUTES
 THRUST PROGRAMMING
 WEATHER

FLIGHT RECORDERS

GS AIRCRAFT INSTRUMENTS
 FLIGHT RECORDERS
 MEASURING INSTRUMENTS
 FLIGHT RECORDERS
 RECORDING INSTRUMENTS
 FLIGHT RECORDERS

FLIGHT RULES

GS RULES
 FLIGHT RULES
 INSTRUMENT FLIGHT RULES
 VISUAL FLIGHT RULES
RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 COLLISION AVOIDANCE
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 NOISE REDUCTION

FLIGHT SAFETY

GS SAFETY
 FLIGHT SAFETY
RT AEROSPACE SAFETY
 AIR PIRACY
 AIR TRAFFIC CONTROL
 AIRCRAFT ACCIDENTS
 AIRCRAFT APPROACH SPACING
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 ALL-WEATHER LANDING SYSTEMS
 COLLISION AVOIDANCE
 CRASHES
 CRASHWORTHINESS
 DESTRUCTION
∞ FLIGHT
∞ FLIGHT STRESS
 FLYING EJECTION SEATS
 MIDAIR COLLISIONS
 ONBOARD EQUIPMENT
 SAFETY DEVICES
 SELF SEALING
 VISUAL FLIGHT

FLIGHT SIMULATION

GS SIMULATION
 FLIGHT SIMULATION
RT ACOUSTIC SIMULATION
 ALTITUDE SIMULATION
 ANALOG SIMULATION
 COMPUTERIZED SIMULATION
 CONTROL SIMULATION
 ENVIRONMENT SIMULATION
 LANDING SIMULATION
 MOTION SIMULATION
 SPACE ENVIRONMENT SIMULATION
 SPACE FLIGHT
 SYSTEMS SIMULATION
 TRAINING SIMULATORS
 WEIGHTLESSNESS SIMULATION

FLIGHT SIMULATORS

GS SIMULATORS
 TRAINING SIMULATORS
 FLIGHT SIMULATORS
 COCKPIT SIMULATORS
RT ATMOSPHERIC ENTRY SIMULATION
 CENTRIFUGES
 CONTROL SIMULATION
 CRYOGENIC WIND TUNNELS
 LANGLEY COMPLEX COORDINATOR
 LUNAR ORBIT AND LANDING
 SIMULATORS
∞ MISSILE SIMULATORS
 MOTION SIMULATION
 MOTION SIMULATORS
 PILOT TRAINING

FLIGHT STABILITY TESTS

FLIGHT SIMULATORS-(CONT)

SPACE ENVIRONMENT SIMULATION
SPACE SIMULATORS
TEST FACILITIES
TRAINING DEVICES
WIND TUNNELS

FLIGHT STABILITY TESTS

GS FLIGHT TESTS
FLIGHT STABILITY TESTS
STABILITY TESTS
FLIGHT STABILITY TESTS
RT AERODYNAMIC STABILITY
∞ TESTS

∞ FLIGHT STRESS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FLIGHT FATIGUE
FLIGHT FITNESS
FLIGHT SAFETY
HUMAN FACTORS ENGINEERING
SPACE FLIGHT STRESS
STRESS ANALYSIS
STRESSES

FLIGHT STRESS (BIOLOGY)

SN *(EXCLUDES MECHANICAL STRESS AND AND STRAIN)*
GS FLIGHT STRESS (BIOLOGY)
SPACE FLIGHT STRESS
RT ACCELERATION (PHYSICS)
BIOLOGICAL EFFECTS
∞ BIOLOGY
JET LAG
PHYSIOLOGICAL FACTORS
PSYCHOLOGICAL FACTORS
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WEIGHTLESSNESS

FLIGHT SURGEONS

GS PERSONNEL
MEDICAL PERSONNEL
SURGEONS
FLIGHT SURGEONS

FLIGHT TECHNICAL ERROR

USE PILOT ERROR

FLIGHT TEST INSTRUMENTS

GS FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
RT AIRCRAFT INSTRUMENTS
ROCKET-BORNE INSTRUMENTS
SPACECRAFT INSTRUMENTS

FLIGHT TEST VEHICLES

GS TEST VEHICLES
FLIGHT TEST VEHICLES
RT ∞ AIRCRAFT
LAUNCH VEHICLES
MISSILES
RESEARCH AIRCRAFT
∞ SPACECRAFT
∞ VEHICLES

FLIGHT TESTS

GS FLIGHT TESTS
FLIGHT STABILITY TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 1
FLIGHT
SPACE TRANSPORTATION SYSTEM 2
FLIGHT
SPACE TRANSPORTATION SYSTEM 3
FLIGHT
SPACE TRANSPORTATION SYSTEM 4
FLIGHT
RT AIR START
AIRCRAFT DESIGN
ALTITUDE TESTS
CERTIFICATION
DAST PROGRAM
DOWNRANGE
DYNAMIC TESTS
ENGINE TESTS
FREE FLIGHT TEST APPARATUS
FULL SCALE TESTS
GROUND TESTS
HIGH ALTITUDE TESTS
HIGHLY MANEUVERABLE AIRCRAFT
IN-FLIGHT MONITORING

FLIGHT TESTS-(CONT)

MISSILE DESIGN
MISSILE TESTS
POSTMISSION ANALYSIS (SPACECRAFT)
SPACE ELECTRIC ROCKET TESTS
STABILITY TESTS
∞ TESTS
VIBRATION TESTS
WING FLOW METHOD TESTS

FLIGHT TIME

GS TIME
RT FLIGHT TIME
AIR TRAFFIC CONTROL
BURNING TIME
TESTING TIME
TRAJECTORIES
TRANSIT TIME
TURNAROUND (STS)
WINDOW (INTERVALS)

FLIGHT TRAINING

GS EDUCATION
FLIGHT TRAINING
SPACE FLIGHT TRAINING
RT ASTRONAUT TRAINING
EJECTION TRAINING
FLYING PERSONNEL
PILOT TRAINING
TRAINING SIMULATORS

∞ FLIGHT VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRCRAFT CONFIGURATIONS
GROUND EFFECT MACHINES
HYPERSONIC VEHICLES
LUNAR FLYING VEHICLES
MISSILES
REENTRY VEHICLES
RESEARCH VEHICLES
ROCKET VEHICLES
∞ VEHICLES

FLINT

GS CHALCOGENIDES
OXIDES
DIOXIDES
FLINT
SILICON COMPOUNDS
FLINT
RT QUARTZ

FLIP-FLOPS

UF BISTABLE AMPLIFIERS
GS CIRCUITS
FLUIDIC CIRCUITS
FLIP-FLOPS
MULTIVIBRATORS
FLIP-FLOPS
RT BISTABLE CIRCUITS
DATA STORAGE
FLUID SWITCHING ELEMENTS
OSCILLATORS

FLIR DETECTORS

UF FORWARD LOOKING INFRARED
DETECTORS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
RT ∞ DETECTORS
INFRARED RADAR
∞ SENSORS

FLOAT ZONES

RT CRYSTAL GROWTH
MELTS (CRYSTAL GROWTH)
SILICON
SOLAR CELLS
SPACE PROCESSING
ZONE MELTING

FLOATING

RT BALLAST (MASS)
BUOYANCY
FLOATS

FLOATING POINT ARITHMETIC

GS NUMBER THEORY
ARITHMETIC

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FLOATING POINT ARITHMETIC-(CONT)

FLOATING POINT ARITHMETIC
RT COMPUTER PROGRAMS
COMPUTERS
DATA PROCESSING

FLOATS

UF FLOTATION SYSTEMS
RT BALLAST (MASS)
BUOYS
EMERGENCY LIFE SUSTAINING
SYSTEMS
FLOATING
INFLATABLE STRUCTURES
LANDING GEAR
LIFE RAFTS
RAFTS
SEPARATORS

FLOCCULATING

RT AGGLOMERATION
COAGULATION
COALESCING
COLLOIDING
CONCENTRATING
FLOTATION
PRECIPITATION (CHEMISTRY)
SETTLING
WATER TREATMENT

FLOOD CONTROL

RT CANALS
∞ CONTROL
DAMS
DRAINAGE
HYDROLOGY
RAINSTORMS
STORM DAMAGE
STORMS (METEOROLOGY)
WATERSHEDS

FLOOD DAMAGE

GS DAMAGE
RT FLOOD DAMAGE
DRAINAGE PATTERNS
HYDROLOGY
LANDSLIDES
PRECIPITATION (METEOROLOGY)
SEEPAGE
STORMS
STORMS (METEOROLOGY)
TIDES
WATER EROSION
WATER FLOW

FLOOD PLAINS

GS LAND
PLAINS
FLOOD PLAINS
RT FLOODS
HYDROGEOLOGY
HYDROLOGY

FLOOD PREDICTIONS

GS PREDICTIONS
FLOOD PREDICTIONS
RT FLOODS
HYDROGEOLOGY
HYDROLOGY
PRECIPITATION (METEOROLOGY)
RAIN
RAINSTORMS
∞ SHOWERS
STORMS (METEOROLOGY)
WEATHER FORECASTING

FLOODS

RT ALLUVIUM
DROUGHT
FLOOD PLAINS
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
MISSISSIPPI RIVER (US)
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
TIDES
WATER FLOW
WATER MANAGEMENT
WATERSHEDS

FLOORS

UF DECKS (FLOORS)

- FLOORS-(CONT)**
 RT BASEMENTS
 ∞ BUILDINGS
 CEILINGS (ARCHITECTURE)
 DOORS
 ∞ PLATFORMS
 SUBSTRUCTURES
 TILES
 WALLS
- FLOQUET THEOREM**
 GS THEOREMS
 RT FLOQUET THEOREM
 DIFFERENTIAL EQUATIONS
 LINEAR EQUATIONS
 PERIODIC FUNCTIONS
- FLORA**
 USE PLANTS (BOTANY)
- FLORIDA**
 GS NATIONS
 UNITED STATES
 FLORIDA
 RT EVERGLADES (FL)
 GULF OF MEXICO
 MERRITT ISLAND (FL)
- FLOTATION**
 RT ACTIVATION
 BENEFICIATION
 CLASSIFIERS
 COAGULATION
 CONCENTRATING
 FLOCCULATING
 FLUID ROTOR GYROSCOPES
 FOAMING
 LEVITATION
 ∞ SEPARATION
 SETTLING
 SIZE SEPARATION
 SUSPENSION SYSTEMS (VEHICLES)
 WATER TREATMENT
- FLOTATION SYSTEMS**
 USE FLOATS
- ∞ **FLOUR**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT FINES
 FLOUR (FOOD)
- FLOUR (FOOD)**
 RT ∞ FLOUR
 ∞ FOOD
 MILLET
 POWDER (PARTICLES)
- ∞ **FLOW**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AERODYNAMICS
 ANNULAR FLOW
 BRILLOUIN FLOW
 CORNER FLOW
 CREEP PROPERTIES
 CROSS FLOW
 EXHAUST NOZZLES
 FLOW EQUATIONS
 FLOW THEORY
 FLOW VELOCITY
 FLUID FLOW
 GRAZING FLOW
 HEAT TRANSMISSION
 INFORMATION FLOW
 INTERACTIONAL AERODYNAMICS
 INVISCID FLOW
 LOW DENSITY FLOW
 MASS FLOW
 ORIFICE FLOW
 OUTLET FLOW
 PANEL METHOD (FLUID DYNAMICS)
 PLASTIC FLOW
 SHEAR FLOW
 SOLIDS FLOW
 STEADY FLOW
 TRANSONIC FLOW
 UNSTEADY FLOW
 VISCOUS FLOW
- FLOW CHAMBERS**
 RT ∞ CHAMBERS
- FLOW CHARACTERISTICS**
 GS DYNAMIC CHARACTERISTICS
FLOW CHARACTERISTICS
 FLOW DISTRIBUTION
 FLOW STABILITY
 BOUNDARY LAYER STABILITY
 FLAME STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 FLOW VELOCITY
 RT BAROTROPIC FLOW
 ∞ CHARACTERISTICS
 CRITICAL FLOW
 CROSS FLOW
 EDDY VISCOSITY
 INVISCID FLOW
 LAMINAR FLOW
 NONUNIFORM FLOW
 OUTLET FLOW
 REATTACHED FLOW
 SEPARATED FLOW
 STEADY FLOW
 STROUHAL NUMBER
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENCE
 TURBULENT FLOW
 VISCOSITY
 VISCOUS FLOW
- FLOW CHARTS**
 GS CHARTS
 RT **FLOW CHARTS**
 BLOCK DIAGRAMS
 COMPUTER PROGRAMMING
 DATA FLOW ANALYSIS
 ∞ FLOW GRAPHS
 MATHEMATICAL MODELS
- FLOW COEFFICIENTS**
 GS COEFFICIENTS
FLOW COEFFICIENTS
 DISCHARGE COEFFICIENT
 RT AERODYNAMIC COEFFICIENTS
 ATTENUATION COEFFICIENTS
 MASS FLOW FACTORS
 NOZZLE THRUST COEFFICIENTS
 REFLECTANCE
 TRANSPORT PROPERTIES
- FLOW DEFLECTION**
 RT DEFLECTORS
- FLOW DIRECTION INDICATORS**
 GS DISPLAY DEVICES
FLOW DIRECTION INDICATORS
 WIND VANES
 MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
FLOW DIRECTION INDICATORS
 WIND VANES
- FLOW DISTORTION**
 GS DISTORTION
FLOW DISTORTION
 RT AERODYNAMIC COEFFICIENTS
 FLUID FLOW
 MULTIPHASE FLOW
 ORR-SOMMERFELD EQUATIONS
 OSCILLATING FLOW
 SMALL PERTURBATION FLOW
 VORTICES
 WING TIP VORTICES
- FLOW DISTRIBUTION**
 UF FLOW FIELDS
 FLOW PATTERNS
 GS DISTRIBUTION (PROPERTY)
FLOW DISTRIBUTION
 DYNAMIC CHARACTERISTICS
 FLOW CHARACTERISTICS
FLOW DISTRIBUTION
 RT BOUNDARY LAYER FLOW
 BOUNDARY LAYER SEPARATION
 CAVITATION FLOW
 CHAPMAN-ENSKOG THEORY
 EXHAUST FLOW SIMULATION
 FIELD THEORY (PHYSICS)
 ∞ FLOW GRAPHS
 HYDRODYNAMIC COEFFICIENTS
 ISOTHERMAL FLOW
- FLOW DISTRIBUTION-(CONT)**
 METHOD OF CHARACTERISTICS
 NUMERICAL FLOW VISUALIZATION
 REATTACHED FLOW
 RHEOELECTRICAL SIMULATION
 SEPARATED FLOW
 STROUHAL NUMBER
 THREE DIMENSIONAL BODIES
 TRAPPED VORTEXES
 VELOCITY DISTRIBUTION
 VORTEX SHEETS
 WATER TUNNEL TESTS
 WIND TUNNEL TESTS
- FLOW EQUATIONS**
 GS **FLOW EQUATIONS**
 HELMHOLTZ VORTICITY EQUATION
 VON KARMAN EQUATION
 VORTICITY EQUATIONS
 RT BOUNDARY LAYER EQUATIONS
 CHAPLYGIN EQUATION
 ∞ EQUATIONS
 FLUID FLOW
 PARTICLE IN CELL TECHNIQUE
 PERCUS METHOD
- FLOW FIELDS**
 USE FLOW DISTRIBUTION
- FLOW GEOMETRY**
 GS GEOMETRY
 RT **FLOW GEOMETRY**
 ANNULAR FLOW
 AXIAL FLOW
 AXISYMMETRIC FLOW
 BACKWARD FACING STEPS
 BYPASS RATIO
 CHANNEL FLOW
 COAXIAL FLOW
 CORE FLOW
 CROSS FLOW
 DUCTED FLOW
 HELICAL FLOW
 INLET AIRFRAME CONFIGURATIONS
 INLET FLOW
 LAMINAR FLOW
 MERIDIONAL FLOW
 NOZZLE FLOW
 ONE DIMENSIONAL FLOW
 PARALLEL FLOW
 RADIAL FLOW
 STEADY FLOW
 STRATIFIED FLOW
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW
 WEDGE FLOW
- ∞ **FLOW GRAPHS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT EQUIPOTENTIALS
 FLOW CHARTS
 FLOW DISTRIBUTION
 SIGNAL FLOW GRAPHS
- FLOW MEASUREMENT**
 GS MECHANICAL MEASUREMENT
FLOW MEASUREMENT
 RT ANEMOMETERS
 ANNULI
 DRAG FORCE ANEMOMETERS
 DRAG MEASUREMENT
 FLOWMETERS
 FLUID FLOW
 GAS METERS
 HOT-FILM ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 LASER DOPPLER VELOCIMETERS
 ∞ MEASUREMENT
 MULTIPHASE FLOW
 ∞ NOZZLES
 ORIFICES
 PITOT TUBES
 PNEUMATIC PROBES
 PRESSURE MEASUREMENT
 RHEOLOGY
 SOLIDS FLOW
 VELOCITY MEASUREMENT
 VENTURI TUBES
 WATER FLOW
 WIND VELOCITY
- FLOW NETS**
 RT EQUIPOTENTIALS

FLUID DYNAMICS-(CONT)

ROTOR AERODYNAMICS
 SUPERSONICS
 INTERACTIONAL AERODYNAMICS
 RAREFIED GAS DYNAMICS
 HYDRODYNAMICS
 ELASTOHYDRODYNAMICS
 ELECTROHYDRODYNAMICS
 MAGNETOHYDRODYNAMICS
 CYLINDRICAL PLASMAS
 ROTONS
 VORTEX SHEDDING
 RT CONTINUITY EQUATION
 CONVECTION
 CROSS FLOW
 ∞ DYNAMICS
 EYRING THEORY
 FLUID MANAGEMENT
 GAS-SOLID INTERACTIONS
 GEOPHYSICAL FLUIDS
 GLIMM METHOD
 ∞ HYDRAULICS
 HYDROMECHANICS
 KINETICS
 LOW DENSITY FLOW
 MAGNUS EFFECT
 ∞ MECHANICS (PHYSICS)
 OCEAN DYNAMICS
 PANEL METHOD (FLUID DYNAMICS)
 PARALLEL FLOW
 PISTON THEORY
 PRIMITIVE EQUATIONS
 QUASI-STEADY STATES
 ∞ SCIENCE
 SLAMMING
 STAGNATION POINT
 STEADY STATE
 STREAMLINING
 THERMOHYDRAULICS
 TURBULENCE
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 UNSTEADY STATE
 VORTEX FILAMENTS

FLUID FILLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
 FLUID FILLED SHELLS
 LIQUID FILLED SHELLS
 RT HYDRODYNAMIC RAM EFFECT
 PROPELLANT TANKS
 REINFORCED SHELLS
 SHELL STABILITY
 ∞ STORAGE
 TANKS (CONTAINERS)
 ∞ VESSELS

FLUID FILMS

GS FLUID FILMS
 SQUEEZE FILMS
 RT ∞ FILMS
 GAS BEARINGS
 LIQUID-SOLID INTERFACES

FLUID FILTERS

UF MASS FILTERS
 PARTICULATE FILTERS
 GS SEPARATORS
 FLUID FILTERS
 AIR FILTERS
 RT CENTRIFUGES
 CONCENTRATORS
 ∞ FILTERS
 FILTRATION
 FLUIDIZED BED PROCESSORS
 SIEVES
 SIZING SCREENS

FLUID FLOW

UF INDUCED FLUID FLOW
 ROTATIONAL FLOW
 GS FLUID FLOW
 ADIABATIC FLOW
 AXIAL FLOW
 AXISYMMETRIC FLOW
 ANNULAR FLOW
 KARMAN-BODEWADT FLOW
 BAROTROPIC FLOW
 BASE FLOW
 BELTRAMI FLOW
 BLOOD FLOW
 CAPILLARY FLOW
 CASCADE FLOW
 CHANNEL FLOW

FLUID FLOW-(CONT)

OPEN CHANNEL FLOW
 COAXIAL FLOW
 COMBUSTIBLE FLOW
 COMPRESSIBLE FLOW
 TRANSONIC FLOW
 CONICAL FLOW
 CONVECTIVE FLOW
 RAYLEIGH-BENARD CONVECTION
 BENARD CELLS
 CORE FLOW
 CORNER FLOW
 COUNTERFLOW
 CRITICAL FLOW
 CROSS FLOW
 DUCTED FLOW
 KNUDSEN FLOW
 FREE FLOW
 FUEL FLOW
 PROPELLANT TRANSFER
 GAS FLOW
 AIR FLOW
 AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 CONTINUUM FLOW
 EQUILIBRIUM FLOW
 FROZEN EQUILIBRIUM FLOW
 SHIFTING EQUILIBRIUM FLOW
 FREE MOLECULAR FLOW
 KNUDSEN FLOW
 MOLECULAR FLOW
 SLIP FLOW
 TRANSITION FLOW
 NONEQUILIBRIUM FLOW
 PIPE FLOW
 HEAD (FLUID MECHANICS)
 HEAD FLOW
 PRESSURE HEADS
 HELICAL FLOW
 HYPERSONIC FLOW
 HYPERVELOCITY FLOW
 INCOMPRESSIBLE FLOW
 STOKES FLOW
 INLET FLOW
 INVISCID FLOW
 STAGNATION FLOW
 ISOTHERMAL FLOW
 JET FLOW
 AIR JETS
 PERIPHERAL JET FLOW
 SUPERSONIC JET FLOW
 JET MIXING FLOW
 LAMINAR FLOW
 BLASIUS FLOW
 HARTMANN FLOW
 STRATIFIED FLOW
 LIQUID FLOW
 OPEN CHANNEL FLOW
 WATER FLOW
 MAGNETOHYDRODYNAMIC FLOW
 MASS FLOW
 MULTIPHASE FLOW
 TWO PHASE FLOW
 NONNEWTONIAN FLOW
 NONUNIFORM FLOW
 NOZZLE FLOW
 ONE DIMENSIONAL FLOW
 ORIFICE FLOW
 OUTLET FLOW
 PARALLEL FLOW
 PIPE FLOW
 THREE DIMENSIONAL FLOW
 PLASTIC FLOW
 TRESCA FLOW
 POTENTIAL FLOW
 EQUIPOTENTIALS
 RADIAL FLOW
 RECIRCULATIVE FLUID FLOW
 REVERSED FLOW
 SHEAR FLOW
 SINGLE-PHASE FLOW
 SMALL PERTURBATION FLOW
 SOLIDS FLOW
 STEADY FLOW
 COUETTE FLOW
 HARTMANN FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUBSONIC FLOW
 SUPERCRITICAL FLOW
 SUPERSONIC FLOW
 TURBULENT FLOW
 CAVITATION FLOW
 SUPERCavitating FLOW

FLUID FLOW-(CONT)

TWO DIMENSIONAL FLOW
 COUETTE FLOW
 UNIFORM FLOW
 BLASIUS FLOW
 UNSTEADY FLOW
 OSCILLATING FLOW
 VISCOUS FLOW
 BOUNDARY LAYER FLOW
 REATTACHED FLOW
 SECONDARY FLOW
 SEPARATED FLOW
 BOUNDARY LAYER SEPARATION
 COUETTE FLOW
 KARMAN-BODEWADT FLOW
 STOKES FLOW
 WALL FLOW
 WEDGE FLOW
 RT ACOUSTIC STREAMING
 ANNULAR DUCTS
 BERNOULLI THEOREM
 BOUNDARY LAYERS
 CANALS
 CARTAN SPACE
 CHEMICAL ENGINEERING
 COAXIAL NOZZLES
 ∞ CONDUCTIVITY
 CONVECTION CURRENTS
 ∞ CURRENTS
 DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 DRAG REDUCTION
 DUCT GEOMETRY
 EXPULSION
 ∞ FLOW
 FLOW DISTORTION
 FLOW EQUATIONS
 FLOW MEASUREMENT
 FLOW STABILITY
 FLOW THEORY
 FLOW VISUALIZATION
 FLOWMETERS
 FLUIDICS
 ∞ FLUIDS
 FRICTION
 FROUDE NUMBER
 GEOPHYSICAL FLUID FLOW CELLS
 HEAD (FLUID MECHANICS)
 HEAT TRANSMISSION
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROMECHANICS
 INJECTION
 LABYRINTH SEALS
 LEAKAGE
 LEWIS NUMBERS
 MAGNUS EFFECT
 MANNING THEORY
 MATERIALS HANDLING
 MECHANICAL ENGINEERING
 OCEAN CURRENTS
 OCEAN SURFACE
 PIPES (TUBES)
 PLANETARY WAVES
 PRESSURE GRADIENTS
 PRESSURE HEADS
 RAYLEIGH WAVES
 REYNOLDS NUMBER
 SKIN FRICTION
 STREAMS
 SUPERSONIC BOUNDARY LAYERS
 SURGES
 SYRINGES
 THERMOHYDRAULICS
 ULTRASONIC CLEANING
 VORTICES
 WING FLOW METHOD TESTS

FLUID INJECTION

GS INJECTION
 FLUID INJECTION
 GAS INJECTION
 LIQUID INJECTION
 DEEP WELL INJECTION (WASTES)
 WATER INJECTION
 RT CHANNEL FLOW
 FUEL INJECTION
 INLET FLOW
 LAMINAR MIXING
 NOZZLE FLOW
 SECONDARY INJECTION

FLUID JET AMPLIFIERS

USE FLUID AMPLIFIERS
 JET AMPLIFIERS

FLUID JETS

FLUID JETS

- GS **FLUID JETS**
 - AIR JETS
 - FREE JETS
 - GAS JETS
 - HYDRAULIC JETS
 - VAPOR JETS
- RT JET AMPLIFIERS
- JET FLOW
- JET MIXING FLOW
- JET STREAMS (METEOROLOGY)
- ∞ JETS
- PLASMA JETS

FLUID LOGIC

- RT COMPUTER DESIGN
- FLUIDIC CIRCUITS
- FLUIDICS
- ∞ LOGIC
- LOGIC CIRCUITS

FLUID MANAGEMENT

- RT CRYOGENIC FLUID STORAGE
- CRYOGENIC FLUIDS
- CRYOGENIC ROCKET PROPELLANTS
- FLUID DYNAMICS
- FUEL CONTROL
- REDUCED GRAVITY

FLUID MECHANICS

- GS **FLUID MECHANICS**
 - FLUID DYNAMICS
 - COMPUTATIONAL FLUID DYNAMICS
 - GAS DYNAMICS
 - AERODYNAMICS
 - AEROTHERMODYNAMICS
 - HYPERSONICS
 - ROTOR AERODYNAMICS
 - SUPERSONICS
 - INTERACTIONAL AERODYNAMICS
 - RAREFIED GAS DYNAMICS
 - HYDRODYNAMICS
 - ELASTOHYDRODYNAMICS
 - ELECTROHYDRODYNAMICS
 - MAGNETOHYDRODYNAMICS
 - CYLINDRICAL PLASMAS
 - ROTONS
 - VORTEX SHEDDING
 - HYDROMECHANICS
 - HYDRODYNAMICS
 - ELASTOHYDRODYNAMICS
 - ELECTROHYDRODYNAMICS
 - MAGNETOHYDRODYNAMICS
 - HYDROSTATICS
 - MAGNETOHYDROSTATICS
- RT PNEUMATICS
- AEROSTATICS
- ∞ BLEEDING
- CONTINUUM MECHANICS
- DIFFUSIVITY
- ∞ DYNAMICS
- FLAT PLATES
- FLOW THEORY
- FLUIDICS
- ∞ HYDRAULICS
- HYDRODYNAMIC EQUATIONS
- INCOMPRESSIBILITY
- KINETICS
- MAXWELL FLUIDS
- ∞ MECHANICS (PHYSICS)
- MICROPOLAR FLUIDS
- ∞ SCIENCE
- STATICS
- SUPERCRITICAL FLUIDS
- THERMODYNAMICS

FLUID POWER

- RT COMPRESSIBLE FLUIDS
- FLUID PRESSURE
- FLUIDIC CIRCUITS
- FLUIDICS
- HYDRAULIC CONTROL
- HYDRAULIC EQUIPMENT
- ∞ HYDRAULICS
- HYDRODYNAMICS
- INCOMPRESSIBLE FLUIDS
- PNEUMATIC CONTROL
- PNEUMATIC EQUIPMENT
- PNEUMATICS
- ∞ POWER
- ∞ PRESSURE DROP
- WORKING FLUIDS

FLUID PRESSURE

- GS PRESSURE

FLUID PRESSURE-(CONT)

- FLUID PRESSURE**
- WATER PRESSURE
- RT BETA FACTOR
- FLUID POWER
- FLUIDICS
- ∞ FLUIDS
- HYDRAULIC FLUIDS

FLUID ROTOR GYROSCOPES

- GS GYROSCOPES
- ROTARY GYROSCOPES
- FLUID ROTOR GYROSCOPES**
- RT FLOTATION
- GIMBALS

FLUID SWITCHING ELEMENTS

- GS CIRCUITS
- SWITCHING CIRCUITS
- FLUID SWITCHING ELEMENTS**
- SWITCHES
- SWITCHING CIRCUITS
- FLUID SWITCHING ELEMENTS**
- RT ACOUSTIC STREAMING
- AUTOMATIC CONTROL VALVES
- FLIP FLOPS
- FLUERICS
- FLUIDIC CIRCUITS
- FLUIDICS
- HYDRAULIC EQUIPMENT
- PNEUMATIC EQUIPMENT

FLUID TRANSMISSION LINES

- GS TRANSMISSION LINES
- FLUID TRANSMISSION LINES**
- RT HYDRAULIC FLUIDS
- TRANSMISSION FLUIDS
- WORKING FLUIDS

FLUID TRANSPIRATION

- USE TRANSPIRATION

FLUID-SOLID INTERACTIONS

- GS **FLUID-SOLID INTERACTIONS**
- GAS-SOLID INTERACTIONS
- GAS-METAL INTERACTIONS
- RT GAS-SOLID INTERFACES
- ∞ INTERACTIONS
- LIQUID-SOLID INTERFACES
- SURFACE REACTIONS

FLUIDIC CIRCUITS

- GS CIRCUITS
- FLUIDIC CIRCUITS**
- FLIP-FLOPS
- RT FLUERICS
- FLUID AMPLIFIERS
- FLUID LOGIC
- FLUID POWER
- FLUID SWITCHING ELEMENTS
- FLUIDICS
- FLY BY TUBE CONTROL

FLUIDICS

- GS **FLUIDICS**
- FLUERICS
- RT AMPLIFICATION
- ∞ CONTROL
- FLUID AMPLIFIERS
- FLUID FLOW
- FLUID LOGIC
- FLUID MECHANICS
- FLUID POWER
- FLUID PRESSURE
- FLUID SWITCHING ELEMENTS
- FLUIDIC CIRCUITS
- HYDRAULIC ANALOGIES
- HYDRAULIC CONTROL
- ∞ LOGIC
- PNEUMATIC CIRCUITS
- PNEUMATIC CONTROL
- PNEUMATIC EQUIPMENT
- PNEUMATICS

FLUIDIZED BED PROCESSORS

- RT BEDS (PROCESS ENGINEERING)
- CHEMICAL REACTORS
- FLUID FILTERS
- FURNACES
- SEPARATORS

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∞ FLUIDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ANISOTROPIC FLUIDS
- BINARY FLUIDS
- BODY FLUIDS
- CEREBROSPINAL FLUID
- COMPRESSIBLE FLUIDS
- CRYOGENIC FLUIDS
- FERROFLUIDS
- FLUID FLOW
- FLUID PRESSURE
- GASES
- GYROSCOPE FLUIDS
- HIGH TEMPERATURE FLUIDS
- HYDRAULIC FLUIDS
- IDEAL FLUIDS
- INCOMPRESSIBLE FLUIDS
- LIQUIDS
- MAXWELL FLUIDS
- MICROPOLAR FLUIDS
- NEWTONIAN FLUIDS
- NONEQUILIBRIUM FLOW
- NONNEWTONIAN FLUIDS
- RHEOLOGY
- ROTATING FLUIDS
- SERUMS
- SIPHONING
- SOLIDS
- SUPERCRITICAL FLUIDS
- SUPERFLUIDITY
- TRANSMISSION FLUIDS
- VISCOUS FLUIDS
- WEIGHTLESS FLUIDS
- WORKING FLUIDS

FLUORESCENCE

- UF FLUORESCENT EMISSION
- GS DECAY
- EMISSION
- LIGHT EMISSION
- LUMINESCENCE
- FLUORESCENCE**
- PHOSPHORESCENCE
- RESONANCE FLUORESCENCE
- X RAY FLUORESCENCE
- RT ELECTROMAGNETIC ABSORPTION
- EXTINCTION
- MOSSBAUER EFFECT
- PHOSPHORS
- PHOTOLUMINESCENCE
- PLASMA RADIATION
- TRIBOLUMINESCENCE

FLUORESCENT EMISSION

- USE FLUORESCENCE

FLUORIDES

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORIDES**
- ANTIMONY FLUORIDES
- BARIUM FLUORIDES
- BORON FLUORIDES
- CHLORINE FLUORIDES
- COMPOUND A
- CRYOLITE
- DIFLUORIDES
- CALCIUM FLUORIDES
- FLUORSAPAR
- HYDROFLUORIC ACID
- METAL FLUORIDES
- ALUMINUM FLUORIDES
- BERYLLIUM FLUORIDES
- CADMIUM FLUORIDES
- CALCIUM FLUORIDES
- CESIUM FLUORIDES
- CHROMIUM FLUORIDES
- COBALT FLUORIDES
- COPPER FLUORIDES
- LANTHANUM FLUORIDES
- LITHIUM FLUORIDES
- MAGNESIUM FLUORIDES
- NICKEL FLUORIDES
- PLUTONIUM FLUORIDES
- PROTACTINIUM FLUORIDES
- SODIUM FLUORIDES
- STRONTIUM FLUORIDES
- THORIUM FLUORIDES
- TUNGSTEN FLUORIDES
- URANIUM FLUORIDES
- ZINC FLUORIDES
- NITROGEN FLUORIDES
- OXYFLUORIDES

FLUORIDES-(CONT)

OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
HALIDES

FLUORIDES

ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES

RT EXCIMER LASERS

FLUORINATION

GS CHEMICAL REACTIONS
HALOGENATION
FLUORINATION
RT DEFLUORINATION

FLUORINE

GS CHEMICAL ELEMENTS
HALOGENS
FLUORINE
FLUORINE ISOTOPES
RT FLOX
OXIDIZERS

FLUORINE COMPOUNDS

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
COMPOUND A
CRYOLITE
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
METAL FLUORIDES
ALUMINUM FLUORIDES
BERYLLIUM FLUORIDES
CADMIUM FLUORIDES
CALCIUM FLUORIDES
CESIUM FLUORIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER FLUORIDES
LANTHANUM FLUORIDES
LITHIUM FLUORIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
PLUTONIUM FLUORIDES
PROTACTINIUM FLUORIDES
SODIUM FLUORIDES
STRONTIUM FLUORIDES
THORIUM FLUORIDES
TUNGSTEN FLUORIDES
URANIUM FLUORIDES
ZINC FLUORIDES
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
FLUORITE
FLURO COMPOUNDS
CRYOLITE
DIFLUORO COMPOUNDS
PERFLUOROALKANE
POLYTETRAFLUOROETHYLENE
FLUORINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUROCARBONS
FLUROHYDROCARBONS
CARBON TETRAFLUORIDE
FLUROPOLYMERS

FLUORINE COMPOUNDS-(CONT)

KEL-F
PERFLUOROALKANE
PERFLUOROGUANIDINE
RT ∞ CHEMICAL COMPOUNDS
HALOCARBONS

FLUORINE ISOTOPES

GS CHEMICAL ELEMENTS
HALOGENS
FLUORINE
FLUORINE ISOTOPES
NUCLIDES
ISOTOPES
FLUORINE ISOTOPES

FLUORINE ORGANIC COMPOUNDS

UF ORGANIC FLUORINE COMPOUNDS
GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLURO COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUROCARBONS
FLUROHYDROCARBONS
CARBON TETRAFLUORIDE
FLUROPOLYMERS
KEL-F
PERFLUOROALKANE
PERFLUOROGUANIDINE
ORGANIC COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUROCARBONS
FLUROHYDROCARBONS
CARBON TETRAFLUORIDE
KEL-F
PERFLUOROALKANE
PERFLUOROGUANIDINE
RT ∞ CHEMICAL COMPOUNDS

FLUORINE-LIQUID OXYGEN

USE FLOX

FLUORITE

GS CALCIUM COMPOUNDS
FLUORITE
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORITE
MINERALS
FLUORITE

FLURO COMPOUNDS

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLURO COMPOUNDS
CRYOLITE
DIFLUORO COMPOUNDS
PERFLUOROALKANE
POLYTETRAFLUROETHYLENE
FLUORINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUROCARBONS
FLUROHYDROCARBONS
CARBON TETRAFLUROIDE
FLUROPOLYMERS
KEL-F
PERFLUOROALKANE
PERFLUOROGUANIDINE
RT ∞ CHEMICAL COMPOUNDS
HALOCARBONS

FLUROAMINES

GS ALIPHATIC COMPOUNDS
FLUROAMINES
NITROFLUROAMINES
TRIFLUOROAMINE OXIDE
AMINES
FLUROAMINES
NITROFLUROAMINES
TRIFLUOROAMINE OXIDE
HALOGEN COMPOUNDS
FLUROINE COMPOUNDS
FLURO COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUROAMINES
TRIFLUOROAMINE OXIDE

FLUROAMINES-(CONT)

ORGANIC COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROAMINES
NITROFLUROAMINES
TRIFLUOROAMINE OXIDE

FLUROCARBONS

GS HALOGEN COMPOUNDS
FLUROINE COMPOUNDS
FLURO COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROCARBONS
HALOCARBONS
FLUROCARBONS
ORGANIC COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROCARBONS
RT FLUROHYDROCARBONS
FLUROPOLYMERS

FLUROHYDROCARBONS

GS HALOGEN COMPOUNDS
FLUROINE COMPOUNDS
FLURO COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROHYDROCARBONS
CARBON TETRAFLUROIDE
ORGANIC COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROHYDROCARBONS
CARBON TETRAFLUROIDE
RT FLUROCARBONS
FREON
REFRIGERANTS
VITON

FLUROMICA

USE FLUROSILICATES
MICA

FLUROPHLOGOPITE

GS MINERALS
MICA
FLUROPHLOGOPITE

FLUROPLASTICS

USE FLUROPOLYMERS

FLUROPOLYMERS

UF FLUROPLASTICS
GS CARBON COMPOUNDS
FLUROPOLYMERS
HALOGEN COMPOUNDS
FLUROINE COMPOUNDS
FLURO COMPOUNDS
FLUROINE ORGANIC COMPOUNDS
FLUROPOLYMERS
RT FLUROCARBONS
PLASTICS
 ∞ POLYMERS

FLUROSCOPY

RT MEDICAL EQUIPMENT
X RAY ANALYSIS

FLUROSILICATES

UF FLUROMICA
GS SILICON COMPOUNDS
SILICATES
FLUROSILICATES
RT MINERALS

FLUROSPAR

GS CALCIUM COMPOUNDS
CALCIUM FLUROIDES
FLUROSPAR
HALOGEN COMPOUNDS
FLUROINE COMPOUNDS
FLUROIDES
DIFLUORIDES
CALCIUM FLUROIDES
FLUROSPAR
HALIDES
FLUROIDES
DIFLUORIDES
CALCIUM FLUROIDES
FLUROSPAR
METAL HALIDES
CALCIUM FLUROIDES
FLUROSPAR
MINERALS
FLUROSPAR

FLUSHING

FLUSHING

RT CLEANING
EJECTION
ELUTION
EXPPELLANTS
LEACHING
PURGING
PURIFICATION
∞ SEPARATION
VENTING
WASHING
WASTE WATER

FLUTING

USE GROOVING

FLUTTER

UF AERODYNAMIC BUZZ
AEROMAGNETO FLUTTER
GS VIBRATION
STRUCTURAL VIBRATION
FLUTTER
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
RT AERODYNAMIC NOISE
AERODYNAMIC STABILITY
AEROELASTICITY
BENDING
BENDING VIBRATION
BOUNDARY LAYER CONTROL
BUFFETING
COMPRESSIBILITY EFFECTS
DAST PROGRAM
FLAPPING
FLIGHT CHARACTERISTICS
FORCED VIBRATION
HOVERING
HYDROFOIL OSCILLATIONS
INFLUENCE COEFFICIENT
MISSILE VIBRATION
RANDOM VIBRATION
RESONANT VIBRATION
SELF INDUCED VIBRATION
SHAKING
SPACECRAFT MOTION
TURBULENCE EFFECTS
UNDAMPED OSCILLATIONS
VIBRATION SIMULATORS
VIBRATION TESTS
VIBRATIONAL STRESS
WING OSCILLATIONS

FLUTTER ANALYSIS

GS STRUCTURAL ANALYSIS
FLUTTER ANALYSIS
RT STRUCTURAL VIBRATION

∞ FLUX

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FLUX (RATE)
FLUX DENSITY
FLUX QUANTIZATION
FLUXES
LEVEL (QUANTITY)

FLUX (RATE PER UNIT AREA)

USE FLUX DENSITY

FLUX (RATE)

SN *(THE TOTAL EMANATION OF ENERGY,
MATERIAL OR PARTICLES FROM A
SINGLE SOURCE PER UNIT TIME--OFTEN
USED ERRONEOUSLY IN LIEU OF FLUX
DENSITY, WHICH IS ENERGY, MATERIAL
OR PARTICLE RATE PER UNIT AREA)*
UF ELECTRON FLUX
NEUTRON FLUX
PARTICLE FLUX
GS RATES (PER TIME)
FLUX (RATE)
HEAT FLUX
MAGNETIC FLUX
SOLAR FLUX
RT BETA PARTICLES
BRIGHTNESS
CORPUSCULAR RADIATION
DOSIMETERS
ELECTROMAGNETIC RADIATION
EMITTANCE
∞ ENERGY
FIELD THEORY (PHYSICS)

FLUX (RATE)-(CONT)

FLUX DENSITY
GAMMA RAYS
∞ INTENSITY
LEVEL (QUANTITY)
LUMINOUS INTENSITY
MAGNETIC CIRCUITS
MAGNETIC INDUCTION
MAGNETOSTATICS
PARTICLE BEAMS
PARTICLE DIFFUSION
∞ POWER
RADIANT FLUX DENSITY
∞ RADIATION
STEFAN-BOLTZMANN LAW

FLUX DENSITY

SN *(ENERGY, MATERIAL OR PARTICLE
RATE PER UNIT AREA--THE QUANTITY
USUALLY MEASURED EXCEPT WHEN
THE TOTAL EMANATION RATE FROM A
SINGLE SOURCE CAN BE DETERMINED)*
UF DENSITY (RATE/AREA)
ENERGY DENSITY
FLUX (RATE PER UNIT AREA)
FLUX MAPPING
GS RATES (PER TIME)
FLUX DENSITY
CURRENT DENSITY
PHOTON DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
SOLAR FLUX DENSITY
SOLAR CONSTANT
SOUND INTENSITY
ZERO SOUND
RT ALPHA PARTICLES
ANGULAR DISTRIBUTION
ATOM CONCENTRATION
∞ DENSITY
DOSIMETERS
ELECTROMAGNETIC RADIATION
∞ ENERGY
ENERGY DISTRIBUTION
FIELD INTENSITY METERS
FIELD STRENGTH
FIELD THEORY (PHYSICS)
FLUX (RATE)
GAMMA RAYS
HEAT FLUX
∞ INTENSITY
IRRADIATION
LEVEL (QUANTITY)
LOUDNESS
MASS DISTRIBUTION
METEOROID CONCENTRATION
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
∞ POWER
POWER SPECTRA
PROTONS
∞ RADIATION
RADIATION DISTRIBUTION
RADIATION HAZARDS
REMANENCE
SCATTERING FUNCTIONS
SOLAR MAXIMUM MISSION
SOUND PRESSURE
SPECTRA
X RAY DENSITY MEASUREMENT

FLUX MAPPING

USE FLUX DENSITY
MAPPING

FLUX PINNING

GS PINNING
FLUX PINNING
RT LINES OF FORCE
MAGNETIC FLUX
SUPERCONDUCTIVITY
TRAPPED MAGNETIC FIELDS
TRAPPING

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FLUX PUMPS

RT MAGNETIC COILS
MAGNETIC FIELDS
SUPERCONDUCTING MAGNETS
SUPERCONDUCTIVITY

FLUX QUANTIZATION

RT ∞ FLUX

FLUXES

RT BRAZING
∞ FLUX
LIMESTONE
SOLDERING
WELDING

FLUXMETERS

USE MAGNETIC MEASUREMENT
MEASURING INSTRUMENTS

FLY ASH

GS ASHES
FLY ASH
RT AIR POLLUTION
COAL
COMBUSTION PRODUCTS
ELECTRIC POWER PLANTS
ELECTROSTATIC PRECIPITATORS
POLLUTION CONTROL

FLY BY TUBE CONTROL

GS FLIGHT CONTROL
FLY BY TUBE CONTROL
RT AIRCRAFT CONTROL
∞ CONTROL
FLUIDIC CIRCUITS
HYDRAULIC EQUIPMENT
SERVOAMPLIFIERS

FLY BY WIRE CONTROL

UF ELECTRIC AIRCRAFT
GS FLIGHT CONTROL
FLY BY WIRE CONTROL
RT AIRCRAFT CONTROL
∞ CONTROL
GROUND BASED CONTROL
SPACECRAFT CONTROL

FLYBY MISSIONS

GS FLYBY MISSIONS
ASTEROID MISSIONS
GIOTTO MISSION
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
VOYAGER 1977 MISSION
MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973
RT GALILEO PROJECT
GALILEO SPACECRAFT
INTERPLANETARY FLIGHT
LONG DURATION SPACE FLIGHT
LUNAR FLIGHT
MARINER MARK 2 SPACECRAFT
MARINER PROGRAM
∞ MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
SPACE MISSIONS
SWINGBY TECHNIQUE
TOPS (SPACECRAFT)
VEGA PROJECT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

FLYING

USE FLIGHT

FLYING BEDSTEAD AIRCRAFT

USE FLYING PLATFORMS

FLYING CRANE HELICOPTER

USE H-17 HELICOPTER

FLYING EJECTION SEATS

GS ONBOARD EQUIPMENT
AIRCRAFT EQUIPMENT
FLYING EJECTION SEATS
SAFETY DEVICES
EJECTION SEATS
FLYING EJECTION SEATS
SEATS
EJECTION SEATS
FLYING EJECTION SEATS

FLYING EJECTION SEATS-(CONT.)

RT ABORT APPARATUS
AIRCRAFT SAFETY
BAILOUT
COCKPITS
EJECTORS
ESCAPE CAPSULES
FLIGHT SAFETY
JET ENGINES
PROTECTION

FLYING PERSONNEL

GS PERSONNEL
FLYING PERSONNEL
ASTRONAUTS
ORBITAL WORKERS
COSMONAUTS
FLIGHT CREWS
SPACECREWS
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
RT FLIGHT FITNESS
FLIGHT TRAINING
NAVIGATORS

FLYING PLATFORM STABILITY
USE AERODYNAMIC STABILITY
FLYING PLATFORMS

FLYING PLATFORMS

UF FLYING BEDSTEAD AIRCRAFT
FLYING PLATFORM STABILITY
GS V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
FLYING PLATFORMS
RT ∞ AIRCRAFT
GROUND EFFECT MACHINES
JET AIRCRAFT
OBSERVATION AIRCRAFT
∞ PLATFORMS
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
∞ SUBSONIC AIRCRAFT
VZ-8 AIRCRAFT

FLYING QUALITIES

USE FLIGHT CHARACTERISTICS

FLYING SPOT SCANNERS

GS SCANNERS
OPTICAL SCANNERS
FLYING SPOT SCANNERS
RT DISPLAY DEVICES
ELECTRON GUNS
ELECTRON OPTICS
IMAGE TUBES
OSCILLOSCOPES
PHOTOTUBES
PICTURE TUBES
TELEVISION EQUIPMENT
VIDEO EQUIPMENT

FLYING WING AIRCRAFT

USE TAILLESS AIRCRAFT

FLYWHEELS

GS ROTATING BODIES
ROTORS
FLYWHEELS
WHEELS
FLYWHEELS
RT BALANCING
COUNTER-ROTATING WHEELS
ENERGY STORAGE
ENGINE PARTS
MECHANICAL ENGINEERING
REACTION WHEELS

FM/PM (MODULATION)

GS MODULATION
FREQUENCY MODULATION
FM/PM (MODULATION)
PHASE MODULATION
FM/PM (MODULATION)
RT DATA TRANSMISSION

FOAMING

RT BENEFICIATION
FLOTATION
FOAMS
METAL FOAMS
∞ SEPARATION
SURFACE PROPERTIES

FOAMING-(CONT.)

SWIRLING
WETTING
FOAMS
UF CELLULAR MATERIALS (NON
BIOLOGICAL)
GS FOAMS
METAL FOAMS
RT BUBBLES
COLLOIDS
EXPLOSION SUPPRESSION
FOAMING
LOW DENSITY MATERIALS
∞ MATERIALS
POLYURETHANE FOAM
STYROFOAM (TRADEMARK)

FOCI

GS FOCI
PLASMA FOCUS
RT ∞ CENTERS
FOCUSING
GEOMETRY
LOCI
∞ OPTICS
POINTS (MATHEMATICS)
RESOLUTION

FOCUSING

GS FOCUSING
DEFOCUSING
PREFOCUSING
SELF FOCUSING
RT ACCOMMODATION
ADJUSTING
ASTIGMATISM
CAMERAS
DISTANCE
FOCI
FRESNEL LENSES
GEOMETRICAL OPTICS
GRAVITATIONAL LENSES
IMAGE CONTRAST
IMAGE ENHANCEMENT
LASER CUTTING
LASER DRILLING
LENSES
PANORAMIC CAMERAS
SOLAR REFLECTORS
STEERING
STIGMATISM
VIGNETTING

FOETUSES

USE FETUSES

FOG

GS MIXTURES
DISPERSIONS
COLLOIDS
AEROSOLS
FOG
LIQUID-GAS MIXTURES
AEROSOLS
FOG
PARTICLES
AEROSOLS
FOG
RT ANVIL CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUDS (METEOROLOGY)
DROP SIZE
HAZE
HAZE DETECTION
MIST
PRECIPITATION (METEOROLOGY)
SMOG
SMOKE
STEAM
STRATUS CLOUDS
VISIBILITY

FOG DISPERSAL

GS WEATHER MODIFICATION
FOG DISPERSAL
RT AEROSOLS
CLIMATOLOGY
CLOUD PHYSICS
CLOUDS (METEOROLOGY)
DISPERSING
DISPERSIONS
MIST
PRECIPITATION (METEOROLOGY)

FOIL BEARINGS

GS BEARINGS
FOIL BEARINGS

∞ FOILS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AIRFOILS
FOILS (MATERIALS)
HYDROFOILS
MULTILAYER INSULATION

FOILS (MATERIALS)

GS FOILS (MATERIALS)
METAL FOILS
RT AIRFOILS
∞ FOILS
HYDROFOILS
∞ MATERIALS
MULTILAYER INSULATION
THIN PLATES

FOKKER AIRCRAFT

GS FOKKER AIRCRAFT
F-27 AIRCRAFT
F-28 TRANSPORT AIRCRAFT
RT ∞ AIRCRAFT

FOKKER BOND TESTERS

USE ADHESION TESTS

FOKKER F 27 AIRCRAFT

USE F-27 AIRCRAFT

FOKKER F 28 AIRCRAFT

USE F-28 TRANSPORT AIRCRAFT

FOKKER FRIENDSHIP AIRCRAFT

USE F-27 AIRCRAFT

FOKKER-PLANCK EQUATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
FOKKER-PLANCK EQUATION
RT BOLTZMANN TRANSPORT EQUATION
BROWNIAN MOVEMENTS
DENSITY DISTRIBUTION
DIFFUSION THEORY
∞ EQUATIONS
IONIZED GASES
STOCHASTIC PROCESSES

FOLDING

UF CRIMPING
RT BENDING
BINDING
CURL (MATERIALS)
DISTORTION
FLEXING

FOLDING FIN AIRCRAFT ROCKET VEHICLE

UF FFAR ROCKET VEHICLE
GS ROCKET VEHICLES
FOLDING FIN AIRCRAFT ROCKET
VEHICLE

RT ∞ AIRCRAFT
SOLID PROPELLANT ROCKET ENGINES

FOLDING STRUCTURES

UF ROGALLO WINGS
TELESCOPING STRUCTURES
GS FOLDING STRUCTURES
SAILWINGS
RT ANTENNAS
BALLOONS
BALLUTES
EXPANDABLE STRUCTURES
FURLABLE ANTENNAS
INFLATABLE STRUCTURES
PADDLES
PARACHUTES
PARAGLIDERS
PARAVULCOONS
PARAWINGS
ROTARY WINGS
SPACE ERECTABLE STRUCTURES
SPACECRAFT STRUCTURES
∞ STRUCTURES
VARIABLE GEOMETRY STRUCTURES
VARIABLE SWEEP WINGS

FOLDS (GEOLOGY)

FOLDS (GEOLOGY)

UF NAPLES
RT EARTH CRUST
FISSURES (GEOLOGY)
GEOLOGICAL FAULTS
GREAT BASIN (US)
∞ LAYERS
OUTCROPS
ROCKS
SEAMOUNTS
STRATA
STRATIFICATION

FOLIAGE

GS PLANTS (BOTANY)
FOLIAGE
RT BROWN WAVE EFFECT
CANOPIES (VEGETATION)
DECIDUOUS TREES
DEFOLIANTS
GREEN WAVE EFFECT
HERBICIDES
LEAVES
LOCUSTS
TIMBER VIGOR

FOLIC ACID

UF VITAMIN M
GS ACIDS
AMINO ACIDS
FOLIC ACID
HETEROCYCLIC COMPOUNDS
FOLIC ACID
NITROGEN COMPOUNDS
FOLIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
FOLIC ACID
VITAMINS
FOLIC ACID

∞ FOOD

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ALFALFA
BARLEY
BEVERAGES
BROTHS
CALORIC REQUIREMENTS
CANNING
CARBOHYDRATES
CITRUS TREES
CONSUMABLES (SPACECREW SUPPLIES)
CORN
DECONTAMINATION
DEHYDRATED FOOD
DIETS
DIGESTING
DISTRIBUTING
EARTH RESOURCES
EATING
EGGS
FATS
FISHES
FLOUR (FOOD)
FOOD CHAIN
FROZEN FOODS
FRUITS
GELATINS
HAY
LEGUMINOUS PLANTS
MILK
MILLET
NUTRITION
OATS
ORCHARDS
PEPPERS
POTATOES
PRESERVING
PROTEINS
PROVISIONING
RATIONS
SERVICES
SOYBEANS
SPACE FLIGHT FEEDING
SPACE RATIONS
SPINACH
STARCHES
SUGAR CANE
SUGARS
SYNTHETIC FOOD
VEGETABLES
VINEYARDS
VITAMINS

FOOD-(CONT)

YEAST

FOOD CHAIN

RT ANIMALS
ECOSYSTEMS
∞ FOOD
PLANTS (BOTANY)

FOOD INTAKE

RT FASTING
SPACE FLIGHT FEEDING
SYNTHETIC FOOD

FOOD PROCESSING

GS FOOD PROCESSING
CANNING
PRESERVING
RT DEHYDRATED FOOD
FROZEN FOODS
∞ PROCESSING

FOOTPRINTS

RT AIRCRAFT NOISE
ANTENNA RADIATION PATTERNS
MATHEMATICAL MODELS

FORBIDDEN BANDS

GS ENERGY BANDS
FORBIDDEN BANDS
RT BAND STRUCTURE OF SOLIDS
∞ BANDS
ELECTRON ENERGY
FREE ELECTRONS
LATTICE VIBRATIONS
WAVE EQUATIONS

FORBIDDEN TRANSITIONS

RT ELECTRON TRANSITIONS
FRANK-CONDON PRINCIPLE
QUANTUM THEORY
SELECTION RULES (NUCLEAR PHYSICS)
∞ SOLID STATE PHYSICS
∞ TRANSITION
WAVE FUNCTIONS

FORBUSH DECREASES

UF FORBUSH EFFECT
RT COSMIC RAYS
∞ EFFECTS
MAGNETIC STORMS
SOLAR FLARES
SOLAR FURNACES
SOLAR STORMS

FORBUSH EFFECT

USE FORBUSH DECREASES

∞ FORCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF REPULSION
RT ACCELERATION (PHYSICS)
AERODYNAMIC FORCES
ATTRACTION
CENTRIFUGAL FORCE
CENTRIPETAL FORCE
ELECTRIC FIELD STRENGTH
HIGH IMPULSE
INERTIA
KINETICS
LINES OF FORCE
LOADS (FORCES)
LORENTZ FORCE
NEWTON
NONCONSERVATIVE FORCES
NULL ZONES
PONDEROMOTIVE FORCES
PRESSURE
PULLING
PUSHING
THRUST
THRUST MEASUREMENT
TORQUE
TORSION
VAN DER WAAL FORCES
WEIGHT (MASS)
ZERO FORCE CURVES

FORCE DISTRIBUTION

UF LIFT DISTRIBUTION
NORMAL FORCE DISTRIBUTION
GS DISTRIBUTION (PROPERTY)

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FORCE DISTRIBUTION-(CONT)

RT FORCE DISTRIBUTION
AERODYNAMIC COEFFICIENTS
AERODYNAMIC LOADS
ANGULAR DISTRIBUTION
CHARGE DISTRIBUTION
ENERGY DISTRIBUTION
INFLUENCE COEFFICIENT
LIFT DRAG RATIO
LOADS (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
SCALE EFFECT
STRESS CONCENTRATION
STRESS INTENSITY FACTORS
SWEEP EFFECT
THRUST DISTRIBUTION
WING LOADING

FORCE FIELDS

USE FIELD THEORY (PHYSICS)

FORCE VECTOR RECORDERS

GS MEASURING INSTRUMENTS
FORCE VECTOR RECORDERS
RECORDING INSTRUMENTS
FORCE VECTOR RECORDERS
RT ∞ INSTRUMENTS

FORCE-FREE MAGNETIC FIELDS

GS MAGNETIC FIELDS
FORCE-FREE MAGNETIC FIELDS

FORCED CONVECTION

GS CONVECTION
RT BLOWING
CONVECTIVE HEAT TRANSFER
FREE CONVECTION
HEAT TRANSFER
LAMINAR FLOW
PRANDTL NUMBER
RAYLEIGH BENARD CONVECTION
STANTON NUMBER

FORCED OSCILLATION

USE FORCED VIBRATION

FORCED VIBRATION

UF FORCED OSCILLATION
FORCED VIBRATORY MOTION
EQUATIONS
GS VIBRATION
RT FLUTTER
FREE VIBRATION
RANDOM VIBRATION
SELF EXCITATION
SELF INDUCED VIBRATION

FORCED VIBRATORY MOTION EQUATIONS

USE EQUATIONS
FORCED VIBRATION

FOREARM

GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
FOREARM
APPENDAGES
ARM (ANATOMY)
FOREARM

FOREBODIES

GS AIRCRAFT STRUCTURES
FOREBODIES
NOSES (FOREBODIES)
RT AFTERBODIES
BLUFF BODIES
BLUNT BODIES
BLUNT LEADING EDGES
∞ BOWS
CENTERBODIES
CYLINDRICAL BODIES
HAMMERHEAD CONFIGURATION
LEADING EDGES

FORECASTING

UF FORECASTS
GS FORECASTING
DELPHI METHOD (FORECASTING)
PERFORMANCE PREDICTION
PREDICTION ANALYSIS TECHNIQUES
TECHNOLOGICAL FORECASTING

FORECASTING-(CONT)

PATTERN METHOD (FORECASTING)
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 WEATHER FORECASTING
 LONG RANGE WEATHER
 FORECASTING
 NOWCASTING
 NUMERICAL WEATHER FORECASTING
 STATISTICAL WEATHER
 FORECASTING
 RT ∞ ANALYZING
 BUDGETING
 CONFIDENCE LIMITS
 CORRELATION
 CURVE FITTING
 ESTIMATES
 ESTIMATING
 EVALUATION
 EXPECTATION
 EXTRAPOLATION
 MANAGEMENT
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 MISSION PLANNING
 NOISE PREDICTION (AIRCRAFT)
 OPERATIONS RESEARCH
 PLANNING
 PREDICTIONS
 PROBABILITY THEORY
 PROJECT PLANNING
 ∞ PROJECTION
 REGRESSION ANALYSIS
 REGRESSION COEFFICIENTS
 RELIABILITY
 RESERVES
 RISK
 SCHEDULING
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 SYSTEMS ENGINEERING
 TIME SERIES ANALYSIS
 TRENDS

FORECASTS

USE FORECASTING

FOREHEAD

GS FACE (ANATOMY)
FOREHEAD
 RT HEAD (ANATOMY)
 SKULL

FOREIGN BODIES

RT AIRCRAFT HAZARDS
 ∞ BODIES
 INJURIES
 METEORITES

FOREIGN POLICY

GS **FOREIGN POLICY**
 INTERNATIONAL RELATIONS
 INTERNATIONAL COOPERATION
 OUTER SPACE TREATY
 RT ∞ BUDGETS
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL HYDROLOGICAL
 DECADE

FOREIGN TRADE

RT ECONOMICS

FORENSIC SCIENCES

USE LAW (JURISPRUDENCE)

FOREST FIRE DETECTION

GS DETECTION
FOREST FIRE DETECTION
 RT AERIAL PHOTOGRAPHY
 ∞ DETECTORS
 HAZE DETECTION
 INFRARED DETECTORS
 INFRARED INSTRUMENTS
 INFRARED PHOTOGRAPHY
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 MEASURING INSTRUMENTS
 OBSERVATION
 RADIOMETERS
 SATELLITE-BORNE PHOTOGRAPHY
 SURVEILLANCE

FOREST FIRES

GS FIRES
FOREST FIRES
 RT AIR POLLUTION
 ASHES
 COMBUSTION
 FIRE PREVENTION
 FIREBREAKS
 FLAMES
 FORESTS
 SMOKE
 WASTES

FOREST MANAGEMENT

GS MANAGEMENT
 RESOURCES MANAGEMENT
FOREST MANAGEMENT
 REFORESTATION
 RT CONSERVATION
 EARTH RESOURCES
 FORESTS
 LAND USE
 REGIONAL PLANNING
 TIMBER INVENTORY

FORESTS

UF LUMBERING AREAS
 GS RESOURCES
 EARTH RESOURCES
FORESTS
 RAIN FORESTS
 RT AMAZON REGION (SOUTH AMERICA)
 CANOPIES (VEGETATION)
 CLEARINGS (OPENINGS)
 CONIFERS
 CONSERVATION
 DECIDUOUS TREES
 DEFOLIANTS
 DEFOLIATION
 DEFORESTATION
 FIREBREAKS
 FOREST FIRES
 FOREST MANAGEMENT
 HERBICIDES
 LOGGING (INDUSTRY)
 PLANTS (BOTANY)
 REFORESTATION
 REGIONAL PLANNING
 SILVICULTURE
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TIMBER VIGOR
 TIMBERLINE
 TREES (PLANTS)
 WILDERNESS

FORGING

UF METAL FORGING
 GS FORMING TECHNIQUES
FORGING
 METAL WORKING
FORGING
 RT AUSFORMING
 BILLETS
 BULGING
 CASTING
 COINING
 COLD WORKING
 HEAT TREATMENT
 HOT PRESSING
 HOT WORKING
 PIERCING
 PRESSING (FORMING)
 RHEOCASTING
 ∞ ROLLING
 STAMPING

FORKS

RT CONVEYORS
 HOOKS

FORM

USE SHAPES

FORM FACTORS

RT APPROXIMATION
 COUPLING COEFFICIENTS
 FUNCTIONAL ANALYSIS
 HARMONIC ANALYSIS
 RECTIFIERS
 SCATTERING COEFFICIENTS
 SERIES (MATHEMATICS)
 SQUARE WAVES
 TRANSDUCERS
 ∞ VARIABLE

FORM FACTORS-(CONT)

WAVEFORMS
 X RAY SCATTERING

FORM PERCEPTION

USE SPACE PERCEPTION

FORMALDEHYDE

GS ALDEHYDES
FORMALDEHYDE
 RT PHENOL FORMALDEHYDE

FORMALISM

RT COMPUTER PROGRAMMING
 DYNAMIC PROGRAMMING
 LINEAR PROGRAMMING
 ∞ LOGIC
 NONLINEAR PROGRAMMING
 PARAMETERIZATION
 SCHEDULING

FORMAT

RT COMPUTER PROGRAMMING
 DOCUMENTS
 EDITING
 FRAMES (DATA PROCESSING)
 PRINTOUTS
 RECORDS
 SYNTAX
 TEXTS

FORMATES

GS **FORMATES**
 CHLOROFORMATE
 NITROFORMATES
 RT FORMIC ACID
 FORMYL IONS

FORMATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED -- CONSULT THE
 TERMS LISTED BELOW)*
 RT FORMATIONS
 GROWTH
 NUCLEATION
 STRATIGRAPHY

FORMATION HEAT

USE HEAT OF FORMATION

FORMATIONS

RT CONTACTS (GEOLOGY)
 ∞ FORMATION
 FRACTURING
 GAS INJECTION
 GEOLOGICAL FAULTS
 GEOLOGY
 GEOPHYSICS
 GREAT BASIN (US)
 ∞ LAYERS
 MOUNTAINS
 OUTCROPS
 OUTLIERS (LANDFORMS)
 PALEONTOLOGY
 PERFORATING
 PERMEABILITY
 PETROLOGY
 POROSITY
 ROCKS
 SHATTER CONES
 SOILS
 STAIRSTEPS
 STRATIGRAPHY
 TERRACES (LANDFORMS)
 WETTABILITY

FORMHYDROXAMIC ACID

GS ALIPHATIC COMPOUNDS
FORMHYDROXAMIC ACID
 NITROGEN COMPOUNDS
 AMIDES
FORMHYDROXAMIC ACID

FORMIC ACID

GS ALIPHATIC COMPOUNDS
FORMIC ACID
 RT FORMATES
 FORMYL IONS

FORMICA

RT LAMINATES
 ∞ POLYMERS
 THERMOSETTING RESINS

FORMING TECHNIQUES

FORMING TECHNIQUES

SN (TECHNIQUES OF SHAPING ITEM)

UF METAL FORMING

GS FORMING TECHNIQUES

AUSFORMING
CASTING
CENTRIFUGAL CASTING
INVESTMENT CASTING
PROPELLANT CASTING
RHEOCASTING
SAND CASTING
SLIP CASTING
COLD WORKING
COLD ROLLING
ELECTROHYDRAULIC FORMING
EXPLOSIVE FORMING
ELECTROFORMING
EXTRUDING
PULTRUSION
FORGING
HOT WORKING
INJECTION MOLDING
MAGNETIC FORMING
METAL DRAWING
METAL SPINNING
HYDROSPINNING
PRESSING (FORMING)
BLANKING (CUTTING)
COINING
STAMPING
ROLL FORMING

RT ∞ BLANKING
CUTTING
DEPOSITION
ELECTROMAGNETIC HAMMERS
HOT MACHINING
LASER CUTTING
MACHINING
METAL GRINDING
METAL WORKING
SPRAYING
UPSETTING

FORMS (PAPER)

RT BLANKS
DATA ACQUISITION

∞ FORMULAS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
COMPUTATION
RT FORMULAS (MATHEMATICS)
FORMULATIONS
KRAMERS-KRONIG FORMULA

FORMULAS (MATHEMATICS)

UF EXPRESSIONS (MATHEMATICS)
GS MATHEMATICAL LOGIC
FORMULAS (MATHEMATICS)
BETHE-HEITLER FORMULA
RT ∞ FORMULAS
∞ MATHEMATICS

FORMULATIONS

RT ADMIXTURES
∞ COMPOSITION
∞ FORMULAS
INGREDIENTS
MIXTURES
PARAMETERIZATION
STOICHIOMETRY

FORMYL IONS

GS IONS
FORMYL IONS
RADICALS
FORMYL IONS
RT ATMOSPHERIC CHEMISTRY
FORMATES
FORMIC ACID
HYDROXYL RADICALS
INTERSTELLAR CHEMISTRY
INTERSTELLAR MATTER
MOLECULAR IONS
NEGATIVE IONS
POSITIVE IONS

FORSTERITE

GS MAGNESIUM COMPOUNDS
FORSTERITE
MINERALS
OLIVINE
FORSTERITE
SILICON COMPOUNDS

FORSTERITE-(CONT)

SILICATES
FORSTERITE
RT REFRACTORIES

FORTISAN (TRADEMARK)

GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
CARBOHYDRATES
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
FABRICS
FORTISAN (TRADEMARK)
FIBERS
SYNTHETIC FIBERS
FORTISAN (TRADEMARK)
RT PARACHUTE FABRICS

FORTRAN

UF FAB (PROGRAMMING LANGUAGE)
GS LANGUAGES
PROGRAMMING LANGUAGES
FORTRAN
RT COBOL
COMPILERS
COMPUTER PROGRAMMING
PL/1

FORWARD LOOKING INFRARED DETECTORS

USE FLIR DETECTORS

FORWARD SCATTERING

GS SCATTERING
FORWARD SCATTERING
RT BACKSCATTERING
INVERSE SCATTERING
LIGHT SCATTERING
NUCLEAR SCATTERING
SCATTER PROPAGATION

FOSSIL FUELS

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
LIGNITE
SOLVENT REFINED COAL
CRUDE OIL
RT CARBONACEOUS MATERIALS
UNDERWATER RESOURCES

FOSSIL METEORITE CRATERS

USE FOSSILS
METEORITE CRATERS

FOSSILS

UF FOSSIL METEORITE CRATERS
RT ARCHAEOLOGY
PALEOBIOLOGY
PALEONTOLOGY
PARTICLE TRACKS
RADIOACTIVE AGE DETERMINATION

FOSTER THEORY

RT NETWORK ANALYSIS
REACTANCE
RESONANCE
∞ THEORIES

FOULING

GS FOULING
ANTIFOULING
RT CONTAMINATION
CORROSION
DEPOSITION
ICE FORMATION
PLUGGING
RETARDING

FOUNDATIONS

UF BASES (FOUNDATIONS)
STRUCTURAL FOUNDATIONS
GS FOUNDATIONS
PILE FOUNDATIONS
RT BASEMENTS
∞ BASES
CAISSONS
CONCRETE STRUCTURES
EXCAVATION
GEOTECHNICAL ENGINEERING
OVERCONSOLIDATION

NASA THESAURUS (VOLUME 1)

FOUNDATIONS-(CONT)

∞ PAD
PAVEMENTS
SKIRTS
STRUCTURAL MEMBERS
∞ STRUCTURES
SUBSTRUCTURES
SUPPORTS
UNDERGROUND STRUCTURES

FOUNDRIES

GS INDUSTRIAL PLANTS
FOUNDRIES
RT FURNACES
∞ METALLURGY
MOLDS

FOUR BODY PROBLEM

RT CELESTIAL MECHANICS
MANY BODY PROBLEM
ORBITS
PERTURBATION
∞ PROBLEMS
THREE BODY PROBLEM

FOURIER ANALYSIS

GS ANALYSIS (MATHEMATICS)
FOURIER ANALYSIS
FOURIER SERIES
RT AUTOCORRELATION
DATA COMPRESSION
DIFFERENTIAL EQUATIONS
DIVERGENCE
EXPONENTIAL FUNCTIONS
FREQUENCY DISTRIBUTION
HARMONIC ANALYSIS
HARMONIC EXCITATION
HARMONIC FUNCTIONS
HARMONIC GENERATIONS
HARMONIC OSCILLATION
HARMONICS
INFORMATION THEORY
KURTOSIS
LINEAR TRANSFORMATIONS
MEASURE AND INTEGRATION
OPERATIONAL CALCULUS
PERIODIC FUNCTIONS
PERIODIC VARIATIONS
REAL VARIABLES
SIMPLE HARMONIC MOTION
TIME SERIES ANALYSIS

FOURIER LAW

GS LAWS
FOURIER LAW
RT THERMAL CONDUCTIVITY

FOURIER SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
FOURIER SERIES
FOURIER ANALYSIS
FOURIER SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
FOURIER SERIES
RT GIBBS PHENOMENON

FOURIER TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
FOURIER TRANSFORMATION
FUNCTIONS (MATHEMATICS)
FOURIER TRANSFORMATION
RT BBGKY HIERARCHY
HOLOGRAPHIC SPECTROSCOPY
MAXIMUM ENTROPY METHOD
WALSH FUNCTION

FOURIER-BESSEL TRANSFORMATIONS

GS ANALYSIS (MATHEMATICS)
CALCULUS
FOURIER-BESSEL
TRANSFORMATIONS
REAL VARIABLES
FOURIER-BESSEL
TRANSFORMATIONS
FUNCTIONS (MATHEMATICS)
FOURIER-BESSEL TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
FOURIER-BESSEL TRANSFORMATIONS
RT DIFFERENTIAL EQUATIONS
SERIES (MATHEMATICS)

FOVEA
 GS ANATOMY
 SENSE ORGANS
 EYE (ANATOMY)
 RETINA
 FOVEA
 RT SACCADIC EYE MOVEMENTS

FR-1 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 FRENCH SATELLITES
 FR-1 SATELLITE

FRACTALS
 GS DIMENSIONS
 FRACTALS
 GEOMETRY
 FRACTALS
 RT ∞ APPLICATIONS OF MATHEMATICS
 COORDINATES
 EXPONENTS
 HALF SPACES
 ∞ MATHEMATICS
 RATIOS
 SET THEORY
 ∞ SPACE
 STRANGE ATTRACTORS

FRACTIONATION
 GS **FRACTIONATION**
 CHEMICAL FRACTIONATION
 HYDROCRACKING
 RT REFINING
 RETORT PROCESSING
 ∞ SEPARATION
 SOLVENT REFINED COAL

FRACTIONS
 SN (EXCLUDES MATHEMATICAL CONCEPTS)
 RT ∞ COMPONENTS
 FINES
 PARTICLE SIZE DISTRIBUTION
 RATIOS

FRACTOGRAPHY
 GS PHOTOGRAPHY
 FRACTOGRAPHY
 RT BRITTLENESS
 CRACK CLOSURE
 CRACK GEOMETRY
 CRACK PROPAGATION
 DUCTILITY
 ELBER EQUATION
 FATIGUE (MATERIALS)
 FRACTURES (MATERIALS)
 ∞ METALLURGY

FRACTURE MECHANICS
 UF FAULT MECHANICS
 MOHR CIRCLES
 RT BEND TESTS
 BURST TESTS
 CAUSTICS (OPTICS)
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 ELBER EQUATION
 FINITE ELEMENT METHOD
 FRACTURING
 GRIFFITH CRACK
 HOLE GEOMETRY (MECHANICS)
 ISOPARAMETRIC FINITE ELEMENTS
 J INTEGRAL
 ∞ MECHANICS (PHYSICS)
 MICROMECHANICS
 PLANE STRAIN
 RESIDUAL STRENGTH
 ROCK MECHANICS
 RUPTURING
 SOIL MECHANICS
 STRESS INTENSITY FACTORS
 STRESS TENSORS
 TIME TEMPERATURE PARAMETER

FRACTURE RESISTANCE
 USE FRACTURE STRENGTH

FRACTURE STRENGTH
 UF FRACTURE RESISTANCE
 FRACTURE TOUGHNESS
 MECHANICAL PROPERTIES
 FRACTURE STRENGTH
 RT BEND TESTS
 BRITTLE MATERIALS

FRACTURE STRENGTH-(CONT)
 BRITTLENESS
 BURST TESTS
 CARBON-CARBON COMPOSITES
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 CREEP RUPTURE STRENGTH
 DUCTILITY
 EARTHQUAKE RESISTANCE
 EUTECTIC COMPOSITES
 HARDNESS
 J INTEGRAL
 RESIDUAL STRENGTH
 ∞ RESISTANCE
 RETIREMENT FOR CAUSE
 ∞ STRENGTH
 TOUGHNESS
 YIELD STRENGTH

FRACTURE TOUGHNESS
 USE FRACTURE STRENGTH

FRACTURES (MATERIALS)
 RT CRACKS
 DAMAGE
 DEFORMATION
 FAILURE
 FRACTOGRAPHY
 ∞ MATERIALS

FRACTURING
 GS **FRACTURING**
 CRUSTAL FRACTURES
 RT BRITTLENESS
 CHIPPING
 CRACK CLOSURE
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 CUTTING
 FLAKING
 FORMATIONS
 FRACTURE MECHANICS
 FRAGMENTATION
 FRAGMENTS
 METAL FATIGUE
 PERFORATING
 ∞ SEPARATION
 SPALLING
 SPLITTING
 STRESS FUNCTIONS
 STRUCTURAL FAILURE

FRAGMENTATION
 UF SHATTERING
 RT ACOUSTIC STREAMING
 BREAKING
 BURSTS
 CHIPPING
 COMMINUTION
 FRACTURING
 FRAGMENTS
 PENETRATION
 SABOT PROJECTILES
 SHRAPNEL
 SPALLING
 TERMINAL BALLISTICS

FRAGMENTS
 RT CHIPS
 DEBRIS
 EJECTA
 FRACTURING
 FRAGMENTATION
 SHRAPNEL

FRAME PHOTOGRAPHY
 GS PHOTOGRAPHY
 FRAME PHOTOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY
 FRAMING CAMERAS
 HIGH SPEED CAMERAS

FRAMES
 GS **FRAMES**
 AIRFRAMES
 CHASSIS
 UNDERCARRIAGES
 RT CARRIAGES
 SPRINGS (ELASTIC)
 ∞ STRUCTURES
 STRUTS
 SUPPORTS
 TRUSSES

FRAMES (DATA PROCESSING)
 RT DATA MANAGEMENT
 DATA PROCESSING
 FORMAT
 IMAGE PROCESSING

FRAMING CAMERAS
 GS OPTICAL EQUIPMENT
 CAMERAS
 HIGH SPEED CAMERAS
 FRAMING CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
 HIGH SPEED CAMERAS
 FRAMING CAMERAS
 RT FRAME PHOTOGRAPHY
 ROTATING MIRRORS

FRANCE
 GS NATIONS
 FRANCE
 FRENCH GUIANA
 GUADELOUPE
 MARTINIQUE
 RT ANDORRA
 ENGLISH CHANNEL
 EUROPE
 FRENCH SPACE PROGRAMS
 GUADELOUPE
 PYRENEES MOUNTAINS (EUROPE)
 RHONE DELTA (FRANCE)

FRANCIUM
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 FRANCIUM
 METALS
 ALKALI METALS
 FRANCIUM

FRANCK-CONDON PRINCIPLE
 RT BORN-OPPENHEIMER APPROXIMATION
 COLOR CENTERS
 CONDUCTION BANDS
 ELECTRON TRANSITIONS
 FORBIDDEN TRANSITIONS
 OPTICAL TRANSITION

FRAUNHOFER LINE DISCRIMINATORS
 GS CIRCUITS
 DISCRIMINATORS
 FRAUNHOFER LINE DISCRIMINATORS
 RT ABSORPTION SPECTRA
 LUMINESCENCE
 MEASURING INSTRUMENTS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY

FRAUNHOFER LINES
 GS SPECTRA
 ABSORPTION SPECTRA
 FRAUNHOFER LINES
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 LINE SPECTRA
 FRAUNHOFER LINES
 SPECTRAL BANDS
 FRAUNHOFER LINES
 RT ABSORPTION SPECTROSCOPY
 OPTOGALVANIC SPECTROSCOPY
 SOLAR SPECTRA

FRAUNHOFER REGION
 USE FAR FIELDS

FREDHOLM EQUATIONS
 UF FREDHOLM OPERATORS
 GS ANALYSIS (MATHEMATICS)
 FUNCTIONAL ANALYSIS
 INTEGRAL EQUATIONS
 FREDHOLM EQUATIONS
 RT ∞ EQUATIONS
 POMERANCHUK THEOREM

FREDHOLM OPERATORS
 USE FREDHOLM EQUATIONS
 OPERATORS (MATHEMATICS)

FREE ATMOSPHERE
 GS EARTH ATMOSPHERE
 FREE ATMOSPHERE
 RT BIOSPHERE
 MIDDLE ATMOSPHERE
 PRIMITIVE EARTH ATMOSPHERE

FREE BOUNDARIES

FREE BOUNDARIES

GS BOUNDARIES
FREE BOUNDARIES
 RT FLUID BOUNDARIES
 INTERFACES
 JET FLOW
 JET MIXING FLOW
 JET STREAMS (METEOROLOGY)
 LIQUID SURFACES
 LIQUID-LIQUID INTERFACES
 LIQUID-VAPOR INTERFACES

FREE CONVECTION

UF THERMAL CONVECTION
 GS CONVECTION
FREE CONVECTION
 RAYLEIGH-BENARD CONVECTION
 RT CONVECTION CURRENTS
 CONVECTIVE FLOW
 CONVECTIVE HEAT TRANSFER
 FORCED CONVECTION
 LAMINAR FLOW
 MARANGONI CONVECTION
 POROUS BOUNDARY LAYER CONTROL
 TEMPERATURE
 THERMOSIPHONS
 TURBULENT FLOW

FREE ELECTRON LASERS

GS STIMULATED EMISSION DEVICES
 LASERS
FREE ELECTRON LASERS
 RT WIGGLER MAGNETS

FREE ELECTRONS

GS CHARGE CARRIERS
FREE ELECTRONS
 RT BRILLOUIN ZONES
 CONDUCTION ELECTRONS
 ELECTRON AVALANCHE
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON GAS
 FORBIDDEN BANDS
 PLASMA FREQUENCIES
 RECOMBINATION COEFFICIENT

FREE ENERGY

GS THERMODYNAMIC PROPERTIES
FREE ENERGY
 GIBBS FREE ENERGY
 RT CHEMICAL ENERGY
 ∞ ENERGY
 ENERGY OF FORMATION
 ENTHALPY
 GIBBS-HELMHOLTZ EQUATIONS
 INTERNAL ENERGY
 ∞ LEVEL
 MOLECULAR ENERGY LEVELS
 THERMAL ENERGY
 THERMODYNAMICS

FREE FALL

RT AIR DROP OPERATIONS
 BALLISTIC TRAJECTORIES
 FALLING SPHERES
 PARACHUTE DESCENT
 WEIGHTLESSNESS

FREE FLIGHT

RT ∞ FLIGHT
 GLIDERS
 GLIDING
 HANG GLIDERS

FREE FLIGHT TEST APPARATUS

RT FLIGHT TESTS
 ∞ TEST EQUIPMENT

FREE FLOW

UF FREE STREAM EFFECTS
 FREE STREAMS
 GS FLUID FLOW
FREE FLOW
 RT VOID RATIO

FREE JETS

GS FLUID JETS
FREE JETS
 RT JET BOUNDARIES
 JET FLOW
 ∞ JETS

FREE MOLECULAR FLOW

GS FLUID FLOW

FREE MOLECULAR FLOW-(CONT)

GAS FLOW
FREE MOLECULAR FLOW
 RT CONTINUUM FLOW
 KINETIC THEORY
 KNUDSEN FLOW
 MOLECULAR BEAMS
 RAREFIED GAS DYNAMICS
 RAREFIED GASES
 SLIP FLOW
 TRANSITION FLOW

FREE OSCILLATIONS

USE FREE VIBRATION

FREE RADICALS

GS RADICALS
FREE RADICALS
 HYDROXYL RADICALS
 RT ATOMS
 CARBENES
 IONS
 NEGATIVE IONS
 OXYGEN IONS
 TRIVALENT IONS
 VINYL RADICAL

FREE STREAM EFFECTS

USE FREE FLOW

FREE STREAMS

USE FREE FLOW

FREE VIBRATION

UF FREE OSCILLATIONS
 GS VIBRATION
FREE VIBRATION
 RT FORCED VIBRATION
 LINEAR VIBRATION
 PROTON PRECESSION
 SELF EXCITATION
 SELF INDUCED VIBRATION
 VIBRATION MODE

FREE WING AIRCRAFT

RT AERODYNAMICS
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 CONTROL SURFACES

FREEDOM FIGHTER AIRCRAFT

USE F-5 AIRCRAFT

FREEZE DRYING

GS DRYING
FREEZE DRYING
 RT DEHYDRATED FOOD
 DEHYDRATION
 FREEZING
 FROZEN FOODS
 PRESERVING

FREEZING

GS PHASE TRANSFORMATIONS
FREEZING
 VIBRATIONAL FREEZING
 ZONE MELTING
 RT ANTIFREEZES
 BAY ICE
 CLOUD GLACIATION
 COLD TRAPS
 COOLING
 CRYOGENIC COOLING
 CRYSTALLIZATION
 FREEZE DRYING
 FROST
 ICE FORMATION
 ICE NUCLEI
 LOW TEMPERATURE
 MELTING
 PRESERVING
 PRESSURE ICE
 REFRIGERATING
 SEA ICE
 SOLIDIFICATION
 SOLIDIFIED GASES

FREEZING POINTS

USE MELTING POINTS

FREIGHT

USE CARGO

NASA THESAURUS (VOLUME 1)

FREIGHT COSTS

GS COSTS
FREIGHT COSTS
 RT CARGO
 FREIGHTERS
 TRANSPORTATION

FREIGHTERS

RT FREIGHT COSTS
 HARBORS
 TRANSPORTATION
 WHARVES

FRENCH EQUATORIAL CONGO

USE CONGO (BRAZZAVILLE)

FRENCH GUIANA

GS NATIONS
 FRANCE
FRENCH GUIANA
 RT CARIBBEAN REGION
 SOUTH AMERICA

FRENCH SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
FRENCH SATELLITES
 D-1 SATELLITE
 D-2 SATELLITES
 EOLE SATELLITES
 FR-1 SATELLITE
 GEOLE SATELLITES
 PEOLE SATELLITES
 POSEIDON SATELLITE
 SPOT (FRENCH SATELLITE)
 SRET SATELLITES
 SRET 1 SATELLITE
 SRET 2 SATELLITE
 RT EUROPEAN SPACE PROGRAMS
 METEOSAT SATELLITE
 SYMPHONIE SATELLITES

FRENCH SPACE PROGRAMS

GS PROGRAMS
 SPACE PROGRAMS
FRENCH SPACE PROGRAMS
 RT EOLE SATELLITES
 EUROPEAN SPACE PROGRAMS
 FRANCE
 GEOLE SATELLITES
 HERMES MANNED SPACEPLANE
 INTERNATIONAL COOPERATION
 METEOSAT SATELLITE
 ∞ RESEARCH PROJECTS
 SPACE EXPLORATION
 SPACE MISSIONS
 ∞ SPACECRAFT
 SRET SATELLITES
 SRET 1 SATELLITE

FRENKEL DEFECTS

GS DEFECTS
 CRYSTAL DEFECTS
 POINT DEFECTS
 VACANCIES (CRYSTAL DEFECTS)
FRENKEL DEFECTS

FREON

RT AIR CONDITIONING
 COOLANTS
 COOLING
 COOLING SYSTEMS
 FLUOROHYDROCARBONS
 GAS COOLING
 REFRIGERANTS
 REFRIGERATING

FREQUENCIES

UF FREQUENCY BANDS
 GS **FREQUENCIES**
 AUDIO FREQUENCIES
 QUEFRENCIES
 BEAT FREQUENCIES
 BROADBAND
 BRUNT-VAISALA FREQUENCY
 CARRIER FREQUENCIES
 CRITICAL FREQUENCIES
 CYCLOTRON FREQUENCY
 EXTREMELY LOW FREQUENCIES
 INFRASONIC FREQUENCIES
 INTERMEDIATE FREQUENCIES
 IONIZATION FREQUENCIES
 MAXIMUM USABLE FREQUENCY
 NYQUIST FREQUENCIES
 PLASMA FREQUENCIES

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FREQUENCIES-(CONT)

RADIO FREQUENCIES
EXTREMELY LOW RADIO
FREQUENCIES
HIGH FREQUENCIES
LOW FREQUENCIES
SUBAUDIBLE FREQUENCIES
VERY LOW FREQUENCIES
LOW FREQUENCY BANDS
VERY LOW FREQUENCIES
MICROWAVE FREQUENCIES
C BAND
EXTREMELY HIGH FREQUENCIES
P BAND
SUPERHIGH FREQUENCIES
ULTRAHIGH FREQUENCIES
P BAND
VERY HIGH FREQUENCIES
P BAND
RESONANT FREQUENCIES
SWEEP FREQUENCY
RT AEOLIAN TONES
AMPLITUDES
∞ BANDS
BANDWIDTH
BROADBAND AMPLIFIERS
CHANNEL CAPACITY
∞ CHANNELS
FREQUENCY DISTRIBUTION
FREQUENCY RANGES
FREQUENCY REUSE
HARMONICS
LINE SPECTRA
LONGITUDINAL WAVES
MICROCHANNELS
MILLIMETER WAVES
NARROWBAND
∞ PITCH
RADIO WAVES
SPECTRAL BANDS
STANDING WAVES
SUBMILLIMETER WAVES
SUPERHARMONICS

FREQUENCY ANALYZERS

RT HARMONIC ANALYSIS
INTERMODULATION
OSCILLOSCOPES
SELECTIVE FADING
SIGNAL ANALYSIS
SPECTRUM ANALYSIS
SWEEP FREQUENCY
∞ TEST EQUIPMENT
VIBRATION MEASUREMENT

FREQUENCY ASSIGNMENT

RT COMMUNICATING
FREQUENCY REUSE
MAXIMUM USABLE FREQUENCY
ORBIT SPECTRUM UTILIZATION

FREQUENCY BANDS

USE FREQUENCIES

FREQUENCY COMPRESSION DEMODULATORS

GS DEMODULATORS
FREQUENCY COMPRESSION
DEMODULATORS

FREQUENCY CONTROL

UF FREQUENCY REGULATION
GS REGULATORS
FREQUENCY CONTROL
RT AUTODYNES
∞ CONTROL
CRYSTAL OSCILLATORS
QUARTZ CRYSTALS
SIGNAL STABILIZATION

FREQUENCY CONVERSION

USE FREQUENCY CONVERTERS

FREQUENCY CONVERTERS

UF FREQUENCY CONVERSION
FREQUENCY TRANSLATION
GS FREQUENCY CONVERTERS
DOWN-CONVERTERS
FREQUENCY DIVIDERS
FREQUENCY MULTIPLIERS
FREQUENCY SYNTHESIZERS
PARAMETRIC FREQUENCY
CONVERTERS
UP-CONVERTERS
RT ∞ CONVERSION
∞ CONVERTERS

FREQUENCY CONVERTERS-(CONT)

HARMONIC GENERATORS
MIXING CIRCUITS
PARAMETRIC AMPLIFIERS
PULSE WIDTH AMPLITUDE CONVERTERS

FREQUENCY DISCRIMINATORS

GS CIRCUITS
DISCRIMINATORS
FREQUENCY DISCRIMINATORS

FREQUENCY DISTRIBUTION

SN (OF CYCLIC VARIATIONS)
GS DISTRIBUTION (PROPERTY)
FREQUENCY DISTRIBUTION
KURTOSIS
RT CYCLES
FOURIER ANALYSIS
FREQUENCIES
SUBAUDIBLE FREQUENCIES

FREQUENCY DIVIDERS

GS FREQUENCY CONVERTERS
FREQUENCY DIVIDERS
RT DOWN-CONVERTERS

FREQUENCY DIVISION MULTIPLE ACCESS

UF FDMA
GS TELECOMMUNICATION
MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
RT ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
CODE DIVISION MULTIPLEXING
MULTIPLEXING
RADIO COMMUNICATION
TELECOMMUNICATION
TIME DIVISION MULTIPLE ACCESS

FREQUENCY DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
RT CARRIER FREQUENCIES
COMMUNICATION NETWORKS
DATA TRANSMISSION
DEMULTIPLEXING
MULTIPLE ACCESS
PULSE COMMUNICATION
RADIO COMMUNICATION
SATELLITE TRANSMISSION
TELECOMMUNICATION
TIME DIVISION MULTIPLEXING
WAVELENGTH DIVISION MULTIPLEXING

FREQUENCY HOPPING

RT FREQUENCY REUSE
FREQUENCY SHIFT KEYING
JAMMING
SPREAD SPECTRUM TRANSMISSION
TRANSMISSION EFFICIENCY

FREQUENCY MEASUREMENT

RT ACOUSTIC MEASUREMENT
∞ MEASUREMENT
TIME MEASUREMENT
VIBRATION MEASUREMENT

FREQUENCY MODULATION

GS MODULATION
FREQUENCY MODULATION
FEEDBACK FREQUENCY MODULATION
FM/PM (MODULATION)
FREQUENCY SHIFT KEYING
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
RT AMPLITUDE MODULATION
AUTOMATIC FREQUENCY CONTROL
CAPTURE EFFECT
CARRIER TO NOISE RATIOS
COMPANDING
DEMODULATION
DEMODULATORS
INTERMODULATION
LIGHT MODULATION
LINE OF SIGHT COMMUNICATION
MODULATORS

FREQUENCY SHIFT KEYING

FREQUENCY MODULATION-(CONT)

PHASE MODULATION
PULSE MODULATION
VOCODERS
VOLTAGE CONTROLLED OSCILLATORS

FREQUENCY MODULATION PHOTOMULTIPLIERS

GS AMPLIFIERS
CURRENT AMPLIFIERS
PHOTOMULTIPLIER TUBES
FREQUENCY MODULATION
PHOTOMULTIPLIERS
RT CATHODES

FREQUENCY MULTIPLIERS

GS FREQUENCY CONVERTERS
FREQUENCY MULTIPLIERS
RT PHASE MATCHING

FREQUENCY RANGES

GS RANGE (EXTREMES)
FREQUENCY RANGES
OCTAVES
RADIO RANGE
SUBAUDIBLE FREQUENCIES
RT BANDWIDTH
FREQUENCIES
∞ FREQUENCY RESPONSE
FREQUENCY REUSE

FREQUENCY REGULATION

USE FREQUENCY CONTROL

∞ FREQUENCY RESPONSE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACUITY
BROADBAND
DISTRIBUTED AMPLIFIERS
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
EQUALIZERS (CIRCUITS)
FREQUENCY RANGES
LINEAR FILTERS
LINEAR RECEIVERS
LOG PERIODIC ANTENNAS
LOGARITHMIC RECEIVERS
PERCEPTION
PULSE REPETITION RATE
RAMP FUNCTIONS
RESPONSES
SENSITIVITY
SMEAR
SPECTRAL SENSITIVITY
STEP FUNCTIONS
STROKING TESTS
THRESHOLDS (PERCEPTION)

FREQUENCY REUSE

RT DATA LINKS
DOWNLINKING
FREQUENCIES
FREQUENCY ASSIGNMENT
FREQUENCY HOPPING
FREQUENCY RANGES
MAXIMUM USABLE FREQUENCY
MICROWAVE TRANSMISSION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
UPLINKING

FREQUENCY SCANNING

GS SCANNING
FREQUENCY SCANNING
RT PANORAMIC SCANNING
RADAR SCANNING
SPECTRUM ANALYSIS
SWEEP CIRCUITS
SWEEP FREQUENCY

FREQUENCY SHIFT

RT BRILLOUIN EFFECT
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
GYROTROPISM
∞ SHIFT

FREQUENCY SHIFT KEYING

GS KEYING
FREQUENCY SHIFT KEYING
MODULATION
FREQUENCY MODULATION
FREQUENCY SHIFT KEYING

FREQUENCY STABILITY

FREQUENCY SHIFT KEYING-(*CONT*)

RT FREQUENCY HOPPING
RADIO TRANSMISSION

FREQUENCY STABILITY

UF ACOUSTIC STABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
FREQUENCY STABILITY
STABILITY
DYNAMIC STABILITY
FREQUENCY STABILITY
RT CRYSTAL OSCILLATORS
LASER STABILITY
OSCILLATORS
QUARTZ CRYSTALS
STABLE OSCILLATIONS
VOLTAGE CONTROLLED OSCILLATORS

FREQUENCY STANDARDS

GS STANDARDS
FREQUENCY STANDARDS
RT ATOMIC CLOCKS
GAS MASERS
ION STORAGE
MASERS
RESONATORS
TIME SIGNALS

FREQUENCY SYNCHRONIZATION

GS SYNCHRONISM
FREQUENCY SYNCHRONIZATION
RT BIT SYNCHRONIZATION
CAPTURE EFFECT
HOMODYNE RECEPTION
SWEEP FREQUENCY
SYNCHRONIZED OSCILLATORS
SYNTONY

FREQUENCY SYNTHESIZERS

GS FREQUENCY CONVERTERS
FREQUENCY SYNTHESIZERS
SIGNAL GENERATORS
FREQUENCY SYNTHESIZERS
RT MIXING CIRCUITS
OSCILLATORS
SYNTHESIZERS

FREQUENCY TRANSLATION

USE FREQUENCY CONVERTERS

FRESH WATER

GS WATER
FRESH WATER
RT AGRISTARS PROJECT
AQUIFERS
GROUND WATER
LIMNOLOGY
POTABLE WATER
RESERVOIRS
SPRINGS (WATER)

FRESNEL DIFFRACTION

GS DIFFRACTION
FRESNEL DIFFRACTION
RT GRATINGS (SPECTRA)
INTERFEROMETRY

FRESNEL INTEGRALS

UF FRESNEL-KIRCHHOFF INTEGRALS
GS FUNCTIONS (MATHEMATICS)
FRESNEL INTEGRALS
RT DIFFRACTION PATTERNS
TRIGONOMETRIC FUNCTIONS
WAVE DIFFRACTION

FRESNEL LENSES

GS LENSES
FRESNEL LENSES
RT FOCUSING
 ∞ OPTICS

FRESNEL REFLECTORS

GS MIRRORS
FRESNEL REFLECTORS
REFLECTORS
FRESNEL REFLECTORS
RT INTERFEROMETRY
SLITS

FRESNEL REGION

GS REGIONS
FRESNEL REGION
RT ANTENNA RADIATION PATTERNS

FRESNEL REGION-(*CONT*)

DIFFRACTION PATTERNS
FAR FIELDS

FRESNEL-KIRCHHOFF INTEGRALS

USE FRESNEL INTEGRALS

FRETTING

RT EROSION
FATIGUE (MATERIALS)
TRIBOLOGY
WEAR TESTS

FRETTING CORROSION

GS CORROSION
FRETTING CORROSION
RT FATIGUE (MATERIALS)
STRESS CORROSION
WEAR

FRICTION

GS FRICTION
AERODYNAMIC DRAG
SUPERSONIC DRAG
DRY FRICTION
FLOW RESISTANCE
FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
INTERNAL FRICTION
KINETIC FRICTION
SLIDING FRICTION
SKIN FRICTION
FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
STATIC FRICTION
RT ABRASION
COEFFICIENT OF FRICTION
DRAG
DRAG REDUCTION
ENERGY DISSIPATION
FLUID FLOW
MECHANICAL IMPEDANCE
 ∞ PRESSURE DROP
SCORING
SURFACE PROPERTIES
SURFACE ROUGHNESS
TRACTION
TRIBOLOGY
TRIBOLUMINESCENCE
WEAR
WEAR TESTS
WHEEL BRAKES

FRICTION COEFFICIENT

USE COEFFICIENT OF FRICTION

FRICTION DRAG

UF NONEQUILIBRIUM DRAG
GS DYNAMIC CHARACTERISTICS
DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
VISCOUS DRAG
FRICTION
FLOW RESISTANCE
FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
SKIN FRICTION
FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
RT MINIMUM DRAG
PRESSURE DRAG
SATELLITE DRAG
SURFACE ROUGHNESS EFFECTS
WAVE DRAG

FRICTION FACTOR

UF FRICTION LOSS COEFFICIENT
RT COEFFICIENT OF FRICTION
PRESSURE GRADIENTS
SKIN FRICTION

FRICTION LOSS COEFFICIENT

USE FRICTION FACTOR

FRICTION MEASUREMENT

GS MECHANICAL MEASUREMENT
FRICTION MEASUREMENT
RT ELASTOHYDRODYNAMICS

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FRICTION MEASUREMENT-(*CONT*)

KINETIC FRICTION
 ∞ MEASUREMENT
STATIC FRICTION

FRICTION PRESSURE DROP

USE SKIN FRICTION

FRICTION REDUCTION

RT ANTIFRICTION BEARINGS
COEFFICIENT OF FRICTION
LUBRICATION
 ∞ REDUCTION
STREAMLINING

FRICTION WELDING

GS WELDING
FRICTION WELDING
RT PRESSURE WELDING

FRICTIONLESS ENVIRONMENTS

GS ENVIRONMENTS
FRICTIONLESS ENVIRONMENTS
RT DEEP SPACE
LEVITATION

FRIEDEL-CRAFT REACTION

GS CHEMICAL REACTIONS
FRIEDEL-CRAFT REACTION
RT ACYLATION
ALKYLATION

FRIENDSHIP 7

GS MANNED SPACECRAFT
MERCURY SPACECRAFT
FRIENDSHIP 7
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
MERCURY SPACECRAFT
FRIENDSHIP 7
SOFT LANDING SPACECRAFT
MERCURY SPACECRAFT
FRIENDSHIP 7
SPACE CAPSULES
MERCURY SPACECRAFT
FRIENDSHIP 7
RT MERCURY MA-6 FLIGHT

FRINGE MULTIPLICATION

RT DIFFRACTION PATTERNS
INTERFERENCE GRATING
MOIRE EFFECTS
MOIRE FRINGES
MULTIPLICATION
PHOTOELASTIC ANALYSIS
STRESS ANALYSIS
STRESS CONCENTRATION

FRINGE PATTERNS

USE DIFFRACTION PATTERNS

FRIT

RT CERAMICS
FUSION (MELTING)
GLAZES
VITREOUS MATERIALS

FROGS

GS ANIMALS
POIKILOthermia
AMPHIBIA
FROGS
VERTEBRATES
AMPHIBIA
FROGS

FRONTAL AREAS (METEOROLOGY)

USE FRONTS (METEOROLOGY)

FRONTAL WAVES

RT OCEAN CURRENTS
OCEANOGRAPHY
TSUNAMI WAVES
WATER WAVES
 ∞ WAVES

∞ FRONTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COLD FRONTS
FRONTS (METEOROLOGY)
SHOCK FRONTS
WARM FRONTS

FRONTS-(CONT)

WAVE FRONTS

FRONTS (METEOROLOGY)

- UF FRONTAL AREAS (METEOROLOGY)
- WEATHER FRONTS
- GS **FRONTS (METEOROLOGY)**
 - COLD FRONTS
 - WARM FRONTS
- RT AIR MASSES
 - ∞FRONTS
 - INTERTROPICAL CONVERGENT ZONES
 - MARINE METEOROLOGY
 - METEOROLOGICAL PARAMETERS
 - METEOROLOGY
 - STORMS
 - SYNOPTIC METEOROLOGY
 - THUNDERSTORMS
 - TORNADOES

FROST

- RT BAY ICE
- DEW
- FREEZING
- ICE
- LOW TEMPERATURE

FROST DAMAGE

- GS DAMAGE
 - FROST DAMAGE**
- RT COLD WEATHER
 - ∞CROPS
 - FARM CROPS
 - FRUITS
 - LOW TEMPERATURE
 - ORCHARDS
 - PLANTS (BOTANY)

FROSTBITE

- GS INJURIES
 - FROSTBITE**
- RT COLD TOLERANCE

FROUDE NUMBER

- GS RATIOS
 - DIMENSIONLESS NUMBERS
 - FROUDE NUMBER**
- RT FLUID FLOW
 - INERTIA
 - KINETIC ENERGY
 - POTENTIAL ENERGY
 - REYNOLDS NUMBER
 - STROUHAL NUMBER

FROZEN EQUILIBRIUM FLOW

- GS FLUID FLOW
 - GAS FLOW
 - EQUILIBRIUM FLOW
 - FROZEN EQUILIBRIUM FLOW**
- RT SHIFTING EQUILIBRIUM FLOW

FROZEN FOODS

- RT ∞FOOD
 - FOOD PROCESSING
 - FREEZE DRYING
 - PRESERVING
 - REFRIGERATING

FROZEN SOILS

- USE PERMAFROST

FRUITS

- GS FARM CROPS
 - FRUITS**
- RT AGRICULTURE
 - BOLLWORMS
 - BOTANY
 - ∞FOOD
 - FROST DAMAGE
 - ORCHARDS

FRUSTRATION

- RT EMOTIONAL FACTORS
 - EMOTIONS
 - HANDICAPS
 - ∞INHIBITION
 - LETHARGY
 - PSYCHOLOGICAL EFFECTS
 - PSYCHOLOGY

FRUSTUMS

- RT CONES
- GEOMETRY
- PYRAMIDS

FRUSTUMS-(CONT)

VOLUME

FUEL CAPSULES

- RT ∞CAPSULES
 - NUCLEAR FUELS
 - PELLETS
 - SPENT FUELS

FUEL CELL CATALYSTS

- USE ELECTROCATALYSTS

FUEL CELL POWER PLANTS

- GS ELECTRIC POWER PLANTS
 - FUEL CELL POWER PLANTS**
- RT COAL GASIFICATION
- ENERGY TECHNOLOGY
- FUEL CELLS

FUEL CELLS

- SN (EXCLUDES BATTERIES)
- GS ELECTRIC GENERATORS
 - DIRECT POWER GENERATORS
 - FUEL CELLS**
 - BIOCHEMICAL FUEL CELLS
 - HYDROGEN OXYGEN FUEL CELLS
 - PHOSPHORIC ACID FUEL CELLS
 - REGENERATIVE FUEL CELLS
 - ELECTROCHEMICAL CELLS
 - FUEL CELLS**
 - BIOCHEMICAL FUEL CELLS
 - HYDROGEN OXYGEN FUEL CELLS
 - PHOSPHORIC ACID FUEL CELLS
 - REGENERATIVE FUEL CELLS
- RT ∞CELLS
 - CHEMICAL AUXILIARY POWER UNITS
 - ∞ELECTRIC CELLS
 - ELECTROCATALYSTS
 - ELECTROCHEMISTRY
 - ELECTROLYTES
 - ENERGY CONVERSION EFFICIENCY
 - ENERGY STORAGE
 - FUEL CELL POWER PLANTS
 - HYDROGEN FUELS
 - HYDROGEN BASED ENERGY
 - ION EXCHANGE MEMBRANE
 - ELECTROLYTES
 - MAGNETOHYDRODYNAMIC GENERATORS
 - SOLAR CELLS
 - SOLAR GENERATORS
 - THERMIONIC CONVERTERS
 - THERMOELECTRIC GENERATORS
 - WET CELLS

FUEL COMBUSTION

- GS COMBUSTION
 - FUEL COMBUSTION**
 - NUCLEAR FUEL BURNUP
- RT COMBUSTION EFFICIENCY
- COMBUSTION STABILITY
- EROSIVE BURNING
- HYDROCARBON COMBUSTION
- HYPERSONIC COMBUSTION
- IGNITION
- METAL COMBUSTION
- OXIDATION
- PROPELLANT COMBUSTION
- SOLID PROPELLANT COMBUSTION
- SPONTANEOUS COMBUSTION
- SUPERSONIC COMBUSTION

FUEL CONSUMPTION

- GS CONSUMPTION
 - FUEL CONSUMPTION**
- RT BURNING RATE
- COMBUSTION EFFICIENCY
- ENERGY CONSUMPTION
- ENERGY REQUIREMENTS
- ENGINES
- INTERNAL COMBUSTION ENGINES
- REFUELING

FUEL CONTAMINATION

- GS CONTAMINATION
 - FUEL CONTAMINATION**
- RT ANTICING ADDITIVES
- CONTAMINANTS
- REFUELING

FUEL CONTROL

- RT COMBUSTION CONTROL
 - ∞CONTROL
 - ENGINE CONTROL
 - FLUID MANAGEMENT
 - LIQUID SLOSHING

FUEL CONTROL-(CONT)

- PROPELLANT TRANSFER
- REFUELING
- ROCKET ENGINE CONTROL
- TURBOJET ENGINE CONTROL

FUEL CORROSION

- GS CORROSION
 - FUEL CORROSION**
- RT PROPELLANT DECOMPOSITION
- PROPELLANT STORABILITY

FUEL ELEMENTS (NUCLEAR REACTORS)

- USE NUCLEAR FUEL ELEMENTS

FUEL FLOW

- GS FLUID FLOW
 - FUEL FLOW**
- RT PROPELLANT TRANSFER
- COMBUSTIBLE FLOW
- DUCTED FLOW
- PARTICLE LADEN JETS

FUEL FLOW REGULATORS

- GS REGULATORS
 - FLOW REGULATORS
 - FUEL FLOW REGULATORS**

FUEL GAGES

- GS MEASURING INSTRUMENTS
 - FUEL GAGES**
- RT CAPACITIVE FUEL GAGES
- FLOWMETERS

FUEL INJECTION

- UF INJECTION CARBURETORS
- GS INJECTION
 - FUEL INJECTION**
- RT BURNERS
- CARBURETORS
- FLUID INJECTION
- GAS INJECTION
- INJECTORS
- INTERNAL COMBUSTION ENGINES
- JET ENGINES
- JET MIXING FLOW
- ∞JET NOZZLES
- LIQUID INJECTION
- PISTON ENGINES
- PROPELLANT SPRAYS
- SPRAY NOZZLES

FUEL OILS

- GS FUELS
 - CLEAN FUELS
 - FUEL OILS**
- RT ENERGY POLICY
- KEROGEN
- KEROSENE
- SHALE OIL
- SOLVENT REFINED COAL

FUEL PRODUCTION

- RT CHEMICAL FUELS
- COMPOSITE PROPELLANTS
- CRUDE OIL
- FISSION
- ∞FUSION
- HYDROCARBON FUELS
- HYDROGEN FUELS
- LIQUID FUELS
- NUCLEAR FUELS
- ∞PRODUCTION

FUEL PUMPS

- GS PUMPS
 - FUEL PUMPS**
- RT AIRCRAFT FUEL SYSTEMS
- AXIAL FLOW PUMPS
- CENTRIFUGAL PUMPS
- ELECTROMAGNETIC PUMPS
- INTERNAL COMBUSTION ENGINES
- JET ENGINES
- JET PUMPS
- MATERIALS HANDLING
- TURBINE PUMPS

FUEL SPRAYS

- RT LIQUID INJECTION
- PROPELLANT SPRAYS
- SPRAYERS

FUEL SYSTEMS

FUEL SYSTEMS

GS **FUEL SYSTEMS**
 AIRCRAFT FUEL SYSTEMS
 RT ACCUMULATORS
 AUTOMOBILES
 BUNKERS (FUEL)
 CARBURETORS
 CHOKES (FUEL SYSTEMS)
 ENGINES
 FEEDERS
 FUELS
 INJECTORS
 INLET TEMPERATURE
 INTAKE SYSTEMS
 INTERNAL COMBUSTION ENGINES
 MANIFOLDS
 PLENUM CHAMBERS
 PROPELLANT TRANSFER
 REFUELING
 SELF SEALING
 SPRAY NOZZLES
 ∞ SYSTEMS

FUEL TANK PRESSURIZATION

GS PRESSURIZING
FUEL TANK PRESSURIZATION
 RT AIRCRAFT FUEL SYSTEMS
 EXHAUST SYSTEMS
 EXPULSION BLADDERS
 LIQUID ROCKET PROPELLANTS
 PRESSURE
 PRESSURE REGULATORS
 PRESSURE VESSELS
 PROPELLANT STORAGE
 PROPELLANT TANKS
 PROPULSION
 RELIEF VALVES
 ULLAGE
 VAPOR PRESSURE

FUEL TANKS

GS TANKS (CONTAINERS)
FUEL TANKS
 WING TANKS
 RT AIRCRAFT FUEL SYSTEMS
 ∞ CONTAINERS
 CORROSION PREVENTION
 CRYOGENIC FLUID STORAGE
 CYLINDRICAL TANKS
 EXPULSION BLADDERS
 EXTERNAL TANKS
 FEED SYSTEMS
 FUELS
 HEATING EQUIPMENT
 LIQUID SLOSHING
 PODS (EXTERNAL STORES)
 PRESSURE VESSELS
 PROPELLANT STORAGE
 PROPELLANT TANKS
 PROPELLANTS
 PROPULSION
 PROTUBERANCES
 SPACECRAFT STRUCTURES
 SPHERICAL TANKS
 STORAGE TANKS
 TANKER AIRCRAFT
 ULLAGE

FUEL TESTS

GS **FUEL TESTS**
 REACTOR STARTUP TESTS
 RT CHEMICAL ANALYSIS
 CORROSION TESTS
 ENGINE TESTS
 ∞ MATERIALS TESTS
 MISSILE TESTS
 PROPELLANT TESTS
 STABILITY TESTS
 TEST FIRING
 ∞ TESTS

FUEL VALVES

GS VALVES
FUEL VALVES
 RT AIRCRAFT FUEL SYSTEMS
 GAS VALVES
 RELIEF VALVES

FUEL-AIR RATIO

GS RATIOS
FUEL-AIR RATIO
 RT BURNING RATE
 COMBUSTION EFFICIENCY
 COMPRESSION RATIO
 GAS MIXTURES

FUEL-AIR RATIO-(CONT)

IGNITION LIMITS
 PREMIXING
 PRESSURE RATIO
 VOLUMETRIC EFFICIENCY

FUELING

USE REFUELING

FUELS

GS **FUELS**
 ACTIVATED CARBON
 CHARCOAL
 CHEMICAL FUELS
 ENDOTHERMIC FUELS
 HIGH ENERGY FUELS
 HYDROCARBON FUELS
 DIESEL FUELS
 GASOLINE
 JET ENGINE FUELS
 JP-4 JET FUEL
 JP-5 JET FUEL
 JP-6 JET FUEL
 JP-8 JET FUEL
 RP-1 ROCKET PROPELLANTS
 SYNTHANE
 LIQUID FUELS
 AIRCRAFT FUELS
 AUTOMOBILE FUELS
 DIESEL FUELS
 GASOLINE
 HYDROGEN FUELS
 JET ENGINE FUELS
 JP-4 JET FUEL
 JP-5 JET FUEL
 JP-6 JET FUEL
 JP-8 JET FUEL
 KEROSENE
 METAL FUELS
 SYNTHETIC FUELS
 GASOHOL (FUEL)
 SYNTHANE
 CLEAN FUELS
 FUEL OILS
 COKE
 FISSILE FUELS
 GASEOUS FUELS
 LIQUEFIED NATURAL GAS
 NUCLEAR FUELS
 CERAMIC NUCLEAR FUELS
 FISSION
 SPENT FUELS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET
 PROPELLANTS
 METAL PROPELLANTS
 RT BIOCONVERSION
 BURNING RATE
 DOUBLE BASE PROPELLANTS
 ENERGY POLICY
 ENERGY STORAGE
 FLAMES
 FUEL SYSTEMS
 FUEL TANKS
 GASES
 HYDROGEN
 HYDROGEN PRODUCTION
 KEROGEN
 LIQUID AMMONIA
 LIQUID HYDROGEN
 NUCLEAR FUEL ELEMENTS
 OILS
 OPERATING COSTS
 OXIDIZERS
 PREMIXING
 PROPELLANTS
 ROCKET PROPELLANTS
 SHALE OIL
 TRANSPORTATION ENERGY

FUJITA METHOD

RT COORDINATES
 ∞ METHODOLOGY
 ∞ TRANSFORMATIONS
 TRANSFORMATIONS (MATHEMATICS)

FULL SCALE TESTS

RT ALTITUDE TESTS
 ENGINE TESTS
 FLIGHT TESTS
 GROUND TESTS
 HIGH ALTITUDE TESTS
 ∞ TESTS

NASA THESAURUS (VOLUME 1)

FULMINATES

GS ESTERS
 ISOCYANATES
FULMINATES
 NITROGEN COMPOUNDS
 CYANO COMPOUNDS
 ISOCYANATES
FULMINATES
 RT DETONATORS
 EXPLOSIVES
 PROPELLANTS

FUMES

RT AEROSOLS
 DISPERSIONS
 DUST
 EXHAUST GASES
 FIRE DAMAGE
 GAS MIXTURES
 GASES
 HAZE DETECTION
 REACTION PRODUCTS
 SMOKE
 SMOKE DETECTORS
 VAPORS
 WASTES

FUMIGATION

RT ANTISEPTICS
 BACTERICIDES
 SPRAYING
 STERILIZATION

FUNCTION GENERATORS

GS SIGNAL GENERATORS
FUNCTION GENERATORS
 RT ∞ GENERATORS
 PULSE GENERATORS
 VOLTAGE GENERATORS
 WAVE GENERATION

FUNCTION SPACE

GS ANALYSIS (MATHEMATICS)
FUNCTION SPACE
 HILBERT SPACE
 BANACH SPACE
 SOBOLEV SPACE
 RT FIBERS (MATHEMATICS)
 FIELD THEORY (PHYSICS)
 FUNCTIONS (MATHEMATICS)
 ORTHOGONAL FUNCTIONS
 QUANTUM MECHANICS
 SERIES (MATHEMATICS)
 ∞ SPACE
 STATISTICAL MECHANICS
 VECTORS (MATHEMATICS)

FUNCTIONAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
 HARMONIC ANALYSIS
 TESSERAL HARMONICS
 ZONAL HARMONICS
 HILBERT SPACE
 BANACH SPACE
 SOBOLEV SPACE
 INTEGRAL EQUATIONS
 FREDHOLM EQUATIONS
 J INTEGRAL
 SINGULAR INTEGRAL EQUATIONS
 VOLTERRA EQUATIONS
 WIENER HOPF EQUATIONS
 INTEGRAL TRANSFORMATIONS
 CONVOLUTION INTEGRALS
 FOURIER TRANSFORMATION
 HILBERT TRANSFORMATION
 LAPLACE TRANSFORMATION
 RT COMPLEX VARIABLES
 FORM FACTORS
 FUNCTIONS (MATHEMATICS)
 SERIES (MATHEMATICS)
 WALSH FUNCTION

FUNCTIONAL DESIGN SPECIFICATIONS

GS SPECIFICATIONS
FUNCTIONAL DESIGN SPECIFICATIONS
 RT AERONAUTICAL ENGINEERING
 ∞ DESIGN
 EQUIPMENT SPECIFICATIONS
 MISSILE DESIGN
 PRODUCT DEVELOPMENT
 SYSTEMS ENGINEERING

FUNCTIONAL INTEGRATION

GS ANALYSIS (MATHEMATICS)

NASA THESAURUS (VOLUME 1)

FUSES (ORDNANCE)

FUNCTIONAL INTEGRATION-(CONT)

REAL VARIABLES
MEASURE AND INTEGRATION
FUNCTIONAL INTEGRATION
RT ANALOG COMPUTERS
DIFFERENTIAL EQUATIONS
DIGITAL INTEGRATORS
PARTIAL DIFFERENTIAL EQUATIONS

FUNCTIONALS

RT ∞ FUNCTIONS
FUNCTIONS (MATHEMATICS)
INTEGRALS

∞ FUNCTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT CONTRALATERAL FUNCTIONS
FUNCTIONALS
FUNCTIONS (MATHEMATICS)
MUSCULAR FUNCTION
PARENTERAL FUNCTIONS
PENALTY FUNCTION
PULMONARY FUNCTIONS
RENAL FUNCTION
SCATTERING FUNCTIONS
WORK FUNCTIONS

FUNCTIONS (MATHEMATICS)

GS **FUNCTIONS (MATHEMATICS)**
ABEL FUNCTION
AIRY FUNCTION
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS
APERIODIC FUNCTIONS
ASYMPTOTES
BOOLEAN FUNCTIONS
COMPOSITE FUNCTIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DELTA FUNCTION
DISCRETE FUNCTIONS
DISCRIMINANT ANALYSIS (STATISTICS)
DISTRIBUTION FUNCTIONS
DISTURBING FUNCTIONS
ERROR FUNCTIONS
FOURIER TRANSFORMATION
FOURIER-BESSEL TRANSFORMATIONS
FRESNEL INTEGRALS
GAMMA FUNCTION
GREEN'S FUNCTIONS
HAMILTONIAN FUNCTIONS
HANKEL FUNCTIONS
HARMONIC FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERGEOMETRIC FUNCTIONS
KERNEL FUNCTIONS
LAGUERRE FUNCTIONS
LAME FUNCTIONS
LAPLACE TRANSFORMATION
LEGENDRE FUNCTIONS
LIAPUNOV FUNCTIONS
LINEAR TRANSFORMATIONS
LORENTZ TRANSFORMATIONS
MATHIEU FUNCTION
MAXWELL-BOLTZMANN DENSITY FUNCTION
MELLIN TRANSFORMS
MEROMORPHIC FUNCTIONS
ELLIPTIC FUNCTIONS
RATIONAL FUNCTIONS
MONOTONE FUNCTIONS
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
ORTHONORMAL FUNCTIONS
PENALTY FUNCTION
POINT SPREAD FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
WEIBULL DENSITY FUNCTIONS
PROBABILITY DISTRIBUTION FUNCTIONS
RAMP FUNCTIONS
RECURSIVE FUNCTIONS
SCHWARZ-CHRISTOFFEL TRANSFORMATION
SPACE-TIME FUNCTIONS
SPHERICAL HARMONICS
SPINE FUNCTIONS
STEP FUNCTIONS
STRESS FUNCTIONS

FUNCTIONS (MATHEMATICS)-(CONT)

TIME FUNCTIONS
TRANSCENDENTAL FUNCTIONS
EXPONENTIAL FUNCTIONS
LOGARITHMS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS
TRANSFER FUNCTIONS
MODULATION TRANSFER FUNCTION
OPTICAL TRANSFER FUNCTION
WEIGHTING FUNCTIONS
WHITTAKER FUNCTIONS

RT ALGEBRA

∞ APPLICATIONS OF MATHEMATICS
BRANCHING (MATHEMATICS)
CALCULUS
CONTINUITY (MATHEMATICS)
DIVERGENCE
EXTREMUM VALUES
FAST FOURIER TRANSFORMATIONS
FUNCTION SPACE
FUNCTIONAL ANALYSIS
FUNCTIONALS
∞ FUNCTIONS
INFINITY
INFLECTION POINTS
LINEARITY
MAPPING
MATHEMATICAL LOGIC
MATHEMATICAL MODELS
∞ MATHEMATICS
NONLINEARITY
NUMBER THEORY
NUMERICAL DIFFERENTIATION
OPERATIONS RESEARCH
OPERATORS (MATHEMATICS)
RANDOM VARIABLES
RANGE (EXTREMES)
∞ TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)

FUNGI

GS **FUNGI**
ACTINOMYCETES
ASPERGILLUS
COCCOMYCES
GIBBERELLINS
NEUROSPORA
RHIZOPUS
RUST FUNGI
SACCHAROMYCES
SPORES
MICROSPORES
STREPTOMYCETES
YEAST
RT BLIGHT
LICHENS
MITRA
∞ MOLD
PANSPERMIA
PARASITIC DISEASES
THERMOPHILES

FUNGICIDES

GS **FUNGICIDES**
CAFFEINE
XANTHINES
GUANINES
URIC ACID
RT ANTIINFECTIVES AND ANTIBACTERIALS
TOXICOLOGY

FUNNELS

RT CONICAL INLETS
∞ NOZZLES

FURAN RESINS

GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RT ADHESIVES
COATINGS

FURANS

GS HETEROCYCLIC COMPOUNDS
FURANS
TETRAHYDROFURAN
ORGANIC COMPOUNDS
FURANS
TETRAHYDROFURAN
RT ∞ CHEMICAL COMPOUNDS
PLASTICS
SOLVENTS

FURFURYL ALCOHOL

RT ALDEHYDES
∞ AROMATIC COMPOUNDS

FURLABLE ANTENNAS

GS ANTENNAS
FURLABLE ANTENNAS
COMMUNICATION EQUIPMENT
FOLDING STRUCTURES
SATELLITE ANTENNAS
SPACE COMMUNICATION
SPACECRAFT ANTENNAS

FURNACES

SN *(EXCLUDES DOMESTIC HEATING EQUIPMENT)*
GS HEATING EQUIPMENT
FURNACES
ELECTRIC FURNACES
IMAGE FURNACES
SOLAR FURNACES
VACUUM FURNACES
RT BOILERS
BURNERS
CHEMICAL ENGINEERING
CHEMICAL REACTORS
CHIMNEYS
COMBUSTION CHAMBERS
CONTROLLED ATMOSPHERES
∞ CUPOLAS
DRYING APPARATUS
EXTRACTION
FLUIDIZED BED PROCESSORS
FOUNDRIES
HEARTHES
HEAT TREATMENT
INCINERATORS
INDUCTION HEATING
MECHANICAL ENGINEERING
MELTING
∞ METALLURGY
MUFFLERS
OVENS
REFRACTORIES
SEPARATORS
SINTERING
WASTE ENERGY UTILIZATION

FUSELAGE MOUNTING

USE AIRCRAFT PRODUCTION

FUSELAGES

GS AIRCRAFT STRUCTURES
FUSELAGES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT PARTS
AIRFRAMES
BAYS (STRUCTURAL UNITS)
BODY-WING AND TAIL CONFIGURATIONS
CAMBER
CENTERBODIES
COCKPITS
CYLINDRICAL BODIES
HULLS (STRUCTURES)
WING-FUSELAGE STORES

∞ FUSES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CIRCUIT BREAKERS
CIRCUIT PROTECTION
ELECTRIC FUSES
FUSES (ORDNANCE)
WARHEADS

FUSES (ORDNANCE)

RT AMMUNITION
CAPS (EXPLOSIVES)
DETONATORS
∞ FUSES
INITIATORS (EXPLOSIVES)
WARHEADS
WICKS

FUSIBILITY

FUSIBILITY
 GS THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
FUSIBILITY
 RT ∞ PHYSICAL PROPERTIES
 ∞ RESISTANCE
 WELDING

FUSIFORM SHAPES
 USE CONES

∞ **FUSION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT FUEL PRODUCTION
 FUSION (MELTING)
 INERTIAL FUSION (REACTOR)
 LASER FUSION
 LIQUID-SOLID INTERFACES
 NUCLEAR FUSION

FUSION (MELTING)
 GS PHASE TRANSFORMATIONS
 MELTING
FUSION (MELTING)
 RT ADHESION
 FRIT
 FUSION WELDING
 HEAT OF FUSION
 ∞ JOINING
 PHASE CHANGE MATERIALS

FUSION REACTORS
 GS NUCLEAR REACTORS
FUSION REACTORS
 SPHEROMAKS
 RT BETA FACTOR
 BLANKETS (FUSION REACTORS)
 BUMPY TORUSES
 FUSION-FISSION HYBRID REACTORS
 IMPACT FUSION
 INERTIAL FUSION (REACTOR)
 LIMITERS (FUSION REACTORS)
 MIRROR FUSION
 NUCLEAR FISSION
 NUCLEAR FUSION
 ∞ REACTORS

FUSION WEAPONS
 UF HYDROGEN BOMBS
 GS WEAPONS
FUSION WEAPONS
 RT LASER WEAPONS
 NUCLEAR FUSION

FUSION WELDING
 GS WELDING
 LASER WELDING
FUSION WELDING
 GAS WELDING
 BRAZING
 LOW TEMPERATURE BRAZING
 RT ELECTRIC WELDING
 FLASH WELDING
 PRESSURE WELDING
 SPOT WELDS

FUSION-FISSION HYBRID REACTORS
 GS NUCLEAR REACTORS
FUSION-FISSION HYBRID REACTORS
 RT FUSION REACTORS
 NUCLEAR FISSION
 NUCLEAR FUSION
 ∞ REACTORS

FUZZY SETS
 RT ALGORITHMS
 FUZZY SYSTEMS
 SET THEORY

FUZZY SYSTEMS
 RT ALGORITHMS
 FUZZY SETS
 PROBABILITY THEORY
 SET THEORY
 SYSTEM IDENTIFICATION
 ∞ SYSTEMS
 SYSTEMS ANALYSIS

FV-12A AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
FV-12A AIRCRAFT

FV-12A AIRCRAFT-(CONT)
 V/STOL AIRCRAFT
FV-12A AIRCRAFT
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

F4H AIRCRAFT
 USE F-4 AIRCRAFT

F8U AIRCRAFT
 USE F-8 AIRCRAFT

F9F AIRCRAFT
 USE F-9 AIRCRAFT

G

G FORCE
 USE ACCELERATION (PHYSICS)

G-1 AIRCRAFT
 UF NAVION G-1 AIRCRAFT
 NAVION RANGEMASTER AIRCRAFT
 RANGEMASTER AIRCRAFT
 GS GENERAL AVIATION AIRCRAFT
G-1 AIRCRAFT
 LIGHT AIRCRAFT
G-1 AIRCRAFT
 MONOPLANES
G-1 AIRCRAFT
 NAVION AIRCRAFT
G-1 AIRCRAFT
 PASSENGER AIRCRAFT
G-1 AIRCRAFT
 TRANSPORT AIRCRAFT
G-1 AIRCRAFT
 RT ∞ AIRCRAFT

G-91 AIRCRAFT
 UF FIAT G-91 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
G-91 AIRCRAFT
 FIAT AIRCRAFT
G-91 AIRCRAFT
 JET AIRCRAFT
G-91 AIRCRAFT
 LIGHT AIRCRAFT
G-91 AIRCRAFT
 MONOPLANES
G-91 AIRCRAFT
 OBSERVATION AIRCRAFT
G-91 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
G-91 AIRCRAFT
 TRAINING AIRCRAFT
G-91 AIRCRAFT
 RT ∞ AIRCRAFT

G-95/4 AIRCRAFT
 UF FIAT G-95/4 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
G-95/4 AIRCRAFT
 FIAT AIRCRAFT
G-95/4 AIRCRAFT
 JET AIRCRAFT
G-95/4 AIRCRAFT
 MONOPLANES
G-95/4 AIRCRAFT
 OBSERVATION AIRCRAFT
G-95/4 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
G-95/4 AIRCRAFT
 SUPERSONIC AIRCRAFT
G-95/4 AIRCRAFT
 V/STOL AIRCRAFT
G-95/4 AIRCRAFT
 RT ∞ AIRCRAFT

G-222 AIRCRAFT
 UF FIAT G-222 AIRCRAFT
 GS FIAT AIRCRAFT
G-222 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
G-222 AIRCRAFT
 MONOPLANES
G-222 AIRCRAFT
 PASSENGER AIRCRAFT
G-222 AIRCRAFT

G-222 AIRCRAFT-(CONT)
 TRANSPORT AIRCRAFT
G-222 AIRCRAFT
 V/STOL AIRCRAFT
G-222 AIRCRAFT
 RT ∞ AIRCRAFT

GA-5 AIRCRAFT
 UF GLOSTER GA-5 AIRCRAFT
 JAVELIN AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
GA-5 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
GA-5 AIRCRAFT
 JET AIRCRAFT
GA-5 AIRCRAFT
 MONOPLANES
GA-5 AIRCRAFT
 RT ∞ AIRCRAFT
 DELTA WINGS

GABON
 GS NATIONS
GABON
 RT AFRICA

GADOLINIUM
 GS CHEMICAL ELEMENTS
 RARE EARTH ELEMENTS
GADOLINIUM
 GADOLINIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
GADOLINIUM
 GADOLINIUM ISOTOPES

GADOLINIUM ALLOYS
 GS ALLOYS
 RARE EARTH ALLOYS
GADOLINIUM ALLOYS
 MIXTURES
GADOLINIUM ALLOYS
 RT METALS
 MIXTURES

GADOLINIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
GADOLINIUM ISOTOPES
 RARE EARTH ELEMENTS
 GADOLINIUM
GADOLINIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
 GADOLINIUM
GADOLINIUM ISOTOPES

GAGES
 USE MEASURING INSTRUMENTS

GAIN (AMPLIFICATION)
 USE AMPLIFICATION

GALACTIC CLUSTERS
 GS CELESTIAL BODIES
 GALAXIES
GALACTIC CLUSTERS
 LOCAL GROUP (ASTRONOMY)
 ANDROMEDA GALAXIES
 VIRGO GALACTIC CLUSTER
 RT AGGLOMERATION
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 METALLICITY
 MISSING MASS (ASTROPHYSICS)
 STAR CLUSTERS
 STAR DISTRIBUTION

GALACTIC COSMIC RAYS
 GS EXTRATERRESTRIAL RADIATION
 GALACTIC RADIATION
GALACTIC COSMIC RAYS
 IONIZING RADIATION
 COSMIC RAYS
GALACTIC COSMIC RAYS
 RT ENERGETIC PARTICLES
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

GALACTIC EVOLUTION
 GS EVOLUTION (DEVELOPMENT)
GALACTIC EVOLUTION

GALACTIC EVOLUTION-(CONT)

RT ASTROPHYSICS
BIG BANG COSMOLOGY
COSMOLOGY
DISK GALAXIES
STAR DISTRIBUTION
STELLAR EVOLUTION
* STELLAR MASS ACCRETION

GALACTIC MAGNETIC FIELDS

USE INTERSTELLAR MAGNETIC FIELDS

GALACTIC NUCLEI

RT ABSORPTION SPECTRA
ACCRETION DISKS
DISK GALAXIES
RADIO SOURCES (ASTRONOMY)
SEYFERT GALAXIES

GALACTIC RADIATION

GS EXTRATERRESTRIAL RADIATION
GALACTIC RADIATION
GALACTIC COSMIC RAYS
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RT BRIGHTNESS DISTRIBUTION
CORPUSCULAR RADIATION
COSMIC NOISE
COSMIC RAYS
COSMIC X RAYS
ELECTROMAGNETIC RADIATION
GAMMA RAY ASTRONOMY
GAMMA RAY BURSTS
HUBBLE DIAGRAM
INTERSTELLAR RADIATION
MASS TO LIGHT RATIOS
∞ RADIATION
RADIATIVE TRANSFER
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
STELLAR RADIATION
UHURU SATELLITE

GALACTIC RADIATION EXP BACKGROUND SATS

USE GREB SATELLITES

GALACTIC RADIO WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
GALACTIC RADIATION
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RT COSMIC NOISE

GALACTIC ROTATION

RT COROTATION
DISK GALAXIES
HYDROGEN CLOUDS
STELLAR MOTIONS
VELOCITY DISTRIBUTION

GALACTIC STRUCTURE

RT BARRED GALAXIES
COROTATION
DENSITY WAVE MODEL
DISK GALAXIES
GALAXIES
MISSING MASS (ASTROPHYSICS)
∞ STRUCTURES

GALACTOSE

GS ALIPHATIC COMPOUNDS
SUGARS
GALACTOSE
CARBOHYDRATES
SUGARS
GALACTOSE

GALAXIES

GS CELESTIAL BODIES
GALAXIES
DISK GALAXIES
DWARF GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
ANDROMEDA GALAXIES
VIRGO GALACTIC CLUSTER

GALAXIES-(CONT)

MAFFEI GALAXIES
RADIO GALAXIES
SEYFERT GALAXIES
SPIRAL GALAXIES
BARRED GALAXIES
MILKY WAY GALAXY
RT BL LACERTAE OBJECTS
GALACTIC STRUCTURE
GUM NEBULA
HUBBLE CONSTANT
HUBBLE DIAGRAM
METALLICITY
NEBULAE
ORION NEBULA
QUASARS
RADIO SOURCES (ASTRONOMY)
RED SHIFT
STAR CLUSTERS
STARS

GALAXY AIRCRAFT

USE C-5 AIRCRAFT

GALERKIN METHOD

RT LINEARIZATION
∞ METHODOLOGY

GALILEAN SATELLITES

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
RT CHARON
GALILEO PROJECT
GALILEO SPACECRAFT
JUPITER (PLANET)
TRITON

GALILEO MISSION

USE GALILEO PROJECT

GALILEO PROBE

GS INTERPLANETARY SPACECRAFT
JUPITER PROBES
GALILEO PROBE
UNMANNED SPACECRAFT
SPACE PROBES
JUPITER PROBES
GALILEO PROBE
RT JUPITER (PLANET)
∞ PROBES
∞ SPACECRAFT

GALILEO PROJECT

UF GALILEO MISSION
GS PROGRAMS
NASA PROGRAMS
GALILEO PROJECT
NASA SPACE PROGRAMS
GALILEO PROJECT
PROJECTS
GALILEO PROJECT
RT AMPHITRITE ASTEROID
ATMOSPHERIC ENTRY
FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER ATMOSPHERE
JUPITER PROBES

GALILEO SPACECRAFT

GS INTERPLANETARY SPACECRAFT
JUPITER PROBES
GALILEO SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
JUPITER PROBES
GALILEO SPACECRAFT
RT FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER (PLANET)
∞ MISSIONS
∞ SPACECRAFT

GALL

RT DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
SECRETIONS

GALLAMINE TRIETHIODIDE

GS AMINES
GALLAMINE TRIETHIODIDE
ETHERS
GALLAMINE TRIETHIODIDE
HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODIDES
GALLAMINE TRIETHIODIDE

GALLATES

GS GALLIUM COMPOUNDS
GALLATES
SODIUM GALLATES

GALLIUM

GS CHEMICAL ELEMENTS
GALLIUM
GALLIUM ISOTOPES
METALS
GALLIUM
GALLIUM ISOTOPES

GALLIUM ALLOYS

GS ALLOYS
GALLIUM ALLOYS

GALLIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
ANTIMONIDES
GALLIUM ANTIMONIDES
GALLIUM COMPOUNDS
GALLIUM ANTIMONIDES

GALLIUM ARSENIDE LASERS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
STIMULATED EMISSION DEVICES
LASERS
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
RT INJECTION LASERS
STIMULATED EMISSION
WAVEGUIDE LASERS

GALLIUM ARSENIDES

GS ARSENIC COMPOUNDS
ARSENIDES
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
GALLIUM COMPOUNDS
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
RT GUNN DIODES
HETEROJUNCTION DEVICES
INJECTION LASERS
NEGATIVE CONDUCTANCE
NEGATIVE RESISTANCE DEVICES
SCHOTTKY DIODES
SEMICONDUCTOR LASERS
TRANSFERRED ELECTRON DEVICES

GALLIUM COMPOUNDS

GS GALLIUM COMPOUNDS
GALLATES
SODIUM GALLATES
GALLIUM ANTIMONIDES
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
GALLIUM NITRIDES
GALLIUM OXIDES
GALLIUM PHOSPHIDES
GALLIUM SELENIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3A COMPOUNDS
∞ METAL COMPOUNDS

GALLIUM ISOTOPES

GS CHEMICAL ELEMENTS
GALLIUM
GALLIUM ISOTOPES
NUCLIDES

GALLIUM NITRIDES**GALLIUM ISOTOPES-(CONT)**

ISOTOPES
GALLIUM ISOTOPES
METALS
GALLIUM
GALLIUM ISOTOPES

GALLIUM NITRIDES

GS GALLIUM COMPOUNDS
GALLIUM NITRIDES
RT SEMICONDUCTORS (MATERIALS)

GALLIUM OXIDES

GS GALLIUM COMPOUNDS
GALLIUM OXIDES

GALLIUM PHOSPHIDES

GS GALLIUM COMPOUNDS
GALLIUM PHOSPHIDES
PHOSPHORUS COMPOUNDS
PHOSPHIDES
GALLIUM PHOSPHIDES

GALLIUM SELENIDES

GS CHALCOGENIDES
SELENIDES
GALLIUM SELENIDES
GALLIUM COMPOUNDS
GALLIUM SELENIDES
SELENIUM COMPOUNDS
SELENIDES
GALLIUM SELENIDES

GALVANIC CELLS

USE ELECTROLYTIC CELLS

GALVANIC SKIN RESPONSE

UF ELECTRODERMAL RESPONSE
GS RESPONSES
GALVANIC SKIN RESPONSE
RT ELECTRICAL RESISTANCE
LIES

GALVANIZING

USE ZINC COATINGS

GALVANOMAGNETIC EFFECTS

UF GALVANOMAGNETISM
GS **GALVANOMAGNETIC EFFECTS**
NERNST-ETTINGSHAUSEN EFFECT
RT ∞ EFFECTS
HALL EFFECT

GALVANOMAGNETISM

USE GALVANOMAGNETIC EFFECTS

GALVANOMETERS

GS MEASURING INSTRUMENTS
GALVANOMETERS
RT AMMETERS
ELECTROMETERS
MICROMILLIAMMETERS
MILLIVOLTMETERS
THERMOCOUPLE PYROMETERS

GAMBIA

GS NATIONS
GAMBIA
RT AFRICA

GAME THEORY

GS **GAME THEORY**
SADDLE POINTS (GAME THEORY)
RT DECISION THEORY
DEPLOYMENT
INFORMATION THEORY
LINEAR PROGRAMMING
MARTINGALES
MATHEMATICAL MODELS
MATHEMATICAL PROGRAMMING
MINIMAX TECHNIQUE
MONTE CARLO METHOD
OPERATIONS RESEARCH
PROBABILITY THEORY
RISK
SADDLE POINTS
SIMULATION
STATISTICAL ANALYSIS
STATISTICAL DECISION THEORY
STOCHASTIC PROCESSES
STRATEGY
 ∞ THEORIES
WAR GAMES

GAMETOCYTES

UF OOCYTES
SPERMATOCYTES
GS CELLS (BIOLOGY)
GAMETOCYTES
RT SPERMATOGENESIS

GAMMA FUNCTION

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
GAMMA FUNCTION
FUNCTIONS (MATHEMATICS)
GAMMA FUNCTION
RT FACTORIALS
STATISTICAL DISTRIBUTIONS

GAMMA GLOBULIN

GS ANTIBODIES
GAMMA GLOBULIN
PROTEINS
GLOBULINS
GAMMA GLOBULIN

GAMMA RADIATION

USE GAMMA RAYS

GAMMA RAY ABSORPTIOMETRY

GS DENSITY MEASUREMENT
GAMMA RAY ABSORPTIOMETRY
RT ABSORPTION SPECTRA
DENSITOMETERS
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
 ∞ MEASUREMENT
PHOTON ABSORPTIOMETRY
RADIATION ABSORPTION

GAMMA RAY ABSORPTION

GS ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
GAMMA RAY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
GAMMA RAY ABSORPTION
RT ∞ ABSORPTION
ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETIC RADIATION
IONIZING RADIATION
NUCLEAR RADIATION
PHOTON ABSORPTIOMETRY

GAMMA RAY ASTRONOMY

GS ASTRONOMY
GAMMA RAY ASTRONOMY
RT ASTROPHYSICS
COSMIC X RAYS
ENERGY SPECTRA
GALACTIC RADIATION
GAMMA RAY BURSTS
RADIO ASTRONOMY
X RAY ASTRONOMY

GAMMA RAY ASTRONOMY EXPLORER

USE EXPLORER 11 SATELLITE

GAMMA RAY BEAMS

GS BEAMS (RADIATION)
GAMMA RAY BEAMS
ELECTROMAGNETIC RADIATION
GAMMA RAY BEAMS
IONIZING RADIATION
GAMMA RAY BEAMS
NUCLEAR RADIATION
GAMMA RAY BEAMS
RT PHOTON BEAMS
RADIOACTIVE DECAY

GAMMA RAY BURSTS

UF COSMIC GAMMA RAY BURSTS
GS BURSTS
GAMMA RAY BURSTS
ELECTROMAGNETIC RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
EXTRATERRESTRIAL RADIATION
GAMMA RAY BURSTS
IONIZING RADIATION
COSMIC RAYS
GAMMA RAY BURSTS
GAMMA RAYS
GAMMA RAY BURSTS
NUCLEAR RADIATION
GAMMA RAYS
GAMMA RAY BURSTS

NASA THESAURUS (VOLUME 1)**GAMMA RAY BURSTS-(CONT)**

RT BIG BANG COSMOLOGY
BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC X RAYS
GALACTIC RADIATION
GAMMA RAY ASTRONOMY
INTERSTELLAR RADIATION
NUCLEAR PARTICLES
RADIANT FLUX DENSITY
STELLAR RADIATION
X RAY ASTRONOMY

GAMMA RAY LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAMMA RAY LASERS
RT COHERENT LIGHT
LIGHT TRANSMISSION
OPTICAL PUMPING
PULSED RADIATION

GAMMA RAY OBSERVATORY

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
GAMMA RAY OBSERVATORY
RT OGO
TELESCOPES

GAMMA RAY SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
RT EMISSION SPECTRA
IONIZING RADIATION
RADIATION SPECTRA
SPECTRA

GAMMA RAY SPECTROMETERS

GS MEASURING INSTRUMENTS
SPECTROMETERS
GAMMA RAY SPECTROMETERS
RT OPTICAL MEASUREMENT
SOLAR MAXIMUM MISSION
SPECTRA
SPECTRUM ANALYSIS

GAMMA RAY TELESCOPES

GS TELESCOPES
GAMMA RAY TELESCOPES
RT ASTRONOMY
COSMIC RAYS
ELECTROMAGNETIC RADIATION

GAMMA RAYS

SN (EMITTED BY NUCLEI)
UF GAMMA RADIATION
GS ELECTROMAGNETIC RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
IONIZING RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
NUCLEAR RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
RT BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC RAYS
COSMIC X RAYS
EMISSION SPECTRA
FLUX (RATE)
FLUX DENSITY
MONOCHROMATIC RADIATION
MOSSBAUER EFFECT
PHOTOMAGNETIC EFFECTS
PHOTONS
 ∞ RADIATION
RADIATION EFFECTS
RADIATION SHIELDING
RADIOACTIVE DECAY
RADIOACTIVITY
 ∞ RAYS
TRANSVERSE OSCILLATION
TRANSVERSE WAVES
X RAYS

GANGLIA

GS NERVOUS SYSTEM
GANGLIA
NERVES
NEURONS
RT CELLS (BIOLOGY)
NEUROPHYSIOLOGY

GANTRIES

USE GANTRY CRANES

GANTRY CRANES

UF GANTRIES
 GS HANDLING EQUIPMENT
 CRANES
GANTRY CRANES
 RT GROUND SUPPORT EQUIPMENT
 LAUNCHING PADS
 LAUNCHING SITES
 UMBILICAL TOWERS

GANYMEDE

GS CELESTIAL BODIES
 NATURAL SATELLITES
 JUPITER SATELLITES
 GALILEAN SATELLITES
GANYMEDE
 SATELLITES
 NATURAL SATELLITES
 JUPITER SATELLITES
 GALILEAN SATELLITES
GANYMEDE
 RT CALLISTO
 CHARON
 IO
 JUPITER (PLANET)

GAPS

GS **GAPS**
 ENERGY GAPS (SOLID STATE)
 SPARK GAPS
 RT ∞ ARRESTERS
 ∞ BREAKDOWN
 ∞ HOLES
 OPENINGS
 ORIFICES
 PASSAGEWAYS
 QUANTUM WELLS
 ∞ TUNNELS

GAPS (GEOLOGY)

UF COLS
 PASSES
 GS LANDFORMS
GAPS (GEOLOGY)
 RT GEOLOGY
 MOUNTAINS
 ∞ RIDGES

GARBAGE

GS WASTES
GARBAGE
 RT COMPOSTING
 ORGANIC WASTES (FUEL CONVERSION)
 SEWERS
 SOLID WASTES
 UTILITIES
 WASTE DISPOSAL
 WASTE TREATMENT

GARMENTS

GS CLOTHING
GARMENTS
 RT FLIGHT CLOTHING
 SUITS
 VESTS

GARNETS

GS MINERALS
GARNETS
 SILICON COMPOUNDS
 SILICATES
GARNETS
 YTTRIUM-ALUMINUM GARNET
 YTTRIUM-IRON GARNET
 RT ECGOLITE
 LASERS

GARP

USE GLOBAL ATMOSPHERIC RESEARCH PROGRAM

GARP ATLANTIC TROPICAL EXPERIMENT

UF GATE (EXPERIMENT)
 GS PROGRAMS
 GLOBAL ATMOSPHERIC RESEARCH PROGRAM
GARP ATLANTIC TROPICAL EXPERIMENT
 RT ATLANTIC OCEAN
 INTERTROPICAL CONVERGENT ZONES
 METEOROLOGY

GARP ATLANTIC TROPICAL-(CONT)

NASA PROGRAMS
 OCEANOGRAPHY
 TROPICAL METEOROLOGY
 TROPICAL REGIONS
 WEATHER FORECASTING

GAS ANALYSIS

GS CHEMICAL TESTS
 CHEMICAL ANALYSIS
GAS ANALYSIS
 OZONOMETRY
 VAN SLYKE METHOD
 RT AIR SAMPLING
 FLAME PROBES
 HOPCALITE (TRADEMARK)
 MASS SPECTROMETERS
 ∞ MATERIALS TESTS
 OXYGEN ANALYZERS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 VOLUMETRIC ANALYSIS

GAS ATOMIZATION

GS ATOMIZING
GAS ATOMIZATION
 RT AEROSOLS
 COLLISIONS
 COMMINUTION
 LIQUID ATOMIZATION
 PARTICLES

GAS BAGS

GS BAGS
GAS BAGS
 EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
GAS BAGS
 RT BALLOONS
 HIGH ALTITUDE BALLOONS

GAS BEARINGS

UF AIR BEARINGS
 GAS LUBRICATED BEARINGS
 GS BEARINGS
GAS BEARINGS
 RT ANTIFRICTION BEARINGS
 FLUID FILMS
 HIGH TEMPERATURE LUBRICANTS
 SQUEEZE FILMS
 THRUST BEARINGS
 TURBINE ENGINES

GAS CHROMATOGRAPHY

GS CHROMATOGRAPHY
GAS CHROMATOGRAPHY
 RT ADSORPTION
 CHEMICAL ANALYSIS
 PAPER CHROMATOGRAPHY
 SORPTION
 THIN LAYER CHROMATOGRAPHY

GAS COMPOSITION

GS COMPOSITION (PROPERTY)
GAS COMPOSITION
 CARBON DIOXIDE CONCENTRATION
 RT ATMOSPHERIC COMPOSITION
 ATOM CONCENTRATION
 CHEMICAL COMPOSITION
 DALTON LAW
 EXPIRED AIR
 IONOSPHERIC COMPOSITION
 PLASMA COMPOSITION
 POLAR GASES

GAS COOLED FAST REACTORS

GS NUCLEAR REACTORS
 FAST NUCLEAR REACTORS
GAS COOLED FAST REACTORS
 GAS COOLED REACTORS
GAS COOLED FAST REACTORS

GAS COOLED REACTORS

UF GCR (REACTORS)
 GS NUCLEAR REACTORS
GAS COOLED REACTORS
 EXPERIMENTAL GAS COOLED REACTORS
 GAS COOLED FAST REACTORS
 HIGH TEMPERATURE NUCLEAR REACTORS
 HIGH TEMPERATURE GAS COOLED REACTORS
 KIWI REACTORS
 KIWI B REACTORS

GAS COOLED REACTORS-(CONT)

KIWI B-1 REACTOR
 KIWI B-4 REACTOR
 TORY 2 REACTOR
 TORY 2-A REACTOR
 TORY 2-C REACTOR
 RT ∞ GAS REACTORS

GAS COOLING

SN (COOLING WITH GAS)
 GS COOLING
GAS COOLING
 RT COOLANTS
 FREON
 HEAT EXCHANGERS

GAS DENSITY

GS DENSITY (MASS/VOLUME)
GAS DENSITY
 RT ATOM CONCENTRATION
 BUOYANCY
 CONVECTIVE FLOW
 GASEOUS DIFFUSION
 IDEAL GAS
 PROBABILITY DENSITY FUNCTIONS
 RAREFIED GASES
 REAL GASES

GAS DETECTORS

RT DETECTION
 ∞ DETECTORS
 HAZE DETECTION
 IDENTIFYING
 INDICATING INSTRUMENTS
 MONITORS
 ∞ PROBES
 ∞ SENSORS
 SMOKE DETECTORS
 WARNING SYSTEMS

GAS DIFFUSION

USE GASEOUS DIFFUSION

GAS DISCHARGE COUNTERSUSE COUNTERS
GAS DISCHARGE TUBES**GAS DISCHARGE TUBES**

UF DISCHARGE TUBES
 GAS DISCHARGE COUNTERS
 GS ELECTRON TUBES
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
GAS DISCHARGE TUBES
 IGNITRONS
 THYRATRONS
 OSCILLATORS
 VACUUM TUBE OSCILLATORS
GAS DISCHARGE TUBES
 RT FARADAY DARK SPACE
 ∞ GAS TUBES
 MICROWAVE EQUIPMENT
 MICROWAVE OSCILLATORS
 MICROWAVE TUBES
 PHOTOTUBES
 RADIATION COUNTERS

GAS DISCHARGES

GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
 TOWNSEND DISCHARGE
GAS DISCHARGES
 TOROIDAL DISCHARGE
 RING DISCHARGE
 RT AFTERGLOWS
 COLD CATHODE TUBES
 COLD CATHODES
 ELECTRIC ARCS
 ELECTRIC SPARKS
 ELECTRODELESS DISCHARGES
 ELECTRON AVALANCHE
 GLOW DISCHARGES
 LIGHTNING
 POLAR GASES

GAS DISSOCIATION

GS DISSOCIATION
GAS DISSOCIATION
 RT THERMAL DISSOCIATION

GAS DYNAMICS

GS FLUID MECHANICS
 FLUID DYNAMICS
GAS DYNAMICS

GAS EVACUATING

GAS DYNAMICS-(CONT)

AERODYNAMICS
AEROTHERMODYNAMICS
HYPERSONICS
ROTOR AERODYNAMICS
SUPERSONICS
INTERACTIONAL AERODYNAMICS
RAREFIED GAS DYNAMICS
RT DALTON LAW
∞ DYNAMICS
GAS PATH ANALYSIS
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
GASES
HYDRODYNAMIC EQUATIONS
HYDRODYNAMICS
JET MEMBRANE PROCESS
KINETICS
LORENTZ GAS
MAGNETOHYDRODYNAMICS
∞ MECHANICS (PHYSICS)
MOLECULAR GASES
POLAR GASES
THERMODYNAMICS

GAS EVACUATING

USE EVACUATING (VACUUM)

GAS EVOLUTION

GS EVOLUTION (LIBERATION)
GAS EVOLUTION
RT DEGASSING
OUTGASSING
TRANSPIRATION

GAS EXCHANGE

GS EXCHANGING
GAS EXCHANGE
RT OXYGEN PRODUCTION

GAS EXPANSION

GS EXPANSION
GAS EXPANSION
RT JOULE-THOMSON EFFECT
PRESSURE REDUCTION

GAS EXPLOSIONS

GS EXPLOSIONS
CHEMICAL EXPLOSIONS
GAS EXPLOSIONS
RT DETONABLE GAS MIXTURES
DETONATION WAVES
FLAME PROPAGATION
FLAMMABLE GASES
UNDERGROUND EXPLOSIONS

GAS FLOW

UF GASEOUS CAVITATION
GS FLUID FLOW
GAS FLOW
AIR FLOW
AIR CURRENTS
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
VERTICAL AIR CURRENTS
CONTINUUM FLOW
EQUILIBRIUM FLOW
FROZEN EQUILIBRIUM FLOW
SHIFTING EQUILIBRIUM FLOW
FREE MOLECULAR FLOW
KNUDSEN FLOW
MOLECULAR FLOW
SLIP FLOW
TRANSITION FLOW
NONEQUILIBRIUM FLOW
PIPE FLOW
RT AIR DUCTS
AIR JETS
COMPRESSIBLE FLOW
CRITICAL FLOW
CROCCO-LEE THEORY
GAS PATH ANALYSIS
GASDYNAMIC LASERS
GASEOUS DIFFUSION
GASES
GEOPHYSICAL FLUID FLOW CELLS
HYDRAULIC ANALOGIES
HYPERSONIC FLOW
INCOMPRESSIBLE FLOW
INVISCID FLOW
JOULE-THOMSON EFFECT
LAMINAR FLOW
LIQUID FLOW
MAGNETOHYDRODYNAMIC FLOW
MASS FLOW

GAS FLOW-(CONT)

MOLECULAR RELAXATION
MOLECULAR TRAJECTORIES
MULTIPHASE FLOW
NONUNIFORM FLOW
ORIFICE FLOW
∞ PRESSURE DROP
RADIAL FLOW
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
STREAMS
SUBCRITICAL FLOW
SUBSONIC FLOW
SUPERCRITICAL FLOW
SUPERSONIC FLOW
SUPERSONIC JET FLOW
TRANSONIC FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW
VAPOR JETS
VISCOUS FLOW

GAS GENERATOR ENGINES

USE ENGINES
GAS GENERATORS

GAS GENERATORS

UF GAS GENERATOR ENGINES
RT CHEMICAL REACTORS
∞ GENERATORS
PNEUMATIC EQUIPMENT
PRESSURIZING
VAPORIZERS

GAS GIANT PLANETS

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
URANUS SATELLITES
RT EXTRASOLAR PLANETS
JUPITER RED SPOT
NEPTUNE ATMOSPHERE
PLANETARY COMPOSITION
SATURN RINGS
SOLAR SYSTEM
URANUS ATMOSPHERE

GAS GUNS

GS GAS GUNS
LIGHT GAS GUNS
RT ATMOSPHERIC ENTRY
BALLISTICS
∞ GUNS
HYPERVELOCITY GUNS
WIND TUNNELS

GAS HEATING

GS HEATING
GAS HEATING
RT ARC HEATING
KINETIC HEATING
PLASMA HEATING
RADIANT HEATING
RESISTANCE HEATING
THERMAL DIFFUSION

GAS INJECTION

GS INJECTION
FLUID INJECTION
GAS INJECTION
RT FORMATIONS
FUEL INJECTION
INFLATING
PERFORATING
PLASMA PUMPING
POROSITY
PRESSURIZING
STIMULATION
WATER INJECTION

GAS IONIZATION

GS IONIZATION
GAS IONIZATION
ATMOSPHERIC IONIZATION
AURORAL IONIZATION
FLAME IONIZATION
RT AFTERGLOWS

NASA THESAURUS (VOLUME 1)

GAS IONIZATION-(CONT)

ELECTRON ATTACHMENT
HELIUM AFTERGLOW
IONIZED GASES
IONIZERS
PENNING DISCHARGE
PENNING EFFECT
PHOTOIONIZATION
PLASMA DISPLAY DEVICES
RING DISCHARGE

GAS JETS

GS FLUID JETS
GAS JETS
RT AIR JETS
COLD GAS
∞ JETS

GAS LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
DF LASERS
EXCIMER LASERS
HCL LASERS
HCL ARGON LASERS
HCN LASERS
HELIUM-NEON LASERS
HF LASERS
KRYPTON FLUORIDE LASERS
NITROGEN LASERS
TEA LASERS
ULTRAVIOLET LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
RT CARBON LASERS
CHEMICAL LASERS
ELECTRON PUMPING
GASDYNAMIC LASERS
INFRARED LASERS
MACH-ZEHNDER INTERFEROMETERS
MOLECULAR OSCILLATIONS
NUCLEAR PUMPING
ORGANIC LASERS
POLAR GASES
POWER TRANSMISSION (LASERS)
PULSED LASERS
Q SWITCHED LASERS
RARE GAS-HALIDE LASERS
STIMULATED EMISSION
WATER MASERS

GAS LIQUEFACTION

USE CONDENSING

GAS LUBRICANTS

GS LUBRICANTS
GAS LUBRICANTS
RT GASEOUS DIFFUSION
HIGH TEMPERATURE LUBRICANTS
METAL-GAS SYSTEMS
SOLID LUBRICANTS
SQUEEZE FILMS

GAS LUBRICATED BEARINGS

USE GAS BEARINGS

GAS MASERS

GS STIMULATED EMISSION DEVICES
MASERS
GAS MASERS
HYDROGEN MASERS
RT ARGON LASERS
ATOMIC CLOCKS
CARBON DIOXIDE LASERS
FREQUENCY STANDARDS
INTERSTELLAR MASERS
POLAR GASES
STIMULATED EMISSION
TEA LASERS
WATER MASERS

GAS METERS

GS MEASURING INSTRUMENTS
FLOWMETERS
GAS METERS
RT FLOW MEASUREMENT
VENTURI TUBES

GAS MIXTURES

GS GASES
GAS MIXTURES
ALVEOLAR AIR

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GAS MIXTURES-(CONT)

COMPRESSED AIR
 DETONABLE GAS MIXTURES
 EXPIRED AIR
 LIQUID AIR
 MIXTURES
 SOLUTIONS
 GAS MIXTURES
 DETONABLE GAS MIXTURES
 RT ARGON-OXYGEN ATMOSPHERES
 ∞ ATMOSPHERES
 BINARY FLUIDS
 BINARY MIXTURES
 CONTROLLED ATMOSPHERES
 EUDIOMETERS
 EXHAUST GASES
 FUEL-AIR RATIO
 FUMES
 GASEOUS ROCKET PROPELLANTS
 HELIUM-OXYGEN ATMOSPHERES
 HYDROGEN-BASED ENERGY
 IGNITION LIMITS
 LAMINAR MIXING
 LIGHTHILL GAS MODEL
 LIQUEFIED GASES
 LIQUID-GAS MIXTURES
 PREMIXED FLAMES
 PREMIXING

GAS PATH ANALYSIS

RT GAS DYNAMICS
 GAS FLOW

GAS PHASES

USE VAPOR PHASES

GAS PIPES

GS PIPES (TUBES)
 GAS PIPES
 RT ∞ GAS TUBES

GAS POCKETS

RT CAVITIES
 EVACUATING (VACUUM)

GAS PRESSURE

GS PRESSURE
 GAS PRESSURE
 RT ATMOSPHERIC PRESSURE
 COMPRESSED GAS
 INTERNAL PRESSURE
 PARTIAL PRESSURE

∞ GAS REACTORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT CHEMICAL REACTORS
 GAS COOLED REACTORS
 GASEOUS FISSION REACTORS

GAS RECOVERY

GS RECLAMATION
 GAS RECOVERY
 RT ENERGY TECHNOLOGY
 EXHAUST GASES
 GASEOUS DIFFUSION
 GASES
 ∞ RECOVERY
 WASTES

GAS SPECTROSCOPY

GS CHEMICAL TESTS
 CHEMICAL ANALYSIS
 GAS SPECTROSCOPY
 SPECTROSCOPY
 GAS SPECTROSCOPY
 FLAME SPECTROSCOPY
 RT MAGNETIC SPECTROSCOPY
 MASS SPECTROSCOPY
 OPTOGALVANIC SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY
 VISIBLE SPECTRUM

GAS STREAMS

GS GASES
 GAS STREAMS
 STREAMS
 GAS STREAMS
 RT JET FLOW
 LAMINAR FLOW
 TURBULENCE
 WIND TUNNELS

GAS TEMPERATURE

GS TEMPERATURE
 GAS TEMPERATURE
 RT ATMOSPHERIC TEMPERATURE
 INLET TEMPERATURE
 IONIZED GASES
 RAREFIED GASES
 SHOCK TUBES
 SHOCK WAVES
 TEMPERATURE MEASUREMENT

GAS TRANSPORT

SN *(ENCOMPASSES GAS DYNAMICS-
 EXCLUDES MATERIALS HANDLING)*
 RT ENERGY TRANSFER
 GASEOUS DIFFUSION
 HEAT TRANSFER
 KINETIC THEORY
 LIGHTHILL GAS MODEL
 MAGNETOHYDRODYNAMICS
 MASS TRANSFER
 POLLUTION TRANSPORT
 TRANSPORT THEORY

∞ GAS TUBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT COLD CATHODE TUBES
 GAS DISCHARGE TUBES
 GAS PIPES
 TRIGATRONS

GAS TUNGSTEN ARC WELDING

UF TIG WELDING
 TUNGSTEN INERT GAS WELDING
 GS WELDING
 ELECTRIC WELDING
 ARC WELDING
 GAS TUNGSTEN ARC WELDING

GAS TURBINE ENGINES

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-57 ENGINE
 J-57-P 20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-53 ENGINE
 T 56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 TURBORAMJET ENGINES
 T-58-GE-8B ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 HYDROGEN ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES

GAS TURBINE ENGINES

GAS TURBINE ENGINES-(CONT)

SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 T-58 ENGINE
 T 58-GE-8B ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 T-58 ENGINE
 T-58-GE-8B ENGINE
 RT AIRCRAFT ENGINES

GAS TURBINES

GAS TURBINE ENGINES-(CONT)

AXIAL FLOW TURBINES
BRAYTON CYCLE
EXTERNAL COMBUSTION ENGINES
FLAMEOUT
STEAM TURBINES
SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS TURBINES

GS TURBOMACHINERY
TURBINES
GAS TURBINES
RT AXIAL FLOW TURBINES
BRAYTON CYCLE
CLOSED CYCLES
COMBINED CYCLE POWER GENERATION
INTERNAL COMBUSTION ENGINES
SPRAY INGESTION
STEAM TURBINES
SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS VALVES

GS PNEUMATIC EQUIPMENT
GAS VALVES
VALVES
GAS VALVES
RT AUTOMATIC CONTROL VALVES
COCKS
DAMPERS (VALVES)
FUEL VALVES
RELIEF VALVES

GAS VISCOSITY

GS TRANSPORT PROPERTIES
VISCOSITY
RT GASEOUS DIFFUSION
LENNARD-JONES GAS

GAS WELDING

SN (EXCLUDES ELECTRIC WELDING IN THE
PRESENCE OF A CONTROLLED
GASEOUS ATMOSPHERE)
GS WELDING
LASER WELDING
FUSION WELDING
GAS WELDING
BRAZING
RT LOW TEMPERATURE BRAZING
GAS-METAL INTERACTIONS
PRESSURE WELDING

GAS-GAS INTERACTIONS

GS GAS-GAS INTERACTIONS
ASSOCIATION REACTIONS
RT DALTON LAW
DETONABLE GAS MIXTURES
EXHAUST EMISSION
GASEOUS DIFFUSION
∞ INTERACTIONS

GAS-ION INTERACTIONS

UF ION-GAS INTERACTIONS
RT GASEOUS DIFFUSION
∞ INTERACTIONS

GAS-LIQUID INTERACTIONS

GS GAS-LIQUID INTERACTIONS
AIR WATER INTERACTIONS
AIR SEA ICE INTERACTIONS
RT CONDENSING
ENERGY TRANSFER
EVAPORATION
GASEOUS DIFFUSION
HEAT TRANSFER
∞ INTERACTIONS
INTERFACIAL TENSION
MASS TRANSFER
MOMENTUM TRANSFER
NONCONDENSABLE GASES
SURFACE REACTIONS

GAS-METAL INTERACTIONS

GS FLUID-SOLID INTERACTIONS
GAS-SOLID INTERACTIONS
GAS-METAL INTERACTIONS
RT ABLATION
ADSORPTION
CHEMICAL REACTIONS
CHEMISORPTION
∞ CONDENSATION

GAS-METAL INTERACTIONS-(CONT)

CONDENSING
CORROSION
DIFFUSION
EVAPORATION
EXHAUST EMISSION
FLAME PROPAGATION
GAS WELDING
GASEOUS DIFFUSION
HOT CORROSION
HYDROGEN EMBRITTLEMENT
∞ INTERACTIONS
METAL COMBUSTION
METAL VAPORS
METAL-GAS SYSTEMS
OCCLUSION
SOLID PHASES
SUBLIMATION
SULFIDATION
VAPOR PHASES

GAS-SOLID INTERACTIONS

GS FLUID-SOLID INTERACTIONS
GAS-SOLID INTERACTIONS
GAS-METAL INTERACTIONS
RT AIR LAND INTERACTIONS
DYNAMIC LOADS
FLUID DYNAMICS
IMPINGEMENT
∞ INTERACTIONS
PANEL METHOD (FLUID DYNAMICS)

GAS-SOLID INTERFACES

GS BOUNDARIES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
INTERFACES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
RT BOUNDARY LAYERS
FLUID-SOLID INTERACTIONS
HEAT TRANSFER
INTERFACE STABILITY
METAL SURFACES
OCCLUSION
SOLID PHASES
SOLID-SOLID INTERFACES
SOLUBILITY
SUBLIMATION
VAPOR PHASES

GASDYNAMIC LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GASDYNAMIC LASERS
RT GAS FLOW
GAS LASERS
LASER OUTPUTS
PLASMA DYNAMIC LASERS
TUBE LASERS

GASEOUS CAVITATION

USE CAVITATION FLOW
GAS FLOW

GASEOUS DIFFUSION

UF GAS DIFFUSION
GS DIFFUSION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
TRANSPORT PROPERTIES
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
RT DIFFUSION COEFFICIENT
GAS DENSITY
GAS DYNAMICS
GAS FLOW
GAS LUBRICANTS
GAS RECOVERY
GAS TRANSPORT
GAS VISCOSITY
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
MOLECULAR DIFFUSION
POLLUTION TRANSPORT
THERMAL DIFFUSION

GASEOUS FISSION REACTORS

GS NUCLEAR REACTORS
GASEOUS FISSION REACTORS
RT FISSION FUELS
FISSIONABLE MATERIALS
∞ GAS REACTORS

NASA THESAURUS (VOLUME 1)

GASEOUS FISSION REACTORS-(CONT)

NUCLEAR LIGHTBULB ENGINES
NUCLEAR PROPULSION
PLASMA PROPULSION

GASEOUS FUELS

GS FUELS
GASEOUS FUELS
RT LIGNITE
LIQUID FUELS

GASEOUS ROCKET PROPELLANTS

GS PROPELLANTS
ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
ENDOTHERMIC FUELS
GAS MIXTURES
HIGH ENERGY PROPELLANTS
HYBRID PROPELLANTS
HYDROGEN FUELS
LIQUID ROCKET PROPELLANTS
MAN OPERATED PROPULSION SYSTEMS
MONOPROPELLANTS
STORABLE PROPELLANTS

GASEOUS SELF-DIFFUSION

GS DIFFUSION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
TRANSPORT PROPERTIES
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
RT ELECTRON DIFFUSION
GAS DYNAMICS
KINETIC THEORY
MOLECULAR DIFFUSION
PARTICLE DIFFUSION
PLASMA DIFFUSION

GASES

GS GASES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR
CARBON DIOXIDE
CARBON MONOXIDE
CARBON SUBOXIDES
COLD GAS
COMPRESSED GAS
HIGH PRESSURE OXYGEN
DISSOLVED GASES
EXHAUST GASES
FLUE GASES
FLAMMABLE GASES
LIQUEFIED NATURAL GAS
PYROGEN
GAS MIXTURES
ALVEOLAR AIR
COMPRESSED AIR
DETONABLE GAS MIXTURES
EXPIRED AIR
LIQUID AIR
GAS STREAMS
GRAY GAS
HIGH TEMPERATURE GASES
HIGH TEMPERATURE AIR
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
IDEAL GAS
IONIZED GASES
CHARGED PARTICLES
ARGON PLASMA
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
CONDUCTION ELECTRONS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA

GASES-(CONT)

ELLIPTICAL PLASMAS
 HELIUM PLASMA
 HIGH TEMPERATURE PLASMAS
 LASER PLASMAS
 METALLIC PLASMAS
 CESIUM PLASMA
 MICROPLASMAS
 NITROGEN PLASMA
 NUCLEI (NUCLEAR PHYSICS)
 EVEN-EVEN NUCLEI
 HEAVY NUCLEI
 HYPERNUCLEI
 ODD-EVEN NUCLEI
 ODD-ODD NUCLEI
 RAREFIED PLASMAS
 RELATIVISTIC PLASMAS
 ROTATING PLASMAS
 SOLAR WIND
 STELLAR WINDS
 THERMAL PLASMAS
 LIQUEFIED GASES
 LIQUEFIED NATURAL GAS
 LIQUID AIR
 LIQUID AMMONIA
 LIQUID FLUORINE
 LIQUID HELIUM
 LIQUID HELIUM 2
 LIQUID HYDROGEN
 LIQUID NEON
 LIQUID NITROGEN
 LIQUID OXYGEN
 LORENTZ GAS
 MOLECULAR GASES
 POLAR GASES
 POLYATOMIC GASES
 DIATOMIC GASES
 MONATOMIC GASES
 NATURAL GAS
 LIQUEFIED NATURAL GAS
 NITROGEN
 LIQUID NITROGEN
 NITROGEN IONS
 NONCONDENSABLE GASES
 NONGRAY GAS
 NONPOLAR GASES
 OXYGEN
 HIGH PRESSURE OXYGEN
 LIQUID OXYGEN
 OXYGEN ATOMS
 OXYGEN IONS
 OXYGEN ISOTOPES
 OXYGEN 18
 OXYGEN PLASMA
 OZONE
 OZONATES
 OZONIDES
 PHOSGENE
 RARE GASES
 ARGON
 ARGON ISOTOPES
 HELIUM
 HELIUM ATOMS
 HELIUM FILM
 HELIUM ISOTOPES
 LIQUID HELIUM
 LIQUID HELIUM 2
 KRYPTON
 NEON
 LIQUID NEON
 NEON ISOTOPES
 RADON
 RADON ISOTOPES
 XENON
 XENON ISOTOPES
 XENON 129
 XENON 133
 XENON 135
 RAREFIED GASES
 COSMIC GASES
 INTERPLANETARY GAS
 INTERSTELLAR GAS
 NEUTRAL GASES
 REAL GASES
 RESIDUAL GAS
 SOLIDIFIED GASES
 SOLID CRYOGENS
 RT ∞ ATMOSPHERES
 COAL GASIFICATION
 ∞ FLUIDS
 FUELS
 FUMES
 GAS DYNAMICS
 GAS FLOW
 GAS RECOVERY
 HYDROGEN CLOUDS

GASES-(CONT)

METAL-GAS SYSTEMS
 NONPOINT SOURCES
 ODORS
 PLASMAS (PHYSICS)
 PNEUMATICS
 PREVAPORIZATION
 REACTION PRODUCTS
 VAPOR PHASES
 VAPORS

GASIFICATION

GS GASIFICATION
 COAL GASIFICATION
 HYDROLYSIS
 RT SYNTHANE

GASKETS

GS SEALS (STOPPERS)
 GASKETS
 RT LABYRINTH SEALS
 O RING SEALS
 PUMP SEALS

GASOL (FUEL)

GS FUELS
 CHEMICAL FUELS
 SYNTHETIC FUELS
 GASOL (FUEL)
 RT ALCOHOLS
 GASOLINE

GASOLINE

GS FUELS
 CHEMICAL FUELS
 HYDROCARBON FUELS
 GASOLINE
 LIQUID FUELS
 GASOLINE
 RT ANTIKNOCK ADDITIVES
 AUTOMOBILE FUELS
 DIESEL FUELS
 GASOL (FUEL)
 JET ENGINE FUELS
 KEROGEN
 KEROSENE
 OCTANE NUMBER
 SHALE OIL
 SOLVENT REFINED COAL

GASP

USE GLOBAL AIR SAMPLING PROGRAM

GASTROINTESTINAL SYSTEM

GS ANATOMY
 DIGESTIVE SYSTEM
 GASTROINTESTINAL SYSTEM
 APPENDIX (ANATOMY)
 INTESTINES
 RECTUM
 STOMACH
 RT ABDOMEN
 COLIC
 GALL
 GLANDS (ANATOMY)
 LIVER
 ORGANS
 PANCREAS
 ∞ SYSTEMS

GATE (EXPERIMENT)

USE GARP ATLANTIC TROPICAL EXPERIMENT

∞ GATES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT CLOSURES
 GATES (CIRCUITS)
 GATES (OPENINGS)

GATES (CIRCUITS)

UF OR-GATES
 GS CIRCUITS
 GATES (CIRCUITS)
 THRESHOLD GATES
 RT COINCIDENCE CIRCUITS
 ∞ GATES
 LOGIC CIRCUITS
 LOGICAL ELEMENTS
 SWITCHING CIRCUITS
 THRESHOLD LOGIC
 TRIGGER CIRCUITS

GATES (OPENINGS)

RT APERTURES
 ∞ BARRIERS
 CANALS
 DOORS
 FENCES (BARRIERS)
 ∞ GATES
 HATCHES
 HYDRAULIC EQUIPMENT
 OPENINGS
 OUTLETS
 SAFETY DEVICES
 VENTS
 WALLS

GAUGE INVARIANCE

GS INVARIANCE
 GAUGE INVARIANCE
 RT ELECTROMAGNETIC RADIATION
 TRANSFORMATIONS (MATHEMATICS)

GAUGE THEORY

RT GRAVITATION THEORY
 ∞ THEORIES
 YANG-MILLS FIELDS
 YANG-MILLS THEORY

GAUSS EQUATION

UF GAUSS FUNCTION
 GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 GAUSS EQUATION
 RT ∞ EQUATIONS
 MAXWELL EQUATION

GAUSS FUNCTION

USE GAUSS EQUATION

GAUSS-MARKOV THEOREM

GS THEOREMS
 GAUSS-MARKOV THEOREM
 RT LEAST SQUARES METHOD
 STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)

GAUSSIAN DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

GAUSSIAN NOISE

USE RANDOM NOISE

GAUSSMETERS

USE MAGNETOMETERS

GAUZE

GS FABRICS
 GAUZE
 RT CASTS

GAW-1 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 WINGS
 GAW-1 AIRFOIL
 RT ATLIT PROJECT
 PA-34 SENECA AIRCRAFT
 WING PROFILES

GAW-2 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 WINGS
 GAW-2 AIRFOIL
 RT BODY-WING CONFIGURATIONS
 FLAPS (CONTROL SURFACES)
 GENERAL AVIATION AIRCRAFT
 WING PROFILES

GC-130 AIRCRAFT

USE C-130 AIRCRAFT

GCR (REACTORS)

USE GAS COOLED REACTORS

GDOP

USE GEOMETRIC DILUTION OF PRECISION

GE COMPUTERS

UF GENERAL ELECTRIC COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS

GE 625 COMPUTER

GE COMPUTERS-(CONT)

GE COMPUTERS

GE 625 COMPUTER
GE 635 COMPUTER

GE 625 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
GE COMPUTERS
GE 625 COMPUTER

GE 635 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
GE COMPUTERS
GE 635 COMPUTER

GEAR

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ARRESTING GEAR
GEARS
LANDING GEAR
MECHANICAL DRIVES

GEAR TEETH

RT GEARS
MECHANICAL DRIVES

GEARS

GS **GEARS**
RACKS (GEARS)
RT COUNTER-ROTATING WHEELS
GEAR
GEAR TEETH
IDLER
LUBRICATION
MECHANICAL DRIVES
TRANSMISSIONS (MACHINE ELEMENTS)
WHEELS
WINDMILLS (WINDPOWERED MACHINES)

GEGENSCHEIN

GS ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
GEGENSCHEIN
EXTRATERRESTRIAL RADIATION
GEGENSCHEIN
RT NIGHT SKY
POLARIZED LIGHT
SKY BRIGHTNESS
SOLAR RADIATION
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

GEHLENITE

GS ALUMINUM COMPOUNDS
GEHLENITE
CALCIUM COMPOUNDS
CALCIUM SILICATES
GEHLENITE
MAGNESIUM COMPOUNDS
GEHLENITE
MINERALS
GEHLENITE
AKERMANITE
SILICON COMPOUNDS
SILICATES
CALCIUM SILICATES
GEHLENITE
RT ALUMINUM OXIDES

GEIGER COUNTERS

UF GEIGER-MUELLER TUBES
GS IONIZATION CHAMBERS
GEIGER COUNTERS
MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
GEIGER COUNTERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
GEIGER COUNTERS
RT DOSIMETERS
NEUTRON COUNTERS
OVERVOLTAGE
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
RADIATION DETECTORS

GEIGER-MUELLER TUBES

USE GEIGER COUNTERS

GEL PERMEATION CHROMATOGRAPHY

USE LIQUID CHROMATOGRAPHY

GELATINS

RT COLLAGENS
FOOD
GELS
NONNEWTONIAN FLUIDS

GELATION

RT COAGULATION
COLLOIDING
GELS
SOLIDIFICATION
THIXOTROPY

GELLED PROPELLANTS

GS PROPELLANTS
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
RT CHEMICAL FUELS
COLLOIDAL PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
HYDROGEN FUELS
METAL FUELS
METAL PROPELLANTS
PLASTIC PROPELLANTS
PROPELLANT ADDITIVES
SOLID PROPELLANTS

GELLED ROCKET PROPELLANTS

UF THIXOTROPIC PROPELLANTS
GS PROPELLANTS
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
RT CHEMICAL FUELS
CRYOGENIC ROCKET PROPELLANTS
GELS
HIGH TEMPERATURE PROPELLANTS
HYBRID PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID FUELS
METAL PROPELLANTS
MONOPROPELLANTS
SLURRY PROPELLANTS
SOLID ROCKET PROPELLANTS
STORABLE PROPELLANTS
GS **GELS**
DOUBLE BASE ROCKET PROPELLANTS
SILICA GEL
RT COLLOIDS
DOPES
GELATINS
GELATION
GELLED ROCKET PROPELLANTS
NONNEWTONIAN FLUIDS
SLURRIES
THICKENERS (MATERIALS)
THIXOTROPY

GEMINI (GT-1) SPACECRAFT

GS MANNED SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
SOFT LANDING SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI B SPACECRAFT

GS MANNED SPACECRAFT
GEMINI B SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
GEMINI B SPACECRAFT
SOFT LANDING SPACECRAFT
GEMINI B SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI FLIGHTS

GS SPACE FLIGHT
MANNED SPACE FLIGHT

NASA THESAURUS (VOLUME 1)

GEMINI FLIGHTS-(CONT)

GEMINI FLIGHTS

GEMINI 3 FLIGHT
GEMINI 4 FLIGHT
GEMINI 5 FLIGHT
GEMINI 6 FLIGHT
GEMINI 7 FLIGHT
GEMINI 8 FLIGHT
GEMINI 9 FLIGHT
GEMINI 10 FLIGHT
GEMINI 11 FLIGHT
GEMINI 12 FLIGHT

GEMINI PROJECT

GS PROGRAMS
NASA PROGRAMS
GEMINI PROJECT
NASA SPACE PROGRAMS
GEMINI PROJECT
PROJECTS
GEMINI PROJECT
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
INTEGRATED MISSION CONTROL
CENTER
MERCURY PROJECT
TITAN PROJECT

GEMINI SPACECRAFT

GS MANNED SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
SOFT LANDING SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
RT MANNED SPACE FLIGHT
SPACE CAPSULES
TITAN PROJECT

GEMINI 2 SPACECRAFT

GS MANNED SPACECRAFT
GEMINI SPACECRAFT
GEMINI 2 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
GEMINI SPACECRAFT
GEMINI 2 SPACECRAFT
SOFT LANDING SPACECRAFT
GEMINI SPACECRAFT
GEMINI 2 SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI 3 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
GEMINI FLIGHTS
GEMINI 3 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 4 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
GEMINI FLIGHTS
GEMINI 4 FLIGHT

GEMINI 5 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
GEMINI FLIGHTS
GEMINI 5, FLIGHT

GEMINI 6 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
GEMINI FLIGHTS
GEMINI 6 FLIGHT

GEMINI 7 FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
GEMINI FLIGHTS
GEMINI 7 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 8 FLIGHT

GS SPACE FLIGHT

NASA THESAURUS (VOLUME 1)

GEMINI 8 FLIGHT-(CONT)

MANED SPACE FLIGHT
GEMINI FLIGHTS
RT TITAN LAUNCH VEHICLES

GEMINI 9 FLIGHT

GS SPACE FLIGHT
MANED SPACE FLIGHT
GEMINI FLIGHTS
RT TITAN LAUNCH VEHICLES

GEMINI 10 FLIGHT

GS SPACE FLIGHT
MANED SPACE FLIGHT
GEMINI FLIGHTS
RT TITAN LAUNCH VEHICLES

GEMINI 11 FLIGHT

GS SPACE FLIGHT
MANED SPACE FLIGHT
GEMINI FLIGHTS
RT TITAN LAUNCH VEHICLES

GEMINI 12 FLIGHT

GS SPACE FLIGHT
MANED SPACE FLIGHT
GEMINI FLIGHTS
RT TITAN LAUNCH VEHICLES

GEMINID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
GEMINID METEORIODS
METEORIODS
GEMINID METEORIODS

GENERAL AVIATION AIRCRAFT

UF EXECUTIVE AIRCRAFT
PRIVATE AIRCRAFT
GS GENERAL AVIATION AIRCRAFT
AGRICULTURAL AIRCRAFT
BEECHCRAFT 18 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 210 AIRCRAFT
CESSNA 402B AIRCRAFT
CL-600 CHALLENGER AIRCRAFT
DH 125 AIRCRAFT
DHC 2 AIRCRAFT
DO-27 AIRCRAFT
DO-28 AIRCRAFT
G-1 AIRCRAFT
HC-3 HELICOPTER
YAK 40 AIRCRAFT
RT AERONAUTICS
AIRCRAFT
CIVIL AVIATION
COMMERCIAL AIRCRAFT
GAW-2 AIRFOIL
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
LOW WING AIRCRAFT
PASSENGER AIRCRAFT
PIPER AIRCRAFT
SUBSONIC AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT

GENERAL AVIATION WHITCOMB AIRFOIL

USE GAW-1 AIRFOIL
GAW-2 AIRFOIL

GENERAL DYNAMICS AIRCRAFT

UF CONVAIR MILITARY AIRCRAFT
GENERAL DYNAMICS MILITARY AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
B-58 AIRCRAFT
C-131 AIRCRAFT
CANADAIR AIRCRAFT
CL-41 AIRCRAFT
CL-44 AIRCRAFT
CL-84 AIRCRAFT
CV-340 AIRCRAFT
CV-440 AIRCRAFT

GENERAL DYNAMICS AIRCRAFT-(CONT)

CV-880 AIRCRAFT
CV-990 AIRCRAFT
F-102 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
RT AIRCRAFT
PA-34 SENECA AIRCRAFT

GENERAL DYNAMICS MILITARY AIRCRAFT

USE GENERAL DYNAMICS AIRCRAFT
MILITARY AIRCRAFT

GENERAL ELECTRIC COMPUTERS

USE GE COMPUTERS

GENERALIZATION (PSYCHOLOGY)

RT TRANSFER OF TRAINING

GENERATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT COGENERATION
HEAT GENERATION
INITIATION
REGENERATION (ENGINEERING)

GENERATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AC GENERATORS
ARC GENERATORS
BOILERS
CAVITY VAPOR GENERATORS
COLLOIDAL GENERATORS
DECOMMUTATORS
DIRECT POWER GENERATORS
DUOCHROMATORS
ELECTRIC GENERATORS
ELECTROSTATIC GENERATORS
ENERGY CONVERSION EFFICIENCY
FUNCTION GENERATORS
GAS GENERATORS
HALL GENERATORS
HARMONIC GENERATORS
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GEOS 2 SATELLITE

UF GEOS-B SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
GEOS 2 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
GEOS 2 SATELLITE
RT ACTIVE SATELLITES
ANNA SATELLITES
CELESTIAL GEODESY
EXPLORER 36 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE

GEOS 3 SATELLITE

UF GEOS-C SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
GEOS 3 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
GEOS 3 SATELLITE
RT ACTIVE SATELLITES
ANNA SATELLITES
CELESTIAL GEODESY
LARGOS SATELLITE
PAGEOS SATELLITE

GEOS-B SATELLITE

USE GEOS 2 SATELLITE

GEOS-C SATELLITE

USE GEOS 3 SATELLITE

GEOS-D SATELLITE

UF GEODYNAMIC EXPERIMENTAL OCEAN
SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
GEOS-D SATELLITE

GEOSARI PROJECT

GS PROGRAMS
PROJECTS
GEOSARI PROJECT
RT ARIANE LAUNCH VEHICLE
EUROPEAN SPACE AGENCY
GEOS SATELLITES (ESA)

GEOSTATIONARY OPERATIONAL ENVIRON SATS

USE GOES SATELLITES

GEOSTATIONARY OPERATL ENVIRON SATELLITE

B
USE GOES 2

GEOSTATIONARY PLATFORMS

USE SYNCHRONOUS PLATFORMS

GEOSTATIONARY SATELLITES

USE SYNCHRONOUS SATELLITES

GEOSTROPHIC WIND

GS WIND (METEOROLOGY)
WINDS ALOFT
GEOSTROPHIC WIND
RT BAROCLINIC INSTABILITY
BAROCLINIC WAVES
DIVERGENCE
ISOBARS (PRESSURE)
SEA BREEZE
WIND SHEAR

GEOSYNCHRONOUS ORBITS

GS ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
GEOSYNCHRONOUS ORBITS
RT CIRCULAR ORBITS
EQUATORIAL ORBITS
INFRARED ASTRONOMY SATELLITE
STATIONARY ORBITS
SYNCHRONOUS PLATFORMS
TWENTY-FOUR HOUR ORBITS

GEOSYNCLINES

RT ANTICLINES
DOMES (GEOLOGY)
LAYERS
STRATA
STRATIFICATION
STRATIGRAPHY
SYNCLINES

GEOTECHNICAL ENGINEERING

RT FOUNDATIONS
SOIL MECHANICS
STRUCTURAL DESIGN CRITERIA
STRUCTURAL ENGINEERING

GEOTECHNICAL FABRICS

UF GEOFABRICS
GEOTEXTILES
RT FABRICS
SOIL MECHANICS

GEOTEMPERATURE

UF GEOTHERMOMETRY
RT GEOLOGY
GEOTHERMAL ANOMALIES
TEMPERATURE

GEOTEXTILES

USE GEOTECHNICAL FABRICS

GEOTHERMAL ANOMALIES

GS ANOMALIES
GEOTHERMAL ANOMALIES
RT GEOTEMPERATURE
GEOTHERMAL RESOURCES
SURFACE TEMPERATURE
THERMAL MAPPING

GEOTHERMAL ENERGY CONVERSION

GS ENERGY CONVERSION
GEOTHERMAL ENERGY CONVERSION
RT CLEAN ENERGY
CONVERSION
EARTH RESOURCES
ENGINES
HEAT TRANSFER
HEAT TRANSMISSION
OCEAN THERMAL ENERGY CONVERSION
THERMAL ENERGY
TURBINES
TURBOGENERATORS

GEOTHERMAL ENERGY EXTRACTION

GS EXTRACTION
GEOTHERMAL ENERGY EXTRACTION
RT ENERGY CONVERSION
ENERGY TECHNOLOGY
HEAT EXCHANGERS

GEOTHERMAL ENERGY EXTRACTION-(CONT)

HEAT PUMPS
HEAT TRANSMISSION
HEATING
TURBINES
TURBOGENERATORS
WATER HEATING

GEOTHERMAL ENERGY UTILIZATION

GS UTILIZATION
GEOTHERMAL ENERGY UTILIZATION
RT COOLING
ELECTRIC POWER
ENERGY STORAGE
HEAT PIPES
HEAT STORAGE
HEATING
POWER PLANTS
TURBOGENERATORS

GEOTHERMAL RESOURCES

GS HEAT SOURCES
THERMAL RESOURCES
GEOTHERMAL RESOURCES
GEYSERS
RESOURCES
EARTH RESOURCES
THERMAL RESOURCES
GEOTHERMAL RESOURCES
GEYSERS
RT DRY HEAT
ENERGY SOURCES
GEOPHYSICAL FLUIDS
GEOPRESSURE
GEOTHERMAL ANOMALIES
HEAT TRANSMISSION
HYDROTHERMAL SYSTEMS
THERMAL ENERGY
THERMAL MAPPING
UNDERWATER RESOURCES

GEOTHERMAL TECHNOLOGY

GS TECHNOLOGIES
ENERGY TECHNOLOGY
GEOTHERMAL TECHNOLOGY
RT DRY HEAT
EXPLORATION
GEOPHYSICAL FLUIDS
GEOPRESSURE
GEYSERS
HEAT SOURCES
HEAT TRANSFER
OCEAN THERMAL ENERGY CONVERSION
RESOURCES
THERMAL RESOURCES

GEOTHERMOMETRY

USE GEOTEMPERATURE

GEOTROPISM

GS TROPISM
GEOTROPISM
RT GRAVITATIONAL EFFECTS
PHYSIOLOGICAL EFFECTS
PLANTS (BOTANY)

GEP TELESCOPES

USE PARTICLE TELESCOPES

GERDIEN ARC HEATERS

USE ARC HEATING
HEATING EQUIPMENT

GERDIEN CONDENSERS

GS MEASURING INSTRUMENTS
GERDIEN CONDENSERS
RT CAPACITORS
ION DENSITY (CONCENTRATION)

GERIATRICS

GS MEDICAL SCIENCE
GERIATRICS
RT AGING (BIOLOGY)
GERONTOLOGY

GERMAN DEMOCRATIC REPUBLIC

USE EAST GERMANY

GERMANATES

GS GERMANIUM COMPOUNDS
GERMANATES
MAGNESIUM GERMANATES

GERMANIDES

GERMANIDES

- GS GERMANIUM COMPOUNDS
 GERMANIDES
 MAGNESIUM GERMANIDES
- RT GERMANIUM ALLOYS

GERMANIUM

- GS CHEMICAL ELEMENTS
 METALLOIDS
 GERMANIUM
 GERMANIUM ISOTOPES

GERMANIUM ALLOYS

- GS ALLOYS
 GERMANIUM ALLOYS
- RT GERMANIDES

GERMANIUM ANTIMONIDES

- GS ANTIMONY COMPOUNDS
 ANTIMONIDES
 GERMANIUM ANTIMONIDES
 GERMANIUM COMPOUNDS
 GERMANIUM ANTIMONIDES

GERMANIUM CHLORIDES

- GS GERMANIUM COMPOUNDS
 GERMANIUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
 GERMANIUM CHLORIDES
 HALIDES
 CHLORIDES
 GERMANIUM CHLORIDES

GERMANIUM COMPOUNDS

- GS **GERMANIUM COMPOUNDS**
 GERMANATES
 MAGNESIUM GERMANATES
 GERMANIDES
 MAGNESIUM GERMANIDES
 GERMANIUM ANTIMONIDES
 GERMANIUM CHLORIDES
 GERMANIUM OXIDES
 ORGANIC GERMANIUM COMPOUNDS
- RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ METAL COMPOUNDS

GERMANIUM DIODES

- UF GERMANIUM RECTIFIERS
- GS ELECTRONIC EQUIPMENT
 DIODES
 SEMICONDUCTOR DIODES
 GERMANIUM DIODES
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 GERMANIUM DIODES
 RECTIFIERS
 GERMANIUM DIODES
- RT JUNCTION DIODES
 TRANSISTORS

GERMANIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 METALLOIDS
 GERMANIUM
 GERMANIUM ISOTOPES
 NUCLIDES
 ISOTOPES
 GERMANIUM ISOTOPES

GERMANIUM OXIDES

- GS CHALCOGENIDES
 OXIDES
 GERMANIUM OXIDES
 GERMANIUM COMPOUNDS
 GERMANIUM OXIDES
- RT ∞ OXYGEN COMPOUNDS

GERMANIUM RECTIFIERS

- USE GERMANIUM DIODES

∞ GERMANY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT EAST GERMANY
 WEST GERMANY

GERMICIDES

- USE BACTERICIDES

GERMINATION

- RT CROP GROWTH
 GROWTH
 PHYTOTRONS
 VIABILITY

GERMINATORS

- USE PHYTOTRONS

GERONTOLOGY

- RT AGE FACTOR
 AGING (BIOLOGY)
 GERIATRICS
 LIFE SPAN

GERT

- UF GRAPHIC EVALUATION AND REVIEW
 TECHNIQUES
- RT CRITICAL PATH METHOD
 MANAGEMENT
 MANAGEMENT ANALYSIS
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 ∞ METHODOLOGY
 PERT
 PROJECT MANAGEMENT

GESTALT THEORY

- RT PSYCHOTHERAPY
 ∞ THEORIES

GETOL AIRCRAFT

- GS GROUND EFFECT MACHINES
 GETOL AIRCRAFT
- RT ∞ AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

GETTERS

- RT ION PUMPS
 PROPARGYL GROUPS
 PURIFICATION
 RESIDUAL GAS
 VACUUM
 VAPOR TRAPS

GEYSERS

- GS HEAT SOURCES
 THERMAL RESOURCES
 GEOTHERMAL RESOURCES
 GEYSERS
 RESOURCES
 EARTH RESOURCES
 THERMAL RESOURCES
 GEOTHERMAL RESOURCES
 GEYSERS
- RT ANOMALOUS TEMPERATURE ZONES
 GEOTHERMAL TECHNOLOGY
 HYDROGEOLOGY
 HYDROTHERMAL SYSTEMS

GHANA

- GS NATIONS
 GHANA
- RT AFRICA

GHOSTS

- RT DISTORTION
 RADAR ECHOES
 RADIO ECHOES

GIACOBINI-ZINNER COMET

- GS CELESTIAL BODIES
 COMETS
 GIACOBINI-ZINNER COMET
- RT DRACONID METEORIODS

GIANT STARS

- GS CELESTIAL BODIES
 STARS
 S STARS
 GIANT STARS
 RED GIANT STARS
 CARBON STARS
- RT COOL STARS
 LATE STARS
 M STARS
 MAIN SEQUENCE STARS
 SUBGIANT STARS
 SUPERGIANT STARS

GIBBERELLINS

- GS FUNGI
 GIBBERELLINS

NASA THESAURUS (VOLUME 1)

GIBBERELLINS-(CONT)

- REGULATORS
 GIBBERELLINS
- RT HEMOSTATICS

GIBBS ADSORPTION EQUATION

- RT ADSORPTION
 ∞ EQUATIONS
 ∞ GIBBS EQUATIONS
 INTERFACIAL TENSION

∞ GIBBS EQUATIONS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ EQUATIONS
 GIBBS ADSORPTION EQUATION
 GIBBS FREE ENERGY
 GIBBS-HELMHOLTZ EQUATIONS
 PHASE RULE

GIBBS FREE ENERGY

- GS THERMODYNAMIC PROPERTIES
 FREE ENERGY
 GIBBS FREE ENERGY
- RT ENTHALPY
 ∞ GIBBS EQUATIONS
 GIBBS-HELMHOLTZ EQUATIONS
 MAYER PROBLEM

GIBBS PHENOMENON

- RT DISCONTINUITY
 FOURIER SERIES
 SERIES (MATHEMATICS)

GIBBS-HELMHOLTZ EQUATIONS

- RT ELECTRIC POTENTIAL
 ENTHALPY
 ∞ EQUATIONS
 FREE ENERGY
 ∞ GIBBS EQUATIONS
 GIBBS FREE ENERGY
 INTERNAL ENERGY
 PRESSURE
 TEMPERATURE

GIMBALLESS INERTIAL NAVIGATION

- GS NAVIGATION
 INERTIAL NAVIGATION
 GIMBALLESS INERTIAL NAVIGATION
- RT GYROSCOPES
 INERTIAL PLATFORMS
 NAVIGATION INSTRUMENTS

GIMBALS

- RT BEARINGS
 CONTROL MOMENT GYROSCOPES
 FLUID ROTOR GYROSCOPES
 GYRODAMPERS
 GYROSCOPES
 PIVOTS
 STABILIZED PLATFORMS
 SUPPORTS
 SWIVELS

GIOTTO MISSION

- GS ESA SPACECRAFT
 GIOTTO MISSION
 FLYBY MISSIONS
 GIOTTO MISSION
 SPACE MISSIONS
 GIOTTO MISSION
 UNMANNED SPACECRAFT
 SPACE PROBES
 GIOTTO MISSION
- RT HALLEY'S COMET

GIRDER WEBS

- GS STRUCTURAL MEMBERS
 PLATES (STRUCTURAL MEMBERS)
 GIRDER WEBS
 WEBS (SUPPORTS)
 GIRDER WEBS
- RT ELASTIC SHEETS
 GIRDERS
 METAL PLATES

GIRDERS

- GS STRUCTURAL MEMBERS
 GIRDERS
 BEAMS (SUPPORTS)
 BOX BEAMS
 GIRDER WEBS
 PLATES (STRUCTURAL MEMBERS)

GIRDERS-(CONT)
TRUSSES**GIRDLES**RT ∞ BELTS
PELVIS**GLACIAL DRIFT**UF DRUMLINS
END MORAINES
ESKERS
GLACIOFLUVIAL DEPOSITS
MORAINES
STOSS-AND-LEE TOPOGRAPHY
RT DEBRIS
GLACIERS
KETTLES (GEOLOGY)
LAND ICE
LANDFORMS
SEA ICE
SEDIMENTS**GLACIERS**UF ACTIVE GLACIERS
ADVANCING GLACIERS
GS CREVASSES
GLACIERS
ICE
GLACIERS
RESOURCES
EARTH RESOURCES
GLACIERS
RT CIRQUES (LANDFORMS)
GLACIAL DRIFT
GLACIOLOGY
LAND ICE
SEA ICE**GLACIOFLUVIAL DEPOSITS**

USE GLACIAL DRIFT

GLACIOLOGYGS GEOLOGY
GLACIOLOGY
RT GEOMORPHOLOGY
GLACIERS
HYDROGEOLOGY
ISOSTASY∞ **GLANDS**SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT GLANDS (ANATOMY)
GLANDS (SEALS)
PUMP SEALS**GLANDS (ANATOMY)**GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
ADRENAL GLAND
GONADS
OVARIES
PANCREAS
PARATHYROID GLAND
PINEAL GLAND
PITUITARY GLAND
PROSTATE GLAND
THYMUS GLAND
THYROID GLAND
MAMMARY GLANDS
SALIVARY GLANDS
SEBACEOUS GLANDS
SEX GLANDS
GONADS
OVARIES
PROSTATE GLAND
TESTES
RT ENDOCRINE SYSTEMS
GASTROINTESTINAL SYSTEM
∞ GLANDS
LIVER
ORGANS
SECRETIONS**GLANDS (SEALS)**GS SEALS (STOPPERS)
GLANDS (SEALS)
RT ∞ GLANDS
LABYRINTH SEALS
O RING SEALS
PACKINGS (SEALS)
PUMP SEALS
SEALING**GLARE**RT BRIGHTNESS
COMFORT
DAYGLOW
ELECTROMAGNETIC RADIATION
HUMAN FACTORS ENGINEERING
ILLUMINATING
LIGHT (VISIBLE RADIATION)
LUMINANCE
LUSTER
OPTICAL PROPERTIES
RADIANCE
SKY BRIGHTNESS
SPECULAR REFLECTION
SPREAD REFLECTION
VISIBILITY
VISION**GLASS**GS **GLASS**
BOROSILICATE GLASS
E GLASS
S GLASS
GLASS FIBERS
METALLIC GLASSES
OBSIDIAN GLASS
PYROCERAM (TRADEMARK)
SILICA GLASS
SPIN GLASS
VYCOR
RT AMORPHOUS MATERIALS
CERAMICS
ELECTROSTATIC BONDING
GLASSWARE
GLASSY CARBON
GRIFFITH CRACK
∞ MATERIALS
MOLDAVITE
OBSIDIAN
OPTICAL PROPERTIES
PHOTOGRAPHIC PLATES
PORCELAIN
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION**GLASS COATINGS**SN (COATINGS CONSISTING OF GLASS)
GS COATINGS
GLASS COATINGS
RT GLAZES
METALLIC GLASSES
PROTECTIVE COATINGS
SILICA GLASS**GLASS ELECTRODES**GS ELECTRODES
GLASS ELECTRODES
RT ELECTROCHEMISTRY
ION EXCHANGING
SILICA GLASS**GLASS FIBER REINFORCED PLASTICS**GS COMPOSITE MATERIALS
FIBER COMPOSITES
GLASS FIBER REINFORCED
PLASTICS
REINFORCED PLASTICS
GLASS FIBER REINFORCED
PLASTICS
RT AIRFRAME MATERIALS
COMPOSITE STRUCTURES
E GLASS
FIBER ORIENTATION
FIBER REINFORCED COMPOSITES
FIBERS
LAMINATES
PLASTIC AIRCRAFT STRUCTURES
PULTRUSION
REINFORCING FIBERS
S GLASS
THERMOPLASTIC RESINS
THERMOSETTING RESINS**GLASS FIBERS**UF FIBERGLASS
GS FIBERS
SYNTHETIC FIBERS
GLASS FIBERS
GLASS
GLASS FIBERS
RT BORON FIBERS
E GLASS
GRADIENT INDEX OPTICS
METALLIC GLASSES**GLASS FIBERS-(CONT)**REINFORCING FIBERS
S GLASS
SILICA GLASS
VYCOR**GLASS LASERS**GS STIMULATED EMISSION DEVICES
LASERS
GLASS LASERS
RT HIGH POWER LASERS
LASER FUSION
LASER OUTPUTS
LASER PLASMA INTERACTIONS
LASER TARGETS
NEODYMIUM LASERS
OPTICAL PUMPING
PULSED LASERS
ULTRASHORT PULSED LASERS**GLASSWARE**RT BOROSILICATE GLASS
BOTTLES
BURETTES
∞ CONTAINERS
FLASKS
GLASS
LABORATORY EQUIPMENT
PIPETTES
SILICA GLASS**GLASSY CARBON**GS COMPOSITE MATERIALS
GLASSY CARBON
RT GLASS
∞ MATERIALS**GLAUBER THEORY**RT APPROXIMATION
ELASTIC SCATTERING
POMERANCHUK THEOREM
∞ THEORIES**GLAUCOMA**GS DISEASES
EYE DISEASES
GLAUCOMA
RT INTRAOCULAR PRESSURE**GLAUERT COEFFICIENT**USE AERODYNAMIC FORCES
MACH NUMBER**GLAZES**GS COATINGS
GLAZES
FINISHES
GLAZES
RT CERAMICS
FRIT
GLASS COATINGS
PORCELAIN
PROTECTIVE COATINGS**GLIDE ANGLES**

USE GLIDE PATHS

GLIDE LANDINGSGS LANDING
GLIDE LANDINGS
HORIZONTAL SPACECRAFT LANDING
RT AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING**GLIDE PATHS**UF GLIDE ANGLES
GLIDE SLOPES
FLIGHT PATHS
GLIDE PATHS
SLOPES
GLIDE PATHS
RT AIRCRAFT APPROACH SPACING
APPROACH CONTROL
APPROACH INDICATORS
GLIDING
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
TERMINAL GUIDANCE

GLIDE SLOPES

GLIDE SLOPES
 USE GLIDE PATHS

GLIDERS
 UF SAILPLANES
 GS **GLIDERS**
 ASSET GLIDERS
 BOOSTGLIDE VEHICLES
 X-20 AIRCRAFT
 HANG GLIDERS
 HL-10 REENTRY VEHICLE
 HYPERSONIC GLIDERS
 X-20 AIRCRAFT
 JANUS SPACECRAFT
 KA-6 SAILPLANES
 PARAGLIDERS
 INFLATABLE GLIDERS
 PARAWINGS
 RT AEROSPACEPLANES
 ∞ AIRCRAFT
 FLEXIBLE WINGS
 FREE FLIGHT
 GLIDING
 LIFTING REENTRY VEHICLES
 ∞ MILITARY AIRCRAFT
 MONOPLANES
 OBSERVATION AIRCRAFT
 SAILS
 SAILWINGS
 SOARING
 ∞ SUBSONIC AIRCRAFT
 TOWED BODIES
 ∞ WINGED VEHICLES

GLIDING
 RT BOOSTGLIDE VEHICLES
 DESCENT
 ∞ FLIGHT
 FLIGHT PATHS
 FREE FLIGHT
 GLIDE PATHS
 GLIDERS
 KA-6 SAILPLANES
 LIFT
 ∞ MOTION
 SOARING

GLIMM METHOD
 GS PROCEDURES
 GLIMM METHOD
 RT ∞ EQUATIONS
 FLUID DYNAMICS
 ∞ METHODOLOGY

GLINT
 RT ANGELS
 RADAR ECHOES
 SCINTILLATION

GLOBAL AIR POLLUTION
 GS POLLUTION
 ENVIRONMENT POLLUTION
 AIR POLLUTION
 GLOBAL AIR POLLUTION
 RT EARTH ATMOSPHERE
 ENVIRONMENTS
 POLLUTION MONITORING
 POLLUTION TRANSPORT

GLOBAL AIR SAMPLING PROGRAM
 UF GASP
 RT AIR POLLUTION
 AIR SAMPLING
 ENVIRONMENTAL QUALITY
 SAMPLING

GLOBAL ATMOSPHERIC RESEARCH PROGRAM
 UF GARP
 GS PROGRAMS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 GARP ATLANTIC TROPICAL
 EXPERIMENT
 RT AEROLOGY
 INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS
 METEOROLOGY
 NASA PROGRAMS
 WEATHER
 WEATHER RECONNAISSANCE AIRCRAFT

GLOBAL COMMUNICATIONS ANTENNA GRID
 (NAVY)
 USE SEAFARER PROJECT

GLOBAL POSITIONING SYSTEM
 RT AUTONOMOUS SPACECRAFT CLOCKS
 FLIGHT PATHS
 NAVIGATION
 POSITION INDICATORS
 SATELLITE NAVIGATION SYSTEMS
 SPACE NAVIGATION
 ∞ SYSTEMS

GLOBAL TRACKING NETWORK
 UF GLOTRAC (TRACKING NETWORK)
 GS STATIONS
 TRACKING STATIONS
 GLOBAL TRACKING NETWORK
 TRACKING NETWORKS
 GLOBAL TRACKING NETWORK
 RT DATA ACQUISITION
 GROUND STATIONS
 MINITRACK SYSTEM
 NASCOM NETWORK
 OPTICAL TRACKING
 RADIO RELAY SYSTEMS
 RANGE AND RANGE RATE TRACKING
 SATELLITE TRACKING
 SPACE FLIGHT TRACKING AND DATA
 NETWORK
 STDN (NETWORK)

∞ GLOBES
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT EARTH (PLANET)
 LUMINAIRES
 MAPS
 SPHERES

GLOBULAR CLUSTERS
 GS CELESTIAL BODIES
 GLOBULAR CLUSTERS
 HORIZONTAL BRANCH STARS
 RT COLOR-MAGNITUDE DIAGRAM
 METALLICITY
 STAR DISTRIBUTION

GLOBULES
 RT FALLING SPHERES
 INTERFACIAL TENSION
 LIQUIDS
 MICROBALLOONS
 SPHERES

GLOBULINS
 GS PROTEINS
 GLOBULINS
 GAMMA GLOBULIN

GLOMERULUS
 GS ANATOMY
 CARDIOVASCULAR SYSTEM
 BLOOD VESSELS
 GLOMERULUS
 CIRCULATORY SYSTEM
 VASCULAR SYSTEM
 BLOOD VESSELS
 GLOMERULUS

GLOSSARIES
 USE DICTIONARIES

GLOSTER GA-5 AIRCRAFT
 USE GA-5 AIRCRAFT

GLOTRAC (TRACKING NETWORK)
 USE GLOBAL TRACKING NETWORK

GLOTTIS
 GS LARYNX
 GLOTTIS
 RT VOCAL CORDS

GLOVES
 GS CLOTHING
 GLOVES
 RT PROTECTIVE CLOTHING

GLOW
 USE LUMINESCENCE

GLOW DISCHARGES
 GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
 GLOW DISCHARGES
 RT CATHODE GLOW

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GLOW DISCHARGES-(CONT)
 ELECTRIC ARCS
 ELECTRIC CORONA
 ELECTRODELESS DISCHARGES
 FARADAY DARK SPACE
 GAS DISCHARGES
 LIGHT SOURCES
 PLASMA DISPLAY DEVICES
 PLASMA RADIATION

GLUCOSE
 GS ALIPHATIC COMPOUNDS
 SUGARS
 GLUCOSE
 CARBOHYDRATES
 SUGARS
 GLUCOSE

GLUCOSIDES
 UF GLYCOSIDES
 GS ALIPHATIC COMPOUNDS
 GLUCOSIDES
 CARBOHYDRATES
 GLUCOSIDES
 RT NUCLEOSIDES

GLUES
 GS ADHESIVES
 GLUES
 RT PASTES
 SIZING MATERIALS
 TETRAETHYL ORTHOSILICATE

GLUONS
 GS PARTICLES
 ELEMENTARY PARTICLES
 GLUONS
 RT LEPTONS
 MESONS
 QUANTUM CHROMODYNAMICS
 QUARKS

GLUTAMATES
 GS ALIPHATIC COMPOUNDS
 GLUTAMATES
 ESTERS
 GLUTAMATES
 RT GLUTAMIC ACID

GLUTAMIC ACID
 GS ACIDS
 AMINO ACIDS
 GLUTAMIC ACID
 ALIPHATIC COMPOUNDS
 GLUTAMIC ACID
 ORGANIC COMPOUNDS
 AMINO ACIDS
 GLUTAMIC ACID
 RT GLUTAMATES

GLUTAMINE
 GS ACIDS
 AMINO ACIDS
 GLUTAMINE
 ALIPHATIC COMPOUNDS
 GLUTAMINE
 ORGANIC COMPOUNDS
 AMINO ACIDS
 GLUTAMINE

GLUTATHIONE
 GS ACIDS
 AMINO ACIDS
 GLUTATHIONE
 ALIPHATIC COMPOUNDS
 GLUTATHIONE
 ORGANIC COMPOUNDS
 AMINO ACIDS
 GLUTATHIONE
 PROTEINS
 COENZYMES
 GLUTATHIONE

GLYCERIDES
 GS ALIPHATIC COMPOUNDS
 GLYCERIDES
 ESTERS
 GLYCERIDES
 RT GLYCEROLS
 NITROGLYCERIN

GLYCERINS
 USE GLYCEROLS

GLYCEROLS

UF GLYCERINS
 GS ALIPHATIC COMPOUNDS
GLYCEROLS
 RT ALCOHOLS
 CARBOHYDRATES
 GLYCERIDES
 LIPIDS
 LIQUIDS
 NITROGLYCERIN
 TRIACETIN

GLYCINE

GS ACIDS
 AMINO ACIDS
GLYCINE
 ORGANIC COMPOUNDS
 AMINO ACIDS
GLYCINE

GLYCOGENS

GS ALIPHATIC COMPOUNDS
 POLYSACCHARIDES
GLYCOGENS
 CARBOHYDRATES
 POLYSACCHARIDES
GLYCOGENS

GLYCOLS

GS ALIPHATIC COMPOUNDS
GLYCOLS
 HYDROXYL COMPOUNDS
 ALCOHOLS
GLYCOLS
 RT HYDROXYL RADICALS

GLYCOLYSIS

GS CHEMICAL REACTIONS
GLYCOLYSIS
 DECOMPOSITION
GLYCOLYSIS

GLYCOSIDES

USE GLUCOSIDES

GNEISS

GS ROCKS
GNEISS
 RT SOILS

GNOMONIC PROJECTION

RT PHOTOMAPPING
 ∞ PROJECTION
 PROJECTIVE GEOMETRY

GNOTOBIOTICS

RT BACTERIA
 BACTERIOLOGY
 CLOSED ECOLOGICAL SYSTEMS
 CONTROLLED ATMOSPHERES
 ISOLATION
 MICROBIOLOGY
 MICROORGANISMS
 STERILIZATION

GNP

USE GROSS NATIONAL PRODUCT

GOAL THEORY

RT GOALS
 ∞ THEORIES

GOALS

RT ACHIEVEMENT
 ENGINEERING MANAGEMENT
 GOAL THEORY
 PROJECT PLANNING
 PURPOSES
 RESEARCH MANAGEMENT

GOATS

GS ANIMALS
 VERTEBRATES
 MAMMALS
GOATS
 RT GRAZING
 LIVESTOCK

GOBI DESERT

GS LAND
 DESERTS
GOBI DESERT
 RT ARID LANDS
 DESERTIFICATION

GODDARD EXPERIMENT PACKAGE TELESCOPE

USE PARTICLE TELESCOPES

GODDARD TRAJECTORY DETERMINATION SYSTEM

UF GTDS
 RT COMPUTER PROGRAMS
 INTERPLANETARY TRAJECTORIES
 MOON-EARTH TRAJECTORIES
 ORBIT CALCULATION
 ORBITAL MECHANICS
 ORBITAL POSITION ESTIMATION
 SPACECRAFT TRAJECTORIES
 ∞ SYSTEMS
 TRAJECTORY ANALYSIS
 TRAJECTORY OPTIMIZATION

GOERTLER INSTABILITY

UF TAYLOR-GOERTLER INSTABILITY
 GS STABILITY
GOERTLER INSTABILITY
 RT BOUNDARY LAYER STABILITY
 BOUNDARY LAYER TRANSITION
 CENTRIFUGAL FORCE
 FLOW STABILITY
 LAMINAR BOUNDARY LAYER
 ROTATING FLUIDS
 ROTATING LIQUIDS
 TAYLOR INSTABILITY
 VORTICES
 WALL FLOW

GOES SATELLITES

SN GEOSTATIONARY OPERATIONAL
 ENVIRONMENTAL SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
GOES SATELLITES
 GOES 1
 GOES 2
 GOES 3
 GOES 4
 GOES 5

GOES 1

GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 GOES SATELLITES
GOES 1
 RT METEOROLOGICAL SATELLITES

GOES 2

SN GEOSTATIONARY OPERATIONAL
 ENVIRONMENTAL SATELLITE B
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 GOES SATELLITES
GOES 2
 RT METEOROLOGICAL SATELLITES
 SMS 1
 SMS 2

GOES 3

GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 GOES SATELLITES
GOES 3
 RT METEOROLOGICAL SATELLITES

GOES 4

GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 GOES SATELLITES
GOES 4
 RT METEOROLOGICAL SATELLITES

GOES 5

GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
 GOES SATELLITES
GOES 5
 RT METEOROLOGICAL SATELLITES

GOGGLES

GS CLOTHING
GOGGLES
 RT EYE PROTECTION
 FLIGHT CLOTHING

GOGGLES-(CONT)

HELMETS
 PROTECTIVE CLOTHING
 SUNGLASSES

GOLAY DETECTOR CELLS

GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
 RADIATION DETECTORS
GOLAY DETECTOR CELLS
 RT ENERGY ABSORPTION FILMS
 PNEUMATIC EQUIPMENT
 RADIATION ABSORPTION

GOLD

GS CHEMICAL ELEMENTS
GOLD
 GOLD ISOTOPES
 GOLD 198
 METALS
 NOBLE METALS
GOLD
 GOLD ISOTOPES
 GOLD 198
 TRANSITION METALS
GOLD
 GOLD ISOTOPES
 GOLD 198

GOLD ALLOYS

GS ALLOYS
GOLD ALLOYS

GOLD COATINGS

UF GOLD PLATE
 GS COATINGS
 METAL COATINGS
GOLD COATINGS
 METALS
 METAL COATINGS
GOLD COATINGS
 RT NICKEL PLATE
 PROTECTIVE COATINGS

GOLD ISOTOPES

GS CHEMICAL ELEMENTS
GOLD
GOLD ISOTOPES
 GOLD 198
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
GOLD ISOTOPES
 GOLD 198
 METALS
 NOBLE METALS
GOLD
GOLD ISOTOPES
 GOLD 198
 TRANSITION METALS
GOLD
GOLD ISOTOPES
 GOLD 198

GOLD PLATE

USE GOLD COATINGS

GOLD 198

GS CHEMICAL ELEMENTS
GOLD
 GOLD ISOTOPES
GOLD 198
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 GOLD ISOTOPES
GOLD 198
 METALS
 NOBLE METALS
GOLD
 GOLD ISOTOPES
GOLD 198
 TRANSITION METALS
GOLD
 GOLD ISOTOPES
GOLD 198

GOMPERTZ CURVES

GS CHARTS
 GRAPHS (CHARTS)
GOMPERTZ CURVES
 GEOMETRY
 CURVES (GEOMETRY)
 S CURVES
GOMPERTZ CURVES

GONADS

GOMPERTZ CURVES-(CONT)

EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
S CURVES
GOMPERTZ CURVES

GONADS

GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
GONADS
SEX GLANDS
GONADS
VISCERA
ENDOCRINE GLANDS
GONADS
SEX GLANDS
GONADS
RT PHYSIOLOGICAL EFFECTS
∞ REPRODUCTION

GONDOLAS

RT AIRCRAFT COMPARTMENTS
AIRSHIPS
BALLOONS
BASKETS

GONIOMETERS

GS MEASURING INSTRUMENTS
GONIOMETERS
PHOTOGONIOMETERS
RADIOGONIOMETERS
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
MONOCHROMATORS
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
SPECTROMETERS

GOODNESS OF FIT

GS STATISTICAL ANALYSIS
GOODNESS OF FIT
RT FITTING
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
PROBABILITY DISTRIBUTION FUNCTIONS
PROBABILITY THEORY
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
VARIANCE (STATISTICS)

GORES

RT FABRICS
PARACHUTE FABRICS

GORGES

USE CANYONS

GOSS (SUPPORT SYSTEM)

USE GROUND OPERATIONAL SUPPORT
SYSTEM

GOVERNMENT PROCUREMENT

GS PROCUREMENT
GOVERNMENT PROCUREMENT
RT COMMODITIES
CONTRACTS
FEDERAL BUDGETS
SERVICES

GOVERNMENT/INDUSTRY RELATIONS

RT COMMERCE LAB
CONTRACT NEGOTIATION
CONTRACTORS
CONTRACTS
PROCUREMENT

GOVERNMENTS

RT CONSTITUTION
CULTURE (SOCIAL SCIENCES)
POLICIES
POLITICS
REGIMES
VOTING

GOVERNORS

USE SPEED REGULATORS

GRABENS

USE GEOLOGICAL FAULTS

∞ GRADE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANGLES (GEOMETRY)
GRADIENTS
LEVEL (HORIZONTAL)
POSITION (TITLE)
QUALITY
SLOPES

GRADIENT INDEX OPTICS

RT FIBER OPTICS
GEOMETRICAL OPTICS
GLASS FIBERS
LENS DESIGN
LENSES
NONLINEAR OPTICS
OPTICAL PROPERTIES
∞ OPTICS
PHYSICAL OPTICS
RAY TRACING
REFRACTIVITY

GRADIENTS

GS **GRADIENTS**
ELECTRON DENSITY PROFILES
POTENTIAL GRADIENTS
PRESSURE GRADIENTS
TEMPERATURE GRADIENTS
THERMOCLINES
RT ANGLES (GEOMETRY)
COMPOSITION (PROPERTY)
CONJUGATE GRADIENT METHOD
∞ CROSS SECTIONS
DIFFERENCES
DISTRIBUTION (PROPERTY)
∞ DROP
∞ GRADE
GRAVITY GRADIOMETERS
ISOBARS (PRESSURE)
ISOTHERMS
LEVEL (HORIZONTAL)
OPTIMIZATION
∞ PROFILES
SLOPES
VARIATIONS
VECTOR ANALYSIS

GRADIOMETERS

USE MAGNETOMETERS

GRADUATION

USE CALIBRATING

GRAEFF CALCULUS

GS ANALYSIS (MATHEMATICS)
CALCULUS
GRAEFF CALCULUS
NUMERICAL ANALYSIS
GRAEFF CALCULUS

GRAFTING

RT IMPLANTATION
INSERTION

GRAIN BOUNDARIES

GS BOUNDARIES
GRAIN BOUNDARIES
RT CRYSTAL DISLOCATIONS
GRAIN SIZE
INTERGRANULAR CORROSION
INTERSTICES
INTERSTITIALS
TWINNING

GRAIN SIZE

GS SIZE (DIMENSIONS)
GRAIN SIZE
RT GRAIN BOUNDARIES
METAL FATIGUE
MICROSTRUCTURE
PARTICLE SIZE DISTRIBUTION

∞ GRAINS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CRYSTALS
GRAINS (FOOD)
GRANULAR MATERIALS
PROPELLANT GRAINS

NASA THESAURUS (VOLUME 1)

GRAINS (FOOD)

GS FARM CROPS
GRAINS (FOOD)
BARLEY
CORN
OATS
RICE
SORGHUM
WHEAT
RT ANGIOSPERMS
EARTH RESOURCES
∞ GRAINS
GRASSES
MILLET
SEEDS

GRAMMARS

RT LANGUAGES
PARSING ALGORITHMS
SEMANTICS
SYNTAX
VOWELS
WORDS (LANGUAGE)

GRAND CANYON (AZ)

GS LANDFORMS
CANYONS
GRAND CANYON (AZ)
RT ARIZONA

GRAND TOURS

UF OUTER PLANET MISSIONS
GS FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
VOYAGER 1977 MISSION
RT ∞ MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
SPACE MISSIONS
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

GRANITE

GS ROCKS
IGNEOUS ROCKS
GRANITE
RT BATHOLITHS
EARTH RESOURCES
SOILS

GRANTS

RT APPROPRIATIONS
BUDGETING
CONTRACTS
NASA PROGRAMS
PATENTS
SUBCONTRACTS

GRANULAR MATERIALS

RT BRITTLE MATERIALS
∞ GRAINS
LOW DENSITY MATERIALS
∞ MATERIALS
PARTICLES
PELLETS
POWDER (PARTICLES)

GRAPH THEORY

RT COMBINATORIAL ANALYSIS
GRAPHS (CHARTS)
MATHEMATICAL MODELS
SET THEORY
∞ THEORIES
TOPOLOGY
TREES (MATHEMATICS)

GRAPHIC ARTS

GS ARTS
GRAPHIC ARTS
RT CHARTS
DIAGRAMS
DRAFTING (DRAWING)
DRAWINGS
ENGINEERING DRAWINGS
IMAGERY
INKS
MOTION PICTURES
PHOTOGRAPHY
∞ PROJECTION

NASA THESAURUS (VOLUME 1)

GRAPHIC EVALUATION AND REVIEW TECHNIQUES

USE GERT

GRAPHITE

GS MINERALS
GRAPHITE
RT ALUMINUM GRAPHITE COMPOSITES
CARBON
ELECTRODES
FIBER COMPOSITES
FIBER RELEASE
GRAPHITE-EPOXY COMPOSITES
INTERCALATION
LUBRICANTS
MODERATORS
SINGLE CRYSTALS
SOLID LUBRICANTS
SYNTHETIC METALS

GRAPHITE-EPOXY COMPOSITES

GS COMPOSITE MATERIALS
RESIN MATRIX COMPOSITES
GRAPHITE-EPOXY COMPOSITES
SUPERHYBRID MATERIALS
GRAPHITE-EPOXY COMPOSITES
RT CARBON FIBER REINFORCED PLASTICS
CONSTRUCTION MATERIALS
EPOXY RESINS
FIBER COMPOSITES
GRAPHITE
GRAPHITE-POLYIMIDE COMPOSITES
MATERIALS
REINFORCED PLASTICS
REINFORCING FIBERS

GRAPHITE-POLYIMIDE COMPOSITES

GS COMPOSITE MATERIALS
GRAPHITE-POLYIMIDE COMPOSITES
RT GRAPHITE-EPOXY COMPOSITES

GRAPHITIZATION

RT ANNEALING
HEAT TREATMENT

GRAPHOEPIITAXY

RT AMORPHOUS MATERIALS
CRYSTAL LATTICES
CRYSTAL STRUCTURE

GRAPHOLOGY

GS HANDWRITING
GRAPHOLOGY
RECOGNITION
PATTERN RECOGNITION
GRAPHOLOGY
RT CHARACTER RECOGNITION

GRAPHS (CHARTS)

UF POLARIZATION CHARTS
GS CHARTS
GRAPHS (CHARTS)
BOND GRAPHS
GOMPERTZ CURVES
MOLLIER DIAGRAM
PATTERSON MAP
RT CONFORMAL MAPPING
CURVES
FAULT TREES
GRAPH THEORY
HISTOGRAMS
NETWORKS
NOMOGRAPHS
ORIGINS
PETRI NETS
RECORDING INSTRUMENTS
REPRESENTATIONS
STATISTICAL ANALYSIS
TREES (MATHEMATICS)

GRASHOF NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
GRASHOF NUMBER
RT CONVECTION
REYNOLDS NUMBER

GRASSES

GS PLANTS (BOTANY)
GRASSES
HAY
REEDS (PLANTS)
SEA GRASSES
SORGHUM

GRASSES-(CONT)

RT ALFALFA
CANOPIES (VEGETATION)
DEFOLIATION
FARM CROPS
FARMLANDS
GRAINS (FOOD)
GRASSLANDS
MILLET
OATS
SOD

GRASSHOPPERS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
GRASSHOPPERS

GRASSLANDS

UF GRAZING LANDS
MEADOWLANDS
PRAIRIES
SAVANNAHS
GS LAND
GRASSLANDS
LLANOS ORIENTALES (COLOMBIA)
RT AGRICULTURE
CROP GROWTH
EARTH RESOURCES
FARM CROPS
FARMLANDS
GRASSES
HAY
LAND USE
PLAINS
PLOWING
RANGELANDS
RURAL AREAS
RURAL LAND USE
SOD
STEPPE

GRASSMANN ALGEBRA

USE VECTOR SPACES

GRATINGS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT GRATINGS (SPECTRA)
INTERFERENCE GRATING
OPTICAL FILTERS

GRATINGS (SPECTRA)

UF DIFFRACTION GRATINGS
GS GRATINGS (SPECTRA)
ECHELETTE GRATINGS
RT FRESNEL DIFFRACTION
GRATINGS
OPTICAL FILTERS
RONCHI TEST
ROWLAND CIRCLES

GRAVEL DEPOSITS

USE GRAVELS

GRAVELS

UF GRAVEL DEPOSITS
GS SEDIMENTS
GRAVELS
SOILS
GRAVELS
AGGREGATES
ALLUVIUM
AQUIFERS
BOREHOLES
FANS (LANDFORMS)
GRIT
SANDS

GRAVIMETERS

GS MEASURING INSTRUMENTS
GRAVIMETERS
RT ACCELEROMETERS
DENSITOMETERS
GEODESY
GEOPHYSICS
GRAVIMETRY
GRAVITATION
MICRODENSITOMETERS

GRAVIMETRY

RT ACCELERATION

GRAVITATIONAL EFFECTS

GRAVIMETRY-(CONT)

ACCELEROMETERS
GEOLOGY
GEOPHYSICS
GRAVIMETERS
GRAVITATIONAL FIELDS
MEASUREMENT
QUANTITATIVE ANALYSIS

GRAVIRECEPTORS

GS ANATOMY
SENSE ORGANS
GRAVIRECEPTORS
OTOLITH ORGANS
RECEPTORS (PHYSIOLOGY)
GRAVIRECEPTORS
RT OCULOGRAVIC ILLUSIONS
SENSITOMETRY
VERTICAL PERCEPTION

GRAVITATION

UF GRAVITY
GS GRAVITATION
ARTIFICIAL GRAVITY
GRAVITY ANOMALIES
LUNAR GRAVITATION
LUNAR GRAVITATIONAL EFFECTS
PLANETARY GRAVITATION
REDUCED GRAVITY
SOLAR GRAVITATION
RT ANTIGRAVITY
DRAG
ENVIRONMENTS
GRAVIMETERS
GRAVITATIONAL CONSTANT
GRAVITATIONAL EFFECTS
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVES
GRAVITY GRADIOMETERS
GRAVSAT SATELLITE
HIGH GRAVITY ENVIRONMENTS
ISOSTASY
LOW WEIGHT
LUNAR GRAVITY SIMULATOR
PENDULUMS
ROCHE LIMIT
SIMILITUDE LAW
SPACECRAFT ENVIRONMENTS
TERMINAL VELOCITY
WEIGHT (MASS)
WEIGHTLESSNESS

GRAVITATION THEORY

RT BIMETRIC THEORIES
GAUGE THEORY
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVE ANTENNAS
GRAVITONS
GRAVITONS
THEORIES
UNIFIED FIELD THEORY

GRAVITATIONAL COLLAPSE

GS GRAVITATIONAL COLLAPSE
BLACK HOLES (ASTRONOMY)
WHITE HOLES (ASTRONOMY)
RT ASTROPHYSICS
NAKED SINGULARITIES
NEUTRAL CURRENTS
QUASARS
RELATIVISTIC PLASMAS
STELLAR CORES
SUPERNOVAE

GRAVITATIONAL CONSTANT

GS CONSTANTS
GRAVITATIONAL CONSTANT
RT BIG BANG COSMOLOGY

GRAVITATIONAL EFFECTS

GS GRAVITATIONAL EFFECTS
GRAVITATIONAL LENSES
LAGRANGIAN EQUILIBRIUM POINTS
LUNAR GRAVITATIONAL EFFECTS
STELLAR GRAVITATION
RT ACCELERATION STRESSES
(PHYSIOLOGY)
ACCELERATION TOLERANCE
DROP TOWERS
EFFECTS
GEOTROPISM
GRAVITATIONAL PHYSIOLOGY
GRAVITROPISM
GRAVITY PROBE B
LANGLEY COMPLEX COORDINATOR

GRAVITATIONAL FIELDS

GRAVITATIONAL EFFECTS-(CONT)

LOWER BODY NEGATIVE PRESSURE
REISSNER-NORDSTROM SOLUTION
STELLAR MASS ACCRETION
SWINGBY TECHNIQUE
WEIGHTLESSNESS

GRAVITATIONAL FIELDS

UF GRAVITATIONAL POTENTIAL
GS **GRAVITATIONAL FIELDS**
STELLAR GRAVITATION
RT ATTRACTION
CENTER OF GRAVITY
EARTH-MOON SYSTEM
FIELD STRENGTH
FIELD THEORY (PHYSICS)
∞ FIELDS
GEOPOTENTIAL
GEOPOTENTIAL HEIGHT
GRAVIMETRY
GRAVITATION THEORY
GRAVITATIONAL LENSES
GRAVITY ANOMALIES
GRAVSAT SATELLITE
LAGRANGIAN EQUILIBRIUM POINTS
MULTIPOLAR FIELDS
SATELLITE PERTURBATION
SCHWARZSCHILD METRIC
UNIFIED FIELD THEORY
YANG-MILLS FIELDS

GRAVITATIONAL LENSES

GS GRAVITATIONAL EFFECTS
GRAVITATIONAL LENSES
LENSES
RT **GRAVITATIONAL LENSES**
BLACK HOLES (ASTRONOMY)
FOCUSING
GRAVITATIONAL FIELDS
LIGHT SCATTERING
NEUTRON STARS
RELATIVISTIC EFFECTS
RELATIVITY
STELLAR GRAVITATION
WHITE HOLES (ASTRONOMY)

GRAVITATIONAL PHYSIOLOGY

GS PHYSIOLOGY
GRAVITATIONAL PHYSIOLOGY
RT ACCELERATION STRESSES
(PHYSIOLOGY)
AEROSPACE MEDICINE
CENTRIFUGING STRESS
GRAVITATIONAL EFFECTS
PHYSIOLOGICAL ACCELERATION
PHYSIOLOGICAL EFFECTS
PHYSIOLOGICAL RESPONSES
SPACE FLIGHT STRESS
STRESS (PHYSIOLOGY)

GRAVITATIONAL POTENTIAL

USE GRAVITATIONAL FIELDS

GRAVITATIONAL RADIATION

USE GRAVITATIONAL WAVES

GRAVITATIONAL WAVE ANTENNAS

GS ANTENNAS
GRAVITATIONAL WAVE ANTENNAS
RT ANTENNA DESIGN
CRYOGENIC EQUIPMENT
GRAVITATION THEORY

GRAVITATIONAL WAVES

UF GRAVITATIONAL RADIATION
RT CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH-MOON SYSTEM
GRAVITY WAVES
∞ RADIATION
∞ WAVES

GRAVITONS

GS PARTICLES
ELEMENTARY PARTICLES
GRAVITONS
NEUTRAL PARTICLES
GRAVITONS
RT BARYONS
COSMOLOGY
DECOUPLING
GRAVITATION THEORY
GRAVITONS
NEUTRINOS
PARTICLE MASS

GRAVITINOS-(CONT)

WEAK ENERGY INTERACTIONS

GRAVITONS

GS PARTICLES
ELEMENTARY PARTICLES
GRAVITONS
RT ATOMIC STRUCTURE
GRAVITATION THEORY
GRAVITINOS

GRAVITROPISM

GS TROPISM
GRAVITROPISM
RT GRAVITATIONAL EFFECTS
PLANTS (BOTANY)
VEGETATION GROWTH

GRAVITY

USE GRAVITATION

GRAVITY ANOMALIES

GS ANOMALIES
GRAVITY ANOMALIES
GRAVITATION
GRAVITY ANOMALIES
RT GRAVITATIONAL FIELDS
MASCONS

GRAVITY GRADIENT SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
ORBITAL SATELLITE
RT ARTIFICIAL GRAVITY
EXPULSION
MANNED SPACECRAFT
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV-5 SATELLITES
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SPIN REDUCTION
UNMANNED SPACECRAFT

GRAVITY GRADIOMETERS

GS MEASURING INSTRUMENTS
GRAVITY GRADIOMETERS
RT GRADIENTS
GRAVITATION

GRAVITY PROBE B

RT GRAVITATIONAL EFFECTS
GYROSCOPES
NASA PROGRAMS
RELATIVITY

GRAVITY WAVES

GS ELASTIC WAVES
CAPILLARY WAVES
GRAVITY WAVES
BAROCLINIC WAVES
SURFACE WAVES
CAPILLARY WAVES
GRAVITY WAVES
BAROCLINIC WAVES
RT CNOIDAL WAVES
GRAVITATIONAL WAVES
PLANETARY WAVES
RIPPLES
WATER WAVES
WIND (METEOROLOGY)

GRAVSAT SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
GRAVSAT SATELLITE
RT GRAVITATION
GRAVITATIONAL FIELDS

GRAY GAS

GS GASES

NASA THESAURUS (VOLUME 1)

GRAY GAS-(CONT)

GRAY GAS
RT NONGRAY ATMOSPHERES
RADIATION ABSORPTION
RAYLEIGH SCATTERING
THERMAL ABSORPTION

GRAY SCALE

RT AERIAL PHOTOGRAPHY
IMAGE CONTRAST
IMAGE ENHANCEMENT
IMAGE PROCESSING
IMAGING TECHNIQUES
OPTICAL DATA PROCESSING
PATTERN RECOGNITION

GRAZING

GS INGESTION (BIOLOGY)
GRAZING
RT ANIMALS
CATTLE
DEER
GOATS
HORSES
RANGELANDS
RURAL LAND USE
SWINE

GRAZING FLOW

RT ACOUSTIC ATTENUATION
ACOUSTIC DUCTS
ACOUSTIC IMPEDANCE
ACOUSTIC MEASUREMENT
ACOUSTIC PROPERTIES
AEROACOUSTICS
∞ FLOW
NOISE REDUCTION
ORIFICE FLOW
RESONATORS
SHEAR FLOW

GRAZING INCIDENCE

GS INCIDENCE
GRAZING INCIDENCE
RT ABERRATION
OPTICAL MEASUREMENT
RAY TRACING

GRAZING INCIDENCE SOLAR TELESCOPE

USE GRIST (TELESCOPE)

GRAZING LANDS

USE GRASSLANDS

GREASES

GS PRODUCTS
PETROLEUM PRODUCTS
GREASES
RT FATS
KEROGEN
LUBRICANTS
OILS
THICKENERS (MATERIALS)

GREAT BASIN (US)

GS LANDFORMS
STRUCTURAL BASINS
GREAT BASIN (US)
RT CALIFORNIA
EARTH RESOURCES
FOLDS (GEOLOGY)
FORMATIONS
GEOLOGY
NEVADA
STRUCTURAL PROPERTIES (GEOLOGY)
UTAH

GREAT BRITAIN

USE UNITED KINGDOM

GREAT CIRCLES

GS GEOMETRY
EUCLIDEAN GEOMETRY
CIRCLES (GEOMETRY)
GREAT CIRCLES
RT FLIGHT OPTIMIZATION
FLIGHT PATHS
GROUND TRACKS
TRAJECTORIES

GREAT LAKES (NORTH AMERICA)

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE ERIE

NASA THESAURUS (VOLUME 1)

GROUND BASED CONTROL

GREAT LAKES (NORTH AMERICA)-(CONT)

LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
RT CANADA
CANALS
EARTH RESOURCES
INLAND WATERS
INTERNATIONAL FIELD YEAR FOR
GREAT LAKES
RESOURCES
UNITED STATES
WATER FLOW
WATER RESOURCES

GREAT PLAINS CORRIDOR (NORTH AMERICA)

GS CORRIDORS
GREAT PLAINS CORRIDOR (NORTH AMERICA)
RT AGRICULTURE
CANADA
PLAINS
RURAL LAND USE
UNITED STATES

GREAT SALT LAKE (UT)

GS LAKES
GREAT SALT LAKE (UT)
WATER
GREAT SALT LAKE (UT)
RT EARTH RESOURCES
HYDROLOGY
INLAND WATERS
PONDS
UTAH

GREAT SMOKY MOUNTAINS (NC-TN)

GS LANDFORMS
MOUNTAINS
GREAT SMOKY MOUNTAINS (NC-TN)
RT NORTH CAROLINA
TENNESSEE

GREB SATELLITES

SN (GALACTIC RADIATION EXPERIMENTAL
BACKGROUND SATELLITES)
UF GALACTIC RADIATION EXP
BACKGROUND SATS
GS SATELLITES
ARTIFICIAL SATELLITES
GREB SATELLITES

GREECE

GS NATIONS
GREECE
RT CYPRUS
EUROPE

GREEN THEOREM

USE GREEN'S FUNCTIONS

GREEN WAVE EFFECT

RT ANNUAL VARIATIONS
BOTANY
CHLOROPHYLLS
∞ EFFECTS
FOLIAGE
LEAVES

GREEN'S FUNCTIONS

UF GREEN THEOREM
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
GREEN'S FUNCTIONS
FUNCTIONS (MATHEMATICS)
GREEN'S FUNCTIONS
RT DIFFERENTIAL EQUATIONS
FIELD THEORY (ALGEBRA)
FIELD THEORY (PHYSICS)
HALF PLANES
HALF SPACES
JACOBI INTEGRAL
MANY BODY PROBLEM

GREENHOUSE EFFECT

RT ATMOSPHERIC HEAT BUDGET
ATMOSPHERIC RADIATION
EARTH ATMOSPHERE
∞ EFFECTS
ENVIRONMENT EFFECTS
INSOLATION
TERRESTRIAL RADIATION
THERMAL RADIATION

GREENHOUSE EFFECT-(CONT)

VENUS CLOUDS
GREENHOUSES
RT ∞ BUILDINGS
PHYTOTRONS
PLANTS (BOTANY)

GREENLAND

GS LANDFORMS
ISLANDS
GREENLAND
RT ARCTIC OCEAN
DENMARK

GREGORIAN ANTENNAS

RT ANTENNA DESIGN
ANTENNA FEEDS
ANTENNA RADIATION PATTERNS
ANTENNAS
CASSEGRAIN ANTENNAS
MICROWAVE ANTENNAS

GRENADES

RT AMMUNITION
INCENDIARY AMMUNITION
PYROTECHNICS

∞ GRIDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COORDINATES
IONIZERS
∞ MATRICES
MESH
RETICLES
TUBE GRIDS
TURNSTILE ANTENNAS
WIRE GRID LENSES

GRIDS (MATHEMATICS)

USE COMPUTATIONAL GRIDS

GRIFFITH CRACK

RT CRACK CLOSURE
CRACK PROPAGATION
FRACTURE MECHANICS
GLASS
∞ THEORIES

GRIFFON AIRCRAFT

USE NORD 1500 AIRCRAFT

GRIGG-SKJELLERUP COMET

GS CELESTIAL BODIES
COMETS
GRIGG-SKJELLERUP COMET
RT ∞ COMA
COMET TAILS
SOLAR SYSTEM
SOLAR WIND

GRIGNARD REACTIONS

GS CHEMICAL REACTIONS
GRIGNARD REACTIONS
RT CATALYSTS

∞ GRINDING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT GRINDING (COMMINUTION)
GRINDING (MATERIAL REMOVAL)

GRINDING (COMMINUTION)

UF PULVERIZING
GS COMMINUTION
GRINDING (COMMINUTION)
RT ATOMIZING
COMPOUNDING
CRUSHING
DISINTEGRATION
GRINDING (MATERIAL REMOVAL)
MIXING

GRINDING (MATERIAL REMOVAL)

GS GRINDING (MATERIAL REMOVAL)
METAL GRINDING
RT ABRASION
COUNTERSINKING
CUTTING
GRINDING (COMMINUTION)
GROOVING

GRINDING (MATERIAL REMOVAL)-(CONT)

MACHINING
METAL CUTTING
PLANING
POLISHING
SCARFING
WEAR

GRINDING MACHINES

GS TOOLS
MACHINE TOOLS
GRINDING MACHINES
RT LATHES
∞ MACHINERY
METAL GRINDING
MILLING MACHINES
SHAPERS
ULTRASONIC CLEANING

GRINDING MILLS

RT ATOMIZERS
ATOMIZING
COMMINUTION
CRUSHERS
IMPACTORS
MIXERS

GRIST (TELESCOPE)

UF GRAZING INCIDENCE SOLAR
TELESCOPE
GS TELESCOPES
GRIST (TELESCOPE)
RT ENERGY SPECTRA
SOLAR COSMIC RAYS
SPACELAB
SUN

GRIT

RT ABRASIVES
GRAVELS
PARTICLES
SANDS
SEDIMENTS

GROOVES

GS GROOVES
V GROOVES
RT CORRUGATING
GROOVING

GROOVING

UF FLUTING
RT CUTTING
GRINDING (MATERIAL REMOVAL)
GROOVES
KNURLING
MACHINING
MILLING (MACHINING)
STRIATION

GROSS NATIONAL PRODUCT

UF GNP
GS PRODUCTS
GROSS NATIONAL PRODUCT
RT COMMERCE
COSTS
ECONOMETRICS
FINANCE
INDUSTRIES

GROUND BASED CONTROL

GS GROUND BASED CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RADAR APPROACH CONTROL
RT AIR TRAFFIC CONTROLLERS
(PERSONNEL)
AIRCRAFT APPROACH SPACING
AIRCRAFT CONTROL
AIRPORT SURFACE DETECTION
EQUIPMENT
AIRPORT TOWERS
APPROACH
APPROACH CONTROL
AUTOMATIC CONTROL
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
∞ CONTROL
FLIGHT CONTROL
FLIGHT MANAGEMENT SYSTEMS
FLY BY WIRE CONTROL
GUIDANCE (MOTION)
INSTRUMENT LANDING SYSTEMS
INTEGRATED MISSION CONTROL
CENTER

GROUND CREWS

GROUND BASED CONTROL-(CONT)

LANDING AIDS
MISSILE CONTROL
RADAR NAVIGATION
RADIO CONTROL
REMOTE CONTROL
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
TRAFFIC CONTROL

GROUND CREWS

GS PERSONNEL
GROUND CREWS
RT MAINTENANCE

GROUND EFFECT (AERODYNAMICS)

RT AERODYNAMIC DRAG
AERODYNAMICS
AIR CUSHION LANDING SYSTEMS
CUSHIONS
DOWNWASH
DRAG
∞ EFFECTS
GROUND RESONANCE
JET BLAST EFFECTS
LIFT
PERIPHERAL JET FLOW
WAKES

GROUND EFFECT (COMMUNICATIONS)

RT ECHOES
∞ EFFECTS
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC NOISE
RADIO ATTENUATION
SIGNAL FADING
WAVE REFLECTION

GROUND EFFECT MACHINES

UF AIR CUSHION VEHICLES
DTMB-111 GROUND EFFECT MACHINE
DTMB-430 GROUND EFFECT MACHINE
HOVERCRAFT

GS GROUND EFFECT MACHINES
CUSHIONCRAFT GROUND EFFECT
MACHINE
GETOL AIRCRAFT
HOVERCRAFT GROUND EFFECT
MACHINES
WESTLAND GROUND EFFECT
MACHINES

RT ∞ AIRCRAFT
COMMERCIAL AIRCRAFT
∞ EFFECTS
FLIGHT VEHICLES
FLYING PLATFORMS
HOVERING
LIFTING ROTORS
∞ MACHINERY
MILITARY AIRCRAFT
PASSENGER AIRCRAFT
PERIPHERAL JET FLOW
RAPID TRANSIT SYSTEMS
RESEARCH AIRCRAFT
∞ SUBSONIC AIRCRAFT
SURFACE VEHICLES
∞ TRANSPORT VEHICLES
V/STOL AIRCRAFT
∞ VEHICLES
WATER TAKEOFF AND LANDING
AIRCRAFT

GROUND HANDLING

GS MATERIALS HANDLING
GROUND HANDLING
RT AIR CARGO
BAGGAGE
CREW PROCEDURES (PREFLIGHT)
∞ FACILITIES
FLIGHT OPERATIONS
HANGARS
MOBILE LOUNGES
TRACTORS
TRUCKS

GROUND OPERATIONAL SUPPORT SYSTEM

UF GOSS (SUPPORT SYSTEM)
GS GROUND SUPPORT EQUIPMENT
GROUND OPERATIONAL SUPPORT
SYSTEM
SUPPORT SYSTEMS
GROUND OPERATIONAL SUPPORT
SYSTEM
WEAPON SYSTEMS

GROUND OPERATIONAL SUPPORT-(CONT) GROUND OPERATIONAL SUPPORT SYSTEM

RT ∞ SYSTEMS

GROUND RESONANCE

RT AERODYNAMIC STABILITY
GROUND EFFECT (AERODYNAMICS)
HELICOPTERS
ROTARY WINGS
ROTOR AERODYNAMICS

GROUND SPEED

GS RATES (PER TIME)
GROUND SPEED
VELOCITY
RT GROUND SPEED
AIRSPEED
HIGH SPEED
LOW SPEED

GROUND SQUIRRELS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
SQUIRRELS
GROUND SQUIRRELS

GROUND STATE

GS LEVEL (QUANTITY)
ENERGY LEVELS
GROUND STATE
RT ATOMIC ENERGY LEVELS
ATOMIC THEORY
ELECTRON STATES
QUANTUM THEORY

GROUND STATIONS

GS STATIONS
GROUND STATIONS
DEEP SPACE INSTRUMENTATION
FACILITY
EARTH TERMINALS
INTEGRATED MISSION CONTROL
CENTER
POLYSTATION DOPPLER TRACKING
SYSTEM
SPACE DETECTION AND TRACKING
SYSTEM
STDN (NETWORK)
RT DATA ACQUISITION
DATA COLLECTION PLATFORMS
DOWNLINKING
GLOBAL TRACKING NETWORK
HANGARS
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
JODRELL BANK OBSERVATORY
LAND MOBILE SATELLITE SERVICE
MSAT
OCEAN DATA ACQUISITIONS SYSTEMS
POLLUTION MONITORING
SPACE FLIGHT TRACKING AND DATA
NETWORK
TRACKING STATIONS
WEATHER STATIONS

GROUND SUPPORT EQUIPMENT

GS GROUND SUPPORT EQUIPMENT
GROUND OPERATIONAL SUPPORT
SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT MAINTENANCE
AIRPORT PLANNING
AUXILIARY POWER SOURCES
BALLISTIC CAMERAS
CAPE KENNEDY LAUNCH COMPLEX
COMMAND AND CONTROL
COMMAND GUIDANCE
CRAWLER TRACTORS
EARTH TERMINAL MEASUREMENT
SYSTEM
∞ EQUIPMENT
FLIGHT CONTROL
GANTRY CRANES
HANDLING EQUIPMENT
LANDING AIDS
LAUNCHING BASES
LAUNCHING PADS
LAUNCHING SITES
MAINTENANCE
MISSILE LAUNCHERS
MISSILE STORAGE
MISSILES

NASA THESAURUS (VOLUME 1)

GROUND SUPPORT EQUIPMENT-(CONT)

ORDNANCE
PROPELLANT STORAGE
RADIO TELEMETRY
REFUELING
ROCKET LAUNCHERS
SATELLITE GROUND SUPPORT
∞ SPACECRAFT
STORABLE PROPELLANTS
∞ TEST EQUIPMENT
TRACKING NETWORKS
TRACKING STATIONS

GROUND SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
GROUND SUPPORT SYSTEMS
RT COMMONALITY
∞ SYSTEMS

GROUND TESTS

GS GROUND TESTS
COLD FLOW TESTS
PRELAUNCH TESTS
STATIC FIRING
RT AIRCRAFT RUNUP
CAPTIVE TESTS
CREW PROCEDURES (PREFLIGHT)
ELECTRIC EQUIPMENT TESTS
ENGINE TESTS
FLIGHT TESTS
FULL SCALE TESTS
MISSILE TESTS
PREFIRING TESTS
PREFLIGHT OPERATIONS
SPACE ELECTRIC ROCKET TESTS
STABILITY TESTS
STATIC TESTS
TEST FIRING
∞ TESTS
WING FLOW METHOD TESTS

GROUND TRACKS

GS GROUND TRACKS
SATELLITE GROUND TRACKS
RT AREA NAVIGATION
FLIGHT PATHS
GREAT CIRCLES
ORBITS
∞ PATHS
∞ TRACKS

GROUND TRUTH

RT AERIAL PHOTOGRAPHY
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
CROP IDENTIFICATION
IMAGERY
PHOTOINTERPRETATION
PHOTORECONNAISSANCE
SPECTROPHOTOGRAPHY

GROUND WATER

GS WATER
INLAND WATERS
GROUND WATER
RT AQUIFERS
EARTH RESOURCES
FRESH WATER
LIMNOLOGY
LYSIMETERS
POTABLE WATER
SPRINGS (WATER)
SURFACE WATER
WATER FLOW
WATER RESOURCES
WATER RUNOFF
WATER TABLES
WELLS

GROUND WAVE PROPAGATION

GS TRANSMISSION
WAVE PROPAGATION
GROUND WAVE PROPAGATION
RT RADIO WAVES
SELECTIVE FADING
SKY WAVES

GROUND WIND

GS WIND (METEOROLOGY)
GROUND WIND
RT AIR CURRENTS
ATMOSPHERIC CIRCULATION
CYCLONES
GUST LOADS

NASA THESAURUS (VOLUME 1)

GRUMMAN OV-1C AIRCRAFT

GROUND WIND-(CONT)

GUSTS
MONSOONS
SQUALLS
STORMS (METEOROLOGY)
TORNADOES
WIND DIRECTION
WIND EFFECTS
WIND EROSION
WIND PRESSURE
WIND PROFILES
WIND SHEAR
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

GROUND-AIR-GROUND COMMUNICATION

GS COMMUNICATING
GROUND-AIR-GROUND COMMUNICATION
TELECOMMUNICATION
GROUND-AIR-GROUND COMMUNICATION
RT AERONAUTICAL SATELLITES
AIR TRAFFIC CONTROL
AIRCRAFT COMMUNICATION
AUTOMATED EN ROUTE ATC
COMMUNICATION SATELLITES
DISCRETE ADDRESS BEACON SYSTEM
OPTICAL COMMUNICATION
RADIO COMMUNICATION
SPACECRAFT COMMUNICATION
VOICE COMMUNICATION

GROUND-TO-AIR MISSILES

USE SURFACE TO AIR MISSILES

GROUP BEHAVIOR

USE GROUP DYNAMICS

GROUP DYNAMICS

UF GROUP BEHAVIOR
RT DEPENDENCE
DYNAMICS
ETHNIC FACTORS
PROBLEM SOLVING
SOCIOLOGY

GROUP THEORY

GS ALGEBRA
GROUP THEORY
HOMOMORPHISMS
AUTOMORPHISMS
MONOIDS
SUBGROUPS
RT CHIRAL DYNAMICS
FIBERS (MATHEMATICS)
LIE GROUPS
THEORIES

GROUP VELOCITY

GS RATES (PER TIME)
GROUP VELOCITY
VELOCITY
GROUP VELOCITY
RT BEAT FREQUENCIES
HARMONIC MOTION
PHASE VELOCITY
PROPAGATION VELOCITY
QUANTUM MECHANICS
WAVE PROPAGATION

GROUP 1A COMPOUNDS

USE ALKALI METAL COMPOUNDS

GROUP 1B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL COMPOUNDS
COPPER COMPOUNDS
NOBLE METALS
SILVER COMPOUNDS

GROUP 2A COMPOUNDS

USE ALKALINE EARTH COMPOUNDS

GROUP 2B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CADMIUM COMPOUNDS
CHEMICAL COMPOUNDS

GROUP 2B COMPOUNDS-(CONT)

MERCURY COMPOUNDS
ZINC COMPOUNDS

GROUP 3A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT ALUMINUM COMPOUNDS
BORON COMPOUNDS
CHEMICAL COMPOUNDS
GALLIUM COMPOUNDS
INDIUM COMPOUNDS

GROUP 3B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT ACTINIDE SERIES COMPOUNDS
CHEMICAL COMPOUNDS
CURIUM COMPOUNDS
RARE EARTH COMPOUNDS
SCANDIUM COMPOUNDS
YTTRIUM COMPOUNDS

GROUP 4A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CARBON COMPOUNDS
CHEMICAL COMPOUNDS
GERMANIUM COMPOUNDS
LEAD COMPOUNDS
SILICON COMPOUNDS
TIN COMPOUNDS

GROUP 4B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL COMPOUNDS
HAFNIUM COMPOUNDS
TITANIUM COMPOUNDS
ZIRCONIUM COMPOUNDS

GROUP 5A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
UF PNICTIDES
RT ANTIMONY COMPOUNDS
ARSENIC COMPOUNDS
BISMUTH COMPOUNDS
CHEMICAL COMPOUNDS
NITROGEN COMPOUNDS
OXYNITRIDES
PHOSPHORUS COMPOUNDS

GROUP 5B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL COMPOUNDS
NIOBIUM COMPOUNDS
TANTALUM COMPOUNDS
VANADIUM COMPOUNDS

GROUP 6A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHALCOGENIDES
CHEMICAL COMPOUNDS
POLONIUM COMPOUNDS
SELENIUM COMPOUNDS
SULFUR COMPOUNDS
TELLURIUM COMPOUNDS

GROUP 6B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL COMPOUNDS
CHROMIUM COMPOUNDS
MOLYBDENUM COMPOUNDS
TUNGSTEN COMPOUNDS

GROUP 7A COMPOUNDS

USE HALOGEN COMPOUNDS

GROUP 7B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)

GROUP 7B COMPOUNDS-(CONT)

RT CHEMICAL COMPOUNDS
MANGANESE COMPOUNDS
RHENIUM COMPOUNDS
TECHNETIUM COMPOUNDS

GROUP 8 COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL COMPOUNDS
COBALT COMPOUNDS
IRON COMPOUNDS
NICKEL COMPOUNDS
OSMIUM COMPOUNDS
PLATINUM COMPOUNDS
RHODIUM COMPOUNDS

GROUPS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT CATEGORIES
CLASSES
SUBDIVISIONS

GROUT

RT AMORPHOUS MATERIALS
CEMENTS
CLAYS
CONCRETES
CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
MUD
PLASTERS
TILES

GROWTH

UF HYPERTROPHY
MATURING
GS CROP GROWTH
CRYSTAL GROWTH
CZOCHEWALSKI METHOD
DIRECTIONAL SOLIDIFICATION (CRYSTALS)
EPITAXY
ELECTROEPITAXY
LIQUID PHASE EPITAXY
MOLECULAR BEAM EPITAXY
VAPOR PHASE EPITAXY
HYDROTHERMAL CRYSTAL GROWTH
TRAVELING SOLVENT METHOD
VERNEUIL PROCESS
VEGETATION GROWTH
RT ACCUMULATIONS
CROP CALENDARS
DEVELOPMENT
EVOLUTION (DEVELOPMENT)
FORMATION
GERMINATION
INCREASING
INFLATING
ONTOGENY
PHYTOTRONS
SHRINKAGE
SINTERING
SWELLING
TIMBER VIGOR
TIMBERLINE
TRENDS
VIABILITY
WARPAGE
YOUTH

GROWTH CHAMBERS

USE PHYTOTRONS

GRUMMAN AIRCRAFT

GS GRUMMAN AIRCRAFT
A-6 AIRCRAFT
C-1A AIRCRAFT
C-2 AIRCRAFT
E-2 AIRCRAFT
F-9 AIRCRAFT
F-14 AIRCRAFT
F-111 AIRCRAFT
JETSTREAM AIRCRAFT
OV-1 AIRCRAFT
RT AIRCRAFT
AWACS AIRCRAFT

GRUMMAN OV-1C AIRCRAFT

USE OV 1 AIRCRAFT

GRUNEISEN CONSTANT

GRUNEISEN CONSTANT

GS CONSTANTS
RT GRUNEISEN CONSTANT
COMPRESSIBILITY
SPECIFIC HEAT
THERMAL EXPANSION

GTDS

USE GODDARD TRAJECTORY
DETERMINATION SYSTEM

GUADELOUPE

GS LANDFORMS
ISLANDS
WEST INDIES
GUADELOUPE
NATIONS
FRANCE
GUADELOUPE
RT FRANCE

GUAM

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
GUAM
RT UNITED STATES

GUANETHIDINE

GS ALIPHATIC COMPOUNDS
GUANIDINES
GUANETHIDINE
AMINES
DIAMINES
GUANIDINES
GUANETHIDINE
HETEROCYCLIC COMPOUNDS
GUANETHIDINE

GUANIDINES

GS ALIPHATIC COMPOUNDS
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE
AMINES
DIAMINES
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE
RT PERFLUOROGUANIDINE

GUANINES

GS FUNGICIDES
XANTHINES
GUANINES
HETEROCYCLIC COMPOUNDS
XANTHINES
GUANINES
NITROGEN COMPOUNDS
XANTHINES
GUANINES
PROTEINS
GUANINES
PURINES
XANTHINES
GUANINES
RT CYCLIC AMP

GUANOSINES

UF VERNINE
GS ACIDS
NUCLEIC ACIDS
GUANOSINES
RT RIBONUCLEIC ACIDS

GUARDS (SHIELDS)

RT ∞ BARRIERS
COVERINGS
HOUSINGS
SAFETY DEVICES
SAFETY MANAGEMENT
SHIELDING

GUATEMALA

GS NATIONS
GUATEMALA
RT CENTRAL AMERICA

GUAYULE

GS PLANTS (BOTANY)
GUAYULE
RT BRUSH (BOTANY)
RUBBER

GUIDANCE (MOTION)

GS GUIDANCE (MOTION)
AIRCRAFT GUIDANCE
BEAM RIDER GUIDANCE
COMMAND GUIDANCE
ENTRY GUIDANCE (STS)
INERTIAL GUIDANCE
STRAPDOWN INERTIAL GUIDANCE
INJECTION GUIDANCE
MAP MATCHING GUIDANCE
MIDCOURSE GUIDANCE
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACECRAFT GUIDANCE
SATELLITE GUIDANCE
STANDARDIZED SPACE GUIDANCE
TERMINAL GUIDANCE
LASER GUIDANCE
RT AIR NAVIGATION
APPROACH
ASCENT TRAJECTORIES
ASTRONOMICS
AUTOMATIC CONTROL
AVIONICS
CONTROL SURFACES
FLIGHT CONTROL
FLIGHT PATHS
GROUND BASED CONTROL
HOMING
HOMING DEVICES
IMPACT PREDICTION
LANDING
MANUAL CONTROL
MISSILES
NAVIGATION
∞ PLATFORMS
POINTING CONTROL SYSTEMS
RADIO NAVIGATION
REMOTE CONTROL
STATIONKEEPING
∞ SYSTEMS
TRAJECTORY CONTROL
VISUAL CONTROL

GUIDANCE SENSORS

RT ATTITUDE CONTROL
IMAGE DISSECTOR TUBES
OPTICAL MEASURING INSTRUMENTS
∞ SENSORS
SOLAR SENSORS
SPACECRAFT INSTRUMENTS
STAR TRACKERS

GUIDE VANES

UF JETAVATORS
GS CONTROL SURFACES
GUIDE VANES
JET VANES
VANES
GUIDE VANES
JET VANES
RT AIRFOILS
HYDROFOILS
THRUST VECTOR CONTROL

GUIDED MISSILE SUBMARINES

UF POLARIS SUBMARINES
GS WATER VEHICLES
SHIPS
SUBMARINES
GUIDED MISSILE SUBMARINES
UNDERWATER VEHICLES
SUBMARINES
GUIDED MISSILE SUBMARINES
RT FLEET BALLISTIC MISSILES
POSEIDON MISSILES

GUINEA

GS NATIONS
GUINEA
RT AFRICA

GUINEA PIGS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
GUINEA PIGS

GULF OF ALASKA

GS GULFS
GULF OF ALASKA
RT ALASKA
PACIFIC OCEAN

NASA THESAURUS (VOLUME 1)

GULF OF CALIFORNIA (MEXICO)

GS GULFS
GULF OF CALIFORNIA (MEXICO)
RT MEXICO
PACIFIC OCEAN

GULF OF MEXICO

GS GULFS
GULF OF MEXICO
RT ALABAMA
CARIBBEAN SEA
FLORIDA
LOUISIANA
MEXICO
MISSISSIPPI
RIO GRANDE (NORTH AMERICA)
TEXAS

GULF STREAM

GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
GULF STREAM
RT ATLANTIC OCEAN
CARIBBEAN SEA
LOMONOSOV CURRENT
SARGASSO SEA
TOPEX

GULFS

GS GULFS
GULF OF ALASKA
GULF OF CALIFORNIA (MEXICO)
GULF OF MEXICO
PERSIAN GULF
RT BAYS (TOPOGRAPHIC FEATURES)
DELAWARE BAY (US)
INLETS (TOPOGRAPHY)
TOPOGRAPHY

GULLIVER PROGRAM

GS PROGRAMS
GULLIVER PROGRAM
RT EXTRATERRESTRIAL LIFE
SPACE EXPLORATION

GUM NEBULA

GS CELESTIAL BODIES
NEBULAE
GUM NEBULA
RT GALAXIES
ORION NEBULA

GUM VULCANIZATES

USE VULCANIZED ELASTOMERS

GUMBEL THEORY

USE RANGE (EXTREMES)

GUMS (SUBSTANCES)

GS GUMS (SUBSTANCES)
ROSIN
RT CHITIN
POLYSACCHARIDES
RUBBER
TARS

GUN LAUNCHERS

SN (ORDNANCE DEVICES FOR FIRING
MISSILES AND ROCKETS WITH INITIAL
ATTITUDE CONTROL)
GS LAUNCHERS
GUN LAUNCHERS
RT ARTILLERY
∞ BARRELS
GUNFIRE
HOWITZERS
HYPERVELOCITY LAUNCHERS
MISSILE LAUNCHERS
ROCKET CATAPULTS
ROCKET LAUNCHERS
SABOT PROJECTILES

GUN PROPELLANTS

UF GUNPOWDER
GS PROPELLANTS
GUN PROPELLANTS
RT EXPLOSIVES
GUNS (ORDNANCE)

GUN TURRETS

RT ∞ CUPOLAS
GUNS (ORDNANCE)

NASA THESAURUS (VOLUME 1)

GYROSCOPE FLUIDS

GUN TURRETS-(CONT)

∞ TURRET

GUNFIRE

RT ARTILLERY FIRE
FIRE CONTROL
FIRING (IGNITING)
GUN LAUNCHERS
GUNS (ORDNANCE)
PROJECTILES

GUNN DIODES

GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
GUNN DIODES
RT GALLIUM ARSENIDES
NEGATIVE RESISTANCE DEVICES
SEMICONDUCTOR DEVICES

GUNN EFFECT

RT ∞ EFFECTS
NEGATIVE CONDUCTANCE
NEGATIVE RESISTANCE DEVICES
SEMICONDUCTOR DEVICES
SEMICONDUCTOR LASERS

GUNNERY TRAINING

GS EDUCATION
GUNNERY TRAINING
RT ARTILLERY
FIRE CONTROL
GUNS (ORDNANCE)
HOWITZERS
WEAPONS

GUNPOWDER

USE GUN PROPELLANTS

∞ GUNS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT CROSSED FIELD GUNS
ELECTRON GUNS
GAS GUNS
GUNS (ORDNANCE)
HYPERVELOCITY GUNS
PLASMA GUNS

GUNS (ORDNANCE)

UF CANNONS
GS WEAPONS
GUNS (ORDNANCE)
HOWITZERS
PRECISION GUIDED PROJECTILES
RIFLES
RT AMMUNITION
EXPLOSIVES
GUN PROPELLANTS
GUN TURRETS
GUNFIRE
GUNNERY TRAINING
∞ GUNS
HEAT OF COMBUSTION
HYPERVELOCITY GUNS
INCENDIARY AMMUNITION
PROJECTILES
PROPELLANTS
SABOT PROJECTILES

GUST ALLEVIATORS

RT DEFLECTORS
GUSTS
SPOILERS
TURBULENT FLOW
VORTEX ALLEVIATION

GUST LOADS

GS AERODYNAMIC FORCES
AERODYNAMIC LOADS
GUST LOADS
LOADS (FORCES)
DYNAMIC LOADS
AERODYNAMIC LOADS
GUST LOADS
TRANSIENT LOADS
GUST LOADS
RANDOM LOADS
GUST LOADS
RT ATMOSPHERIC TURBULENCE
BLAST LOADS
GROUND WIND
GUSTS

GUST LOADS-(CONT)

STRUCTURAL DESIGN CRITERIA
WIND PRESSURE
WING LOADING

GUSTATORY PERCEPTION

USE TASTE

GUSTS

GS TURBULENCE
ATMOSPHERIC TURBULENCE
GUSTS
WIND (METEOROLOGY)
GUSTS
RT CLEAR AIR TURBULENCE
GROUND WIND
GUST ALLEVIATORS
GUST LOADS
SEA BREEZE
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
VORTEX AVOIDANCE

GUTENBERG ZONE

GS MODELS
GUTENBERG ZONE
REGIONS
GUTENBERG ZONE
RT ACOUSTIC VELOCITY
SEISMIC WAVES

GUY WIRES

UF STAYS
GS WIRE
GUY WIRES
RT ANCHORS (FASTENERS)
STRUCTURAL MEMBERS

GUYANA

UF BRITISH GUINEA
GS NATIONS
GUYANA
RT CARIBBEAN REGION
SOUTH AMERICA

GYMNASTICS

USE PHYSICAL EXERCISE

GYNECOLOGY

GS MEDICAL SCIENCE
GYNECOLOGY
RT FEMALES
GENITOURINARY SYSTEM

GYPSUM

GS MINERALS
GYPSUM
PLASTERS
GYPSUM
RT CALCIUM
CHALK
ROCKS
SEDIMENTARY ROCKS
SULFATES

GYRATION

GS GYRATION
PRECESSION
LARMOR PRECESSION
PROTON PRECESSION
QUENCHING (ATOMIC PHYSICS)
REVOLVING
ROTATION
AUTOROTATION
COROTATION
COUNTER ROTATION
EARTH ROTATION
MOLECULAR ROTATION
MUON SPIN ROTATION
PLANETARY ROTATION
SATELLITE ROTATION
STELLAR ROTATION
SOLAR ROTATION
RT ANGULAR VELOCITY
∞ MOTION
SPIN DYNAMICS

GYRATORS

UF TELLEGEN THEORY
GS MICROWAVE EQUIPMENT
GYRATORS
MICROWAVE FILTERS
RT FERRITES

GYRATORS-(CONT)

MICROWAVE SWITCHING
NETWORK ANALYSIS
∞ NETWORKS
PHASE SHIFT CIRCUITS
WAVEGUIDES

GYRES

RT AIR WATER INTERACTIONS
COASTAL CURRENTS
OCEAN CURRENTS
OCEANOGRAPHY

GYRO HORIZONS

GS AIRCRAFT INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
DISPLAY DEVICES
GYRO HORIZONS
FLIGHT INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
GYROSCOPES
ATTITUDE GYROS
GYRO HORIZONS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
ATTITUDE INDICATORS
GYRO HORIZONS
RT HORIZON

GYROCOMPASSES

GS AIRCRAFT INSTRUMENTS
COMPASSES
GYROCOMPASSES
GYROSCOPES
GYROCOMPASSES
MEASURING INSTRUMENTS
COMPASSES
GYROCOMPASSES
INDICATING INSTRUMENTS
GYROCOMPASSES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
COMPASSES
GYROCOMPASSES
RT MAGNETIC COMPASSES
RADIO DIRECTION FINDERS
SOLAR COMPASSES

GYRODAMPERS

RT CONTROL MOMENT GYROSCOPES
GIMBALS
GYROSCOPIC STABILITY
STRUCTURAL VIBRATION
VIBRATION DAMPING

GYRODYNE AIRCRAFT

GS GYRODYNE AIRCRAFT
QH-50 HELICOPTER
RT ∞ AIRCRAFT

GYRODYNE DSN-3 HELICOPTER

USE QH-50 HELICOPTER

GYRODYNE MILITARY AIRCRAFT

USE QH-50 HELICOPTER

GYROFREQUENCY

GS MAGNETIC PROPERTIES
GYROMAGNETISM
GYROFREQUENCY
RT CHARGED PARTICLES
MAGNETOIONICS

GYROINTERACTION

USE MAGNETIC RIGIDITY

GYROMAGNETISM

GS MAGNETIC PROPERTIES
GYROMAGNETISM
GYROFREQUENCY
RT LARMOR RADIUS

GYROPLANES

USE HELICOPTERS

GYROS

USE GYROSCOPES

GYROSCOPE FLUIDS

RT DAMPING
∞ FLUIDS
ROTARY GYROSCOPES

GYROSCOPES

GYROSCOPE FLUIDS-(CONT) SUSPENDING (HANGING)

GYROSCOPES

UF GYROS
GYROSCOPIC DRIFT
GYROSTATS
GS **GYROSCOPES**
ATTITUDE GYROS
GYRO HORIZONS
CONTROL MOMENT GYROSCOPES
CRYOGENIC GYROSCOPES
ELECTROSTATIC GYROSCOPES
GYROCOMPASSES
GYROSCOPIC PENDULUMS
GYROSTABILIZERS
LASER GYROSCOPES
NUCLEAR GYROSCOPES
OPTICAL GYROSCOPES
ROTARY GYROSCOPES
FLUID ROTOR GYROSCOPES
TUNING FORK GYROSCOPES
RT AUTOMATIC PILOTS
GIMBALLS INERTIAL NAVIGATION
GIMBALLS
GRAVITY PROBE B
GYROSCOPIC STABILITY
PRECESSION
STABILIZERS
TORQUERS

GYROSCOPIC COUPLING

GS COUPLING
RT **GYROSCOPIC COUPLING**
NAVIGATION

GYROSCOPIC DRIFT

USE GYROSCOPES
GYROSCOPIC STABILITY

GYROSCOPIC PENDULUMS

UF PENDULOUS GYROSCOPES
GS GYROSCOPES
GYROSCOPIC PENDULUMS
OSCILLATORS
MECHANICAL OSCILLATORS
PENDULUMS
GYROSCOPIC PENDULUMS
RT ACCELEROMETERS
DAMPING
SCHULER TUNING

GYROSCOPIC STABILITY

UF GYROSCOPIC DRIFT
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
RT DAMPING
GYRODAMPERS
GYROSCOPES
HOVERING STABILITY
INERTIAL PLATFORMS
PRECESSION
ROTARY GYROSCOPES
SCHULER TUNING
SEA KEEPING
STABILIZED PLATFORMS
STABLE OSCILLATIONS
YO-YO DEVICES

GYROSTABILIZERS

GS GYROSCOPES
GYROSTABILIZERS
RT NAVIGATION AIDS
SEA KEEPING
STABILIZED PLATFORMS
THRUST VECTOR CONTROL

GYROSTATS

USE GYROSCOPES

GYROTRONS

USE CYCLOTRON RESONANCE DEVICES

GYROTROPISM

GS TROPISM
GYROTROPISM
RT FREQUENCY SHIFT

H

H ALPHA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H ALPHA LINE
RT ABSORPTION SPECTRA
EMISSION SPECTRA
SOLAR SPECTRA

H BETA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H BETA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
EMISSION SPECTRA
SOLAR SPECTRA

H GAMMA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H GAMMA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
EMISSION SPECTRA
SOLAR SPECTRA

H LINES

SN (EXCLUDES SURFACES OF CONSTANT
MAGNETIC FIELD STRENGTH)
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
D LINES
EMISSION SPECTRA
K LINES
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES
SOLAR SPECTRA
TELLURIC LINES

H WAVES

GS ELECTROMAGNETIC RADIATION
H WAVES
OSCILLATIONS
TRANSVERSE OSCILLATION
H WAVES
TRANSVERSE WAVES
H WAVES
RT ELECTRIC FIELD STRENGTH

H-1 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
H-1 ENGINE
LIQUID PROPELLANT ROCKET
ENGINES
H-1 ENGINE
RT SATURN 1 LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES

H-13 HELICOPTER

USE OH-13 HELICOPTER

H-17 HELICOPTER

UF FLYING CRANE HELICOPTER
GS HUGHES AIRCRAFT
H-17 HELICOPTER
JET AIRCRAFT
H-17 HELICOPTER
RESEARCH AIRCRAFT
H-17 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
H-17 HELICOPTER

H-19 HELICOPTER

GS PASSENGER AIRCRAFT
H-19 HELICOPTER
SIKORSKY AIRCRAFT
H-19 HELICOPTER
TRANSPORT AIRCRAFT
H-19 HELICOPTER
RT V/STOL AIRCRAFT

H-21 HELICOPTER

USE CH-21 HELICOPTER

H-23 HELICOPTER

USE OH-23 HELICOPTER

H-25 HELICOPTER

GS BOEING AIRCRAFT
H-25 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
TANDEM ROTOR HELICOPTERS
H-25 HELICOPTER
RT ANTISUBMARINE WARFARE AIRCRAFT

H-34 HELICOPTER

USE CH-34 HELICOPTER

H-43 HELICOPTER

GS KAMAN AIRCRAFT
H-43 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
H-43 HELICOPTER

H-51 HELICOPTER

USE XH-51 HELICOPTER

H-53 HELICOPTER

UF CH-53 HELICOPTER
HHX HELICOPTER
SIKORSKY S-65 HELICOPTER
GS PASSENGER AIRCRAFT
H-53 HELICOPTER
SIKORSKY AIRCRAFT
H-53 HELICOPTER
TRANSPORT AIRCRAFT
H-53 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
H-53 HELICOPTER

H-54 HELICOPTER

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
H-54 HELICOPTER

H-56 HELICOPTER

GS PASSENGER AIRCRAFT
H-56 HELICOPTER
SIKORSKY AIRCRAFT
H-56 HELICOPTER
TRANSPORT AIRCRAFT
H-56 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
H-56 HELICOPTER

H-60 HELICOPTER

UF BLACK HAWK ASSAULT HELICOPTER
GS SIKORSKY AIRCRAFT
H-60 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT

H-60 HELICOPTER-(CONT)

HELICOPTERS
MILITARY HELICOPTERS
H-60 HELICOPTER
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT

H-126 AIRCRAFT

UF HUNTING H-126 AIRCRAFT
GS BAC AIRCRAFT
H-126 AIRCRAFT
JET AIRCRAFT
H-126 AIRCRAFT
MONOPLANES
H-126 AIRCRAFT
RESEARCH AIRCRAFT
H-126 AIRCRAFT
RT ∞ AIRCRAFT
JET FLAPS

HABITABILITY

RT ECOLOGY
ENVIRONMENTAL CONTROL
ENVIRONMENTS
SHELTERS

HABITATS

SN (LIMITED TO PLANTS AND ANIMALS)
GS REGIONS
HABITATS
RT ANIMALS
∞ BIOLOGY
BOTANY
CONSERVATION
EARTH RESOURCES
ECOLOGY
ENDANGERED SPECIES
ENVIRONMENTAL EFFECTS
ENVIRONMENTS
WILDLIFE

HABITS

RT LEARNING
PSYCHOLOGICAL FACTORS

HABITUATION (LEARNING)

GS LEARNING
HABITUATION (LEARNING)
RT CONDITIONING (LEARNING)

HADRONS

GS PARTICLES
ELEMENTARY PARTICLES
HADRONs
BARYONS
OMEGA-MESONS
RHO-MESONS
SIGMA MESONS
MESONS
KAONS
MUONS
OMEGA-MESONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
RT CHARM (PARTICLE PHYSICS)
FLAVOR (PARTICLE PHYSICS)
PARTONS
QUARK PARTON MODEL
VECTOR DOMINANCE MODEL

HAFNIUM

GS CHEMICAL ELEMENTS
HAFNIUM
HAFNIUM ISOTOPES
METALS
TRANSITION METALS
HAFNIUM
HAFNIUM ISOTOPES

HAFNIUM ALLOYS

GS ALLOYS
HAFNIUM ALLOYS

HAFNIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
HAFNIUM CARBIDES
HAFNIUM COMPOUNDS
HAFNIUM CARBIDES

HAFNIUM COMPOUNDS

GS **HAFNIUM COMPOUNDS**
HAFNIUM CARBIDES

HAFNIUM COMPOUNDS-(CONT)

HAFNIUM IODIDES
HAFNIUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 4B COMPOUNDS
∞ METAL COMPOUNDS

HAFNIUM IODIDES

GS HAFNIUM COMPOUNDS
HAFNIUM IODIDES
HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
HAFNIUM IODIDES
IODINE COMPOUNDS
IODIDES
HAFNIUM IODIDES

HAFNIUM ISOTOPES

GS CHEMICAL ELEMENTS
HAFNIUM
HAFNIUM ISOTOPES
NUCLIDES
ISOTOPES
HAFNIUM ISOTOPES
METALS
TRANSITION METALS
HAFNIUM
HAFNIUM ISOTOPES

HAFNIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
HAFNIUM OXIDES
HAFNIUM COMPOUNDS
HAFNIUM OXIDES

HAIL

UF HAILSTONES
GS PRECIPITATION (METEOROLOGY)
HAIL
RT CLOUD GLACIATION
HAILSTORMS
ICE FORMATION
STORMS (METEOROLOGY)
THUNDERSTORMS

HAILSTONES

USE HAIL

HAILSTORMS

GS STORMS
STORMS (METEOROLOGY)
HAILSTORMS
RT CLIMATOLOGY
HAIL
METEOROLOGY
PRECIPITATION (METEOROLOGY)
RAINSTORMS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
THUNDERSTORMS

HAIR

GS FIBERS
HAIR
RT KERATINS
WOOL

HAITI

GS LANDFORMS
ISLANDS
WEST INDIES
HAITI
NATIONS
HAITI
RT CARIBBEAN REGION
CARIBBEAN SEA

HAL/S (LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
HAL/S (LANGUAGE)
RT COMPUTER PROGRAMMING
COMPUTERS

HALDEN BOILING WATER REACTOR

UF HALDEN REACTOR
HBWR REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS

HALDEN BOILING WATER REACTOR-(CONT)

BOILING WATER REACTORS
HALDEN BOILING WATER REACTOR

HALDEN REACTOR

USE HALDEN BOILING WATER REACTOR

HALF CONES

RT AERODYNAMIC CONFIGURATIONS
CIRCULAR CONES
CONES
CONICS
NOSE CONES

HALF LIFE

GS DECAY
HALF LIFE
LIFE (DURABILITY)
HALF LIFE
RT NUCLEAR REACTIONS
POST-BLAST NUCLEAR RADIATION
RADIATIVE LIFETIME
RADIOACTIVE AGE DETERMINATION
RADIOACTIVE DECAY
RADIOACTIVITY
REACTION KINETICS

HALF PLANES

GS ANALYSIS (MATHEMATICS)
HALF PLANES
RT BOUNDARY VALUE PROBLEMS
COORDINATES
DIFFERENTIAL EQUATIONS
GREEN'S FUNCTIONS

HALF SPACES

GS ANALYSIS (MATHEMATICS)
HALF SPACES
RT BOUNDARY VALUE PROBLEMS
COORDINATES
ELLIPTIC DIFFERENTIAL EQUATIONS
FRACTALS
GREEN'S FUNCTIONS

HALIDES

GS HALOGEN COMPOUNDS
HALIDES
BROMIDES
AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID
HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
CHLORIDES
ALUMINUM CHLORIDES
AMMONIUM CHLORIDES
BERYLLIUM CHLORIDES
BORON CHLORIDES
CADMIUM CHLORIDES
CALCIUM CHLORIDES
CARBON TETRACHLORIDE
COPPER CHLORIDES
DICHLORIDES
GERMANIUM CHLORIDES
HYDROCHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID
IRON CHLORIDES
LANTHANUM CHLORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
MAGNESIUM CHLORIDES
NITROSYL CHLORIDES
NITROXYCHLORIDES
NITRYL CHLORIDES
PHOSGENE
POTASSIUM CHLORIDES
SILICON TETRACHLORIDE
SILVER CHLORIDES
SODIUM CHLORIDES
SULFUR CHLORIDES
TETRACHLORIDES
TITANIUM CHLORIDES
TUNGSTEN CHLORIDES
ZINC CHLORIDES
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES

HALITES

NASA THESAURUS (VOLUME 1)

HALIDES-(CONT)

BORON FLUORIDES
CHLORINE FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
METAL HALIDES
ALKALI HALIDES
CESIUM HALIDES
CESIUM BROMIDES
CESIUM FLUORIDES
CESIUM IODIDES
POTASSIUM IODIDES
SODIUM BROMIDES
SODIUM CHLORIDES
SODIUM FLUORIDES
SODIUM IODIDES
ALUMINUM CHLORIDES
ALUMINUM FLUORIDES
BARIUM FLUORIDES
BERYLLIUM CHLORIDES
BERYLLIUM FLUORIDES
CADMIUM CHLORIDES
CADMIUM FLUORIDES
CALCIUM CHLORIDES
CALCIUM FLUORIDES
FLUORSPAR
CHROMIUM BROMIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER CHLORIDES
COPPER FLUORIDES
HAFNIUM IODIDES
IRON CHLORIDES
LANTHANUM CHLORIDES
LANTHANUM FLUORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
LITHIUM FLUORIDES
MAGNESIUM BROMIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
NIOBIUM IODIDES
PLUTONIUM FLUORIDES
POTASSIUM BROMIDES
POTASSIUM CHLORIDES
PROTACTINIUM FLUORIDES
SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES
STRONTIUM BROMIDES
STRONTIUM FLUORIDES
TECHNETIUM FLUORIDES
THORIUM FLUORIDES
TITANIUM CHLORIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES
URANIUM FLUORIDES
ZINC CHLORIDES
ZINC FLUORIDES
ZIRCONIUM IODIDES
OXYHALIDES
RT HALOGENS
MOLTEN SALTS
NITROSYLS

HALITES

UF ROCK SALT
RT MOLTEN SALTS
∞SALTS

HALL ACCELERATORS

RT ∞ACCELERATORS
ALPHA PLASMA DEVICES
MAGNETOHYDRODYNAMICS
PLASMA PHYSICS

HALL COEFFICIENT

USE HALL EFFECT

HALL CURRENTS

USE ELECTRIC CURRENT
HALL EFFECT

HALL EFFECT

UF HALL COEFFICIENT
HALL CURRENTS
RT CARRIER MOBILITY
∞EFFECTS
GALVANOMAGNETIC EFFECTS
MAGNETOHYDRODYNAMICS
MOBILITY
POLARIZATION (CHARGE SEPARATION)
SEMICONDUCTOR DEVICES
TRANSPORT PROPERTIES

HALL GENERATORS

RT CIRCULATORS (PHASE SHIFT CIRCUITS)
FARADAY EFFECT
∞GENERATORS
PLASMA GENERATORS
SIGNAL GENERATORS

HALLAM NUCLEAR POWER FACILITY

UF HNP (HALLAM NUCLEAR POWER FACILITY)
GS ELECTRIC POWER PLANTS
NUCLEAR POWER PLANTS
HALLAM NUCLEAR POWER FACILITY
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR POWER PLANTS
HALLAM NUCLEAR POWER FACILITY
RT ∞POWER PLANTS
SODIUM GRAPHITE REACTORS

HALLEY'S COMET

GS CELESTIAL BODIES
COMETS
HALLEY'S COMET
SOLAR SYSTEM
HALLEY'S COMET
RT GIOTTO MISSION
VEGA PROJECT

HALLUCINATIONS

GS PSYCHOLOGICAL EFFECTS
ILLUSIONS
HALLUCINATIONS
RT SIGNS AND SYMPTOMS

HALO ORBIT SPACE STATION

GS STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
HALO ORBIT SPACE STATION
RT ARTIFICIAL SATELLITES
LUNAR SPACECRAFT
SATELLITES

HALOCARBONS

GS CARBON COMPOUNDS
HALOCARBONS
CHLOROCARBONS
HALOGEN COMPOUNDS
HALOCARBONS
FLUOROCARBONS
RT BROMINE COMPOUNDS
∞CHEMICAL COMPOUNDS
CHLORINE COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
IODINE COMPOUNDS

HALOE

USE HALOGEN OCCULTATION EXPERIMENT

HALOGEN COMPOUNDS

UF GROUP 7A COMPOUNDS
GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMATES
BROMIDES
AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID
HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
CHLORINE COMPOUNDS
CHLORATES
CHLORIDES
ALUMINUM CHLORIDES
AMMONIUM CHLORIDES

HALOGEN COMPOUNDS-(CONT)

BERYLLIUM CHLORIDES
BORON CHLORIDES
CADMIUM CHLORIDES
CALCIUM CHLORIDES
CARBON TETRACHLORIDE
COPPER CHLORIDES
DICHLORIDES
GERMANIUM CHLORIDES
HYDROCHLORIDES
IRON CHLORIDES
LANTHANUM CHLORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
MAGNESIUM CHLORIDES
NITROSYL CHLORIDES
NITROXYCHLORIDES
NITRYL CHLORIDES
PHOSGENE
POTASSIUM CHLORIDES
SILICON TETRACHLORIDE
SILVER CHLORIDES
SODIUM CHLORIDES
SULFUR CHLORIDES
TETRACHLORIDES
TITANIUM CHLORIDES
TUNGSTEN CHLORIDES
ZINC CHLORIDES
CHLORINE FLUORIDES
CHLORINE OXIDES
CHLOROSILANES
DDT
MECLIZINE
PERCHLORATES
ALUMINUM PERCHLORATES
AMMONIUM PERCHLORATES
HYDRAZINE PERCHLORATES
HYDROGEN PERCHLORATE
HYDROXYLAMMONIUM
PERCHLORATES
LITHIUM PERCHLORATES
MAGNESIUM PERCHLORATES
NITRONIUM PERCHLORATE
POTASSIUM PERCHLORATES
FLUORINE COMPOUNDS
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
COMPOUND A
CRYOLITE
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
METAL FLUORIDES
ALUMINUM FLUORIDES
BERYLLIUM FLUORIDES
CADMIUM FLUORIDES
CALCIUM FLUORIDES
CESIUM FLUORIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER FLUORIDES
LANTHANUM FLUORIDES
LITHIUM FLUORIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
PLUTONIUM FLUORIDES
PROTACTINIUM FLUORIDES
SODIUM FLUORIDES
STRONTIUM FLUORIDES
THORIUM FLUORIDES
TUNGSTEN FLUORIDES
URANIUM FLUORIDES
ZINC FLUORIDES
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
FLUORITE
FLUORO COMPOUNDS
CRYOLITE
DIFLUORO COMPOUNDS
PERFLUOROALKANE
POLYTETRAFLUOROETHYLENE
FLUORINE ORGANIC COMPOUNDS
FLUOROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUOROCARBONS
FLUOROHYDROCARBONS

HALOGEN COMPOUNDS-(CONT)

CARBON TETRAFLUORIDE
 FLUOROPOLYMERS
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
HALIDES
BROMIDES
 AMMONIUM BROMIDES
 CESIUM BROMIDES
 CHROMIUM BROMIDES
 DIBROMIDES
 HYDROBROMIC ACID
 HYDROBROMIDES
 MAGNESIUM BROMIDES
 POTASSIUM BROMIDES
 SILVER BROMIDES
 SODIUM BROMIDES
 STRONTIUM BROMIDES
CHLORIDES
 ALUMINUM CHLORIDES
 AMMONIUM CHLORIDES
 BERYLLIUM CHLORIDES
 BORON CHLORIDES
 CADMIUM CHLORIDES
 CALCIUM CHLORIDES
 CARBON TETRACHLORIDE
 COPPER CHLORIDES
 DICHLORIDES
 GERMANIUM CHLORIDES
 HYDROCHLORIDES
 HYDROGEN CHLORIDES
 HYDROCHLORIC ACID
 IRON CHLORIDES
 LANTHANUM CHLORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 MAGNESIUM CHLORIDES
 NITROSYL CHLORIDES
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 PHOSGENE
 POTASSIUM CHLORIDES
 SILICON TETRACHLORIDE
 SILVER CHLORIDES
 SODIUM CHLORIDES
 SULFUR CHLORIDES
 TETRACHLORIDES
 TITANIUM CHLORIDES
 TUNGSTEN CHLORIDES
 ZINC CHLORIDES
FLUORIDES
 ANTIMONY FLUORIDES
 BARIUM FLUORIDES
 BORON FLUORIDES
 CHLORINE FLUORIDES
 DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 HYDROFLUORIC ACID
 NITROGEN FLUORIDES
 OXYFLUORIDES
 OXYGEN FLUORIDES
 OZONE FLUORIDE
 PERCHLORYL FLUORIDES
 SULFUR FLUORIDES
 TECHNETIUM FLUORIDES
METAL HALIDES
 ALKALI HALIDES
 CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 POTASSIUM IODIDES
 SODIUM BROMIDES
 SODIUM CHLORIDES
 SODIUM FLUORIDES
 SODIUM IODIDES
 ALUMINUM CHLORIDES
 ALUMINUM FLUORIDES
 BARIUM FLUORIDES
 BERYLLIUM CHLORIDES
 BERYLLIUM FLUORIDES
 CADMIUM CHLORIDES
 CADMIUM FLUORIDES
 CALCIUM CHLORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 CHROMIUM BROMIDES
 CHROMIUM FLUORIDES
 COBALT FLUORIDES
 COPPER CHLORIDES
 COPPER FLUORIDES
 HAFNIUM IODIDES
 IRON CHLORIDES
 LANTHANUM CHLORIDES

HALOGEN COMPOUNDS-(CONT)

LANTHANUM FLUORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 LITHIUM FLUORIDES
 MAGNESIUM BROMIDES
 MAGNESIUM FLUORIDES
 NICKEL FLUORIDES
 NIOBIUM IODIDES
 PLUTONIUM FLUORIDES
 POTASSIUM BROMIDES
 POTASSIUM CHLORIDES
 PROTACTINIUM FLUORIDES
 SILVER HALIDES
 SILVER BROMIDES
 SILVER CHLORIDES
 SILVER IODIDES
 STRONTIUM BROMIDES
 STRONTIUM FLUORIDES
 TECHNETIUM FLUORIDES
 THORIUM FLUORIDES
 TITANIUM CHLORIDES
 TUNGSTEN HALIDES
 TUNGSTEN CHLORIDES
 TUNGSTEN FLUORIDES
 URANIUM FLUORIDES
 ZINC CHLORIDES
 ZINC FLUORIDES
 ZIRCONIUM IODIDES
 OXYHALIDES
HALOCARBONS
 FLUOROCARBONS
 IODINE COMPOUNDS
 IODATES
 LITHIUM IODATES
 IODIDES
 CESIUM IODIDES
 GALLAMINE TRIETHIODIDE
 HAFNIUM IODIDES
 NIOBIUM IODIDES
 POTASSIUM IODIDES
 SILVER IODIDES
 SODIUM IODIDES
 ZIRCONIUM IODIDES
 IODOACETIC ACID
 NITROSYLS
 NITROSYL CHLORIDES
 RT ∞ CHEMICAL COMPOUNDS

HALOGEN OCCULTATION EXPERIMENT

UF HALOE
 GS PAYLOADS
 SPACE SHUTTLE PAYLOADS
HALOGEN OCCULTATION EXPERIMENT
 RT OZONE

HALOGENATION

GS CHEMICAL REACTIONS
HALOGENATION
 BROMINATION
 CHLORINATION
 FLUORINATION
 RT DEFLUORINATION
 HALOGENS

HALOGENS

GS CHEMICAL ELEMENTS
HALOGENS
 ASTATINE
 BROMINE
 BROMINE ISOTOPES
 CHLORINE
 FLUORINE
 FLUORINE ISOTOPES
 IODINE
 IODINE ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 RT EXCIMER LASERS
 HALIDES
 HALOGENATION

HALOPHILES

RT AGRICULTURE
 PLANTS (BOTANY)

HALOS

GS SCATTERING
 WAVE SCATTERING
 ELECTROMAGNETIC SCATTERING
 LIGHT SCATTERING
HALOS
 TRANSMISSION

HALOS-(CONT)

ELECTROMAGNETIC WAVE
 TRANSMISSION
 LIGHT TRANSMISSION
 LIGHT SCATTERING
HALOS
 WAVE PROPAGATION
 LIGHT SCATTERING
HALOS
 RT ASTRONOMY
 ATMOSPHERIC SCATTERING
 CORONAS
 HAZE
 IMAGES
 RAINBOWS

HALPHEN METHOD

RT ∞ METHODOLOGY

HAMBURGER AIRCRAFT

GS **HAMBURGER AIRCRAFT**
 C-160 AIRCRAFT
 HFB-320 AIRCRAFT
 RT ∞ AIRCRAFT

HAMBURGER HFB-320 AIRCRAFT

USE HFB-320 AIRCRAFT

HAMILTON-JACOBI EQUATION

RT ∞ EQUATIONS
 EQUATIONS OF MOTION
 HAMILTONIAN FUNCTIONS
 RELATIVISTIC PARTICLES

HAMILTONIAN FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
HAMILTONIAN FUNCTIONS
 RT CLASSICAL MECHANICS
 ∞ DYNAMICS
 HAMILTON-JACOBI EQUATION
 QUANTUM THEORY
 VON ZEIPPEL METHOD

HAMMERHEAD CONFIGURATION

RT FOREBODIES
 MISSILE CONFIGURATIONS

HAMMERS

GS **HAMMERS**
 ELECTROMAGNETIC HAMMERS
 RT IMPACTORS
 PRESSES
 RAMS (PRESSES)
 TOOLS

HAMSTERS

GS ANIMALS
 VERTEBRATES
 MAMMALS
 RODENTS
HAMSTERS

HAND (ANATOMY)

GS ANATOMY
 LIMBS (ANATOMY)
HAND (ANATOMY)
 FINGERS
 APPENDAGES
HAND (ANATOMY)
 RT FINGERS
 WRIST

HANDBOOKS

GS DOCUMENTS
HANDBOOKS
 USER MANUALS (COMPUTER PROGRAMS)
 RT BIBLIOGRAPHIES
 DIRECTORIES
 INDEXES (DOCUMENTATION)
 MANUALS
 SUBJECTS
 TEXTBOOKS
 TRAINING ANALYSIS

HANDEDNESS

RT LATERAL STABILITY

HANDICAPS

RT FRUSTRATION
 ∞ INHIBITION
 WHEELCHAIRS

HANDLES

HANDLES

RT KNOBS
LEVERS
MANUAL CONTROL

HANDLEY PAGE AIRCRAFT

GS **HANDLEY PAGE AIRCRAFT**
HP-115 AIRCRAFT
VICTOR MK-1 AIRCRAFT
RT ∞ AIRCRAFT

HANDLEY PAGE HP-115 AIRCRAFT

USE HP-115 AIRCRAFT

HANDLING EQUIPMENT

GS **HANDLING EQUIPMENT**
CRANES
GANTRY CRANES
RT CRAWLER TRACTORS
∞ EQUIPMENT
GROUND SUPPORT EQUIPMENT
HARBORS
LOCOMOTIVES
PROPELLANT STORAGE
∞ STORAGE
TRACTORS
TRANSPORTATION

HANDLING QUALITIES

USE CONTROLLABILITY

HANDWRITING

GS **HANDWRITING**
GRAPHOLOGY
RT CHARACTER RECOGNITION
ORTHOGRAPHY

HANFORD REACTORS

GS NUCLEAR REACTORS
HANFORD REACTORS
RT REACTOR DESIGN
REACTOR PHYSICS
REACTOR TECHNOLOGY

HANG GLIDERS

GS GLIDERS
HANG GLIDERS
RT ∞ AIRCRAFT
FLEXIBLE WINGS
FREE FLIGHT
MAN POWERED AIRCRAFT
PARAWINGS
SAILWINGS
SOARING
ULTRALIGHT AIRCRAFT
∞ WINGED VEHICLES

HANGARS

RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
∞ BUILDINGS
GROUND HANDLING
GROUND STATIONS
HELIPORTS
MILITARY AIR FACILITIES

HANKEL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
BESSEL FUNCTIONS
HANKEL FUNCTIONS
REAL VARIABLES
BESSEL FUNCTIONS
HANKEL FUNCTIONS
FUNCTIONS (MATHEMATICS)
HANKEL FUNCTIONS
RT BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS
ORTHOGONAL FUNCTIONS

HANSEN LUNAR THEORY

RT EARTH ORBITS
ORBITAL MECHANICS
PERTURBATION THEORY
∞ THEORIES

HAPLOSOPES

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
HAPLOSOPES
RT ASTIGMATISM
BINOCULAR VISION
EYE EXAMINATIONS
∞ INSTRUMENTS

HAPLOSOPES-(CONT)

OPTOMETRY

HARBORS

GS WATERWAYS
HARBORS
ARTIFICIAL HARBORS
RT BOATS
BREAKWATERS
CARGO
DREDGING
ESTUARIES
FREIGHTERS
HANDLING EQUIPMENT
MARINE TRANSPORTATION
OCEANOGRAPHY
∞ PORTS
REGIONAL PLANNING
SHIP TERMINALS
SHIPS
TANKER SHIPS
TERMINAL FACILITIES
TRAFFIC
∞ TRAVEL
WATER VEHICLES
WHARVES

HARD LANDING

GS LANDING
HARD LANDING
RT AIRCRAFT LANDING
CRASH LANDING
LUNAR LANDING
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING

HARDENERS

RT ALLOYS
HARDENING (MATERIALS)
HEAT TREATMENT

∞ HARDENING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT HARDENING (MATERIALS)
HARDENING (SYSTEMS)

HARDENING (MATERIALS)

UF METAL HARDENING
GS **HARDENING (MATERIALS)**
CARBURIZING
COLD HARDENING
HOT PRESSING
NITRIDING
PRECIPITATION HARDENING
MARAGING
PULSE HEATING
SHOT PEENING
SILICONIZING
WORK HARDENING
STRAIN HARDENING
RT AGING (MATERIALS)
AGING (METALLURGY)
ANNEALING
COAGULATION
HARDENERS
∞ HARDENING
HEAT TREATMENT
MARTENSITE
METAL WORKING
∞ METALLURGY
MICROSTRUCTURE
NORMALIZING (HEAT TREATMENT)
PEENING
QUENCHING (COOLING)
∞ SETTING
SOFTENING
TEMPERING

HARDENING (SYSTEMS)

SN *(TECHNIQUES FOR DECREASING THE
SUSCEPTIBILITY OR VULNERABILITY OF
WEAPON SYSTEMS AND COMPONENTS)*
RT ∞ HARDENING
MISSILE DEFENSE
NUCLEAR WARFARE
∞ SYSTEMS

HARDNESS

GS MECHANICAL PROPERTIES
HARDNESS
KNOOP HARDNESS

NASA THESAURUS (VOLUME 1)

HARDNESS-(CONT)

MICROHARDNESS
ROCKWELL HARDNESS
RT ABRASION RESISTANCE
BRITTLE MATERIALS
BRITTLINESS
CHARRY IMPACT TEST
COLD HARDENING
DUCTILITY
FATIGUE (MATERIALS)
FRACTURE STRENGTH
IMPACT STRENGTH
INDENTATION
NOTCH TESTS
PLASTIC PROPERTIES
SOFTNESS
SURFACE PROPERTIES
TEMPER (METALLURGY)
TOUGHNESS
WEAR

HARDNESS TESTS

RT COMPRESSION TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
KNOOP HARDNESS
LOW TEMPERATURE TESTS
∞ MATERIALS TESTS
NONDESTRUCTIVE TESTS
STATIC TESTS
∞ TESTS
WEAR TESTS

HARDWARE

RT COMPUTERS
ELECTRONIC MODULES
∞ EQUIPMENT
FIRMWARE
FIXTURES
TOOLS

HARDWARE UTILIZATION LISTS

UF HUL
GS LISTS

RT ∞ **HARDWARE UTILIZATION LISTS**
CATALOGS
DOCUMENTS

HARLETON METEORITE

GS CELESTIAL BODIES
METEORITES
HARLETON METEORITE
RT IRON METEORITES
STONY METEORITES

HARMONIC ANALYSIS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
HARMONIC ANALYSIS
TESSERAL HARMONICS
ZONAL HARMONICS
RT BANACH SPACE
FORM FACTORS
FOURIER ANALYSIS
FREQUENCY ANALYZERS
MICROWAVE RESONANCE

HARMONIC CONTROL

RT ∞ CONTROL
HARMONIC OSCILLATION
HARMONICS
HELICOPTER CONTROL
ROTARY WINGS
VIBRATION DAMPING

HARMONIC EXCITATION

GS EXCITATION
WAVE EXCITATION
HARMONIC EXCITATION
HARMONICS
HARMONIC EXCITATION
RT ACOUSTICS
FOURIER ANALYSIS
SIMPLE HARMONIC MOTION

HARMONIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
HARMONIC FUNCTIONS
FUNCTIONS (MATHEMATICS)
HARMONIC FUNCTIONS
RT AIRY FUNCTION
FOURIER ANALYSIS
LAPLACE EQUATION
MAXIMUM PRINCIPLE

HARMONIC GENERATIONS

GS HARMONICS
HARMONIC GENERATIONS
 RT ACOUSTICS
 CARRIER FREQUENCIES
 FOURIER ANALYSIS
 PHASE MATCHING
 WAVE GENERATION

HARMONIC GENERATORS

RT COMPARATORS
 FREQUENCY CONVERTERS
 ∞ GENERATORS
 HARMONICS
 OSCILLATORS
 SUBHARMONIC GENERATORS

HARMONIC MOTION

GS **HARMONIC MOTION**
 SIMPLE HARMONIC MOTION
 RT GROUP VELOCITY
 ∞ MOTION

HARMONIC OSCILLATION

GS HARMONICS
HARMONIC OSCILLATION
 OSCILLATIONS
HARMONIC OSCILLATION
 RT ACOUSTICS
 FOURIER ANALYSIS
 HARMONIC CONTROL
 TRANSVERSE OSCILLATION

HARMONIC OSCILLATORS

GS OSCILLATORS
HARMONIC OSCILLATORS
 RT HARMONICS
 MECHANICAL OSCILLATORS
 SUBHARMONIC GENERATORS

HARMONIC RADIATION

RT ELECTROMAGNETIC RADIATION
 ∞ RADIATION

HARMONICS

UF OVERTONES
 GS **HARMONICS**
 HARMONIC EXCITATION
 HARMONIC GENERATIONS
 HARMONIC OSCILLATION
 SIMPLE HARMONIC MOTION
 SPHERICAL HARMONICS
 SUPERHARMONICS
 TESSERAL HARMONICS
 ZONAL HARMONICS
 RT ACOUSTICS
 CYCLES
 FOURIER ANALYSIS
 FREQUENCIES
 HARMONIC CONTROL
 HARMONIC GENERATORS
 HARMONIC OSCILLATORS
 NODES (STANDING WAVES)
 RESONANT FREQUENCIES
 SOUND-SOUND INTERACTIONS
 STANDING WAVES
 SUBAUDIBLE FREQUENCIES
 SUBHARMONIC GENERATORS
 VIBRATION
 WAVELENGTHS

HARNESSES

RT COUCHES
 SAFETY DEVICES
 SEAT BELTS
 SEATS
 TRANSMISSION LINES

HARPOON MISSILE

GS MISSILES
 AIR TO SURFACE MISSILES
HARPOON MISSILE
 RT SURFACE TO SURFACE MISSILES
 WEAPON SYSTEMS

HARRIER AIRCRAFT

UF AV-8A AIRCRAFT
 AV-8B AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
HARRIER AIRCRAFT
 RT ∞ AIRCRAFT
 BUCCANEER AIRCRAFT
 ∞ MILITARY AIRCRAFT
 P-1127 AIRCRAFT

HARRIER AIRCRAFT-(CONT)

SAAB 37 AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VULCAN AIRCRAFT

HARTMANN FLOW

GS FLUID FLOW
 LAMINAR FLOW
HARTMANN FLOW
 STEADY FLOW
HARTMANN FLOW
 RT COUETTE FLOW
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMICS
 TWO DIMENSIONAL FLOW

HARTMANN NUMBER

GS RATIOS
 DIMENSIONLESS NUMBERS
HARTMANN NUMBER
 RT MAGNETOHYDRODYNAMICS
 VISCOUS DRAG

HARTREE APPROXIMATION

UF HARTREE-APPLETON APPROXIMATION
 HARTREE-FOCK APPROXIMATION
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
HARTREE APPROXIMATION
 RT ATOMIC STRUCTURE
 MANY BODY PROBLEM
 PERTURBATION THEORY
 SELF CONSISTENT FIELDS
 WAVE FUNCTIONS

HARTREE-APPLETON APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK-SLATER METHOD

RT ATOMIC PHYSICS
 ELECTRON ENERGY
 ∞ METHODOLOGY
 SLATER ORBITALS

HARVARD RADIO METEOR PROJECT

GS PROGRAMS
 PROJECTS
HARVARD RADIO METEOR PROJECT
 RT RADIO ECHOES

HASTELLOY (TRADEMARK)

GS ALLOYS
 NICKEL ALLOYS
HASTELLOY (TRADEMARK)
 RT IRON ALLOYS
 MOLYBDENUM ALLOYS

HATCHES

RT AIR LOCKS
 DOORS
 EGRESS
 GATES (OPENINGS)
 INGRESS (SPACECRAFT PASSAGEWAY)

HAULING

RT CARGO
 DELIVERY
 MATERIALS HANDLING
 PACKAGING
 TRANSPORTATION
 TRANSPORTATION ENERGY
 TRUCKS

HAWAII

GS LANDFORMS
 ISLANDS
 HAWAII
 NATIONS
 UNITED STATES
 HAWAII

HAWK MISSILE

GS MISSILES
 SURFACE TO AIR MISSILES
HAWK MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

HAWKER HUNTER AIRCRAFT

USE F-2 AIRCRAFT

HAWKER P-1052 AIRCRAFT

USE P-1052 AIRCRAFT

HAWKER P-1127 AIRCRAFT

USE P-1127 AIRCRAFT

HAWKER P-1154 AIRCRAFT

USE P-1154 AIRCRAFT

HAWKER SIDDELEY AIRCRAFT

GS **HAWKER SIDDELEY AIRCRAFT**
 ARGOSY MK-1 AIRCRAFT
 AVRO 707 AIRCRAFT
 BUCCANEER AIRCRAFT
 COMET 4 AIRCRAFT
 DH 112 AIRCRAFT
 DH 115 AIRCRAFT
 DH 121 AIRCRAFT
 DH 125 AIRCRAFT
 F-2 AIRCRAFT
 GA-5 AIRCRAFT
 HARRIER AIRCRAFT
 HS-748 AIRCRAFT
 HS-801 AIRCRAFT
 P-1052 AIRCRAFT
 P-1127 AIRCRAFT
 P-1154 AIRCRAFT
 SHACKLETON BOMBER
 VAMPIRE MK 35 AIRCRAFT
 VULCAN AIRCRAFT
 RT ∞ AIRCRAFT

HAWKEYE AIRCRAFT

USE E-2 AIRCRAFT

HAWKEYE SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
HAWKEYE SATELLITES

HAWKEYE 1 SATELLITE

USE EXPLORER 52 SATELLITE

HAY

GS FARM CROPS
HAY
 PLANTS (BOTANY)
 GRASSES
HAY
 RT AGRICULTURE
 BOTANY
 EARTH RESOURCES
 FARMLANDS
 ∞ FOOD
 GRASSLANDS
 LEGUMINOUS PLANTS

HAYNES STELLITE

USE STELLITE (TRADEMARK)

HAZARDOUS MATERIAL DISPOSAL (IN SPACE)

GS DISPOSAL
 WASTE DISPOSAL
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
 RT AEROSPACE ENVIRONMENTS
 PUBLIC HEALTH
 RADIOACTIVE WASTES
 TOXICITY AND SAFETY HAZARD

HAZARDS

UF DANGER
 NOISE HAZARDS
 GS **HAZARDS**
 AIRCRAFT HAZARDS
 FLIGHT HAZARDS
 METEOROID HAZARDS
 OPERATIONAL HAZARDS
 RADIATION HAZARDS
 TOXIC HAZARDS
 RT ACCIDENT PREVENTION
 ACCIDENTS
 AIRCRAFT SPIN
 AVOIDANCE
 CRASH INJURIES
 ∞ DETECTORS
 EXPLOSIONS
 FIRES
 FLAMMABLE GASES
 INCOMPATIBILITY
 INJURIES
 LOW VISIBILITY
 NOISE TOLERANCE

HAZE

HAZARDS-(CONT)

PROTECTION
RISK
SABOTAGE
SAFETY
SAFETY DEVICES
SAFETY FACTORS
SAFETY MANAGEMENT
SPONTANEOUS COMBUSTION
TOXICOLOGY
WARNING SYSTEMS

HAZE

RT AIR POLLUTION
ATMOSPHERIC OPTICS
CLARITY
FOG
HALOS
LIGHT TRANSMISSION
LOW VISIBILITY
MIST
OPACITY
OPTICAL PROPERTIES
TRANSPARENCY
TURBIDITY
VISIBILITY

HAZE DETECTION

GS DETECTION
HAZE DETECTION
RT FOG
FOREST FIRE DETECTION
FUMES
GAS DETECTORS
MIST
REMOTE SENSORS
SMOKE
VAPORS

HBNO

USE NITROGUANIDINE

HBWR REACTOR

USE HALDEN BOILING WATER REACTOR

HC-1 HELICOPTER

USE CH-47 HELICOPTER

HC-3 HELICOPTER

UF OMNIPOL HC-3 HELICOPTER
GS GENERAL AVIATION AIRCRAFT
HC-3 HELICOPTER
TRANSPORT AIRCRAFT
HC-3 HELICOPTER
UTILITY AIRCRAFT
HC-3 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
HC-3 HELICOPTER
RT PASSENGER AIRCRAFT

HCL ARGON LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
HCL LASERS
HCL ARGON LASERS

HCL LASERS

GS STIMULATED EMISSION DEVICES
LASERS
CHEMICAL LASERS
HCL LASERS
GAS LASERS
HCL LASERS
HCL ARGON LASERS

HCMM

USE HEAT CAPACITY MAPPING MISSION

HCN LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
HCN LASERS
RT CHEMICAL LASERS
COHERENT LIGHT
HYDROCYANIC ACID
LIGHT AMPLIFIERS
LIGHT SOURCES
OPTICAL PUMPING
STIMULATED EMISSION

HD-1 GROUND EFFECT MACHINES

USE HOVERCRAFT GROUND EFFECT
MACHINES

HEAD (ANATOMY)

GS ANATOMY
HEAD (ANATOMY)
OCCIPITAL LOBES
SKULL
CRANIUM
INTRACRANIAL CAVITY
RT BRAIN
EYE (ANATOMY)
FACE (ANATOMY)
FOREHEAD
LIPS (ANATOMY)
NOSE (ANATOMY)
SENSE ORGANS

HEAD (FLUID MECHANICS)

GS FLUID FLOW
HEAD (FLUID MECHANICS)
HEAD FLOW
PRESSURE HEADS
RT ELEVATION
FLUID FLOW
GEOPOTENTIAL HEIGHT
HYDROSTATIC PRESSURE
HYDROSTATICS
LIQUID FLOW
PRESSURE
SCALE HEIGHT

HEAD (PRESSURE)

USE PRESSURE HEADS

HEAD FLOW

GS FLUID FLOW
HEAD (FLUID MECHANICS)
HEAD FLOW
RT BASE FLOW
BLASIS FLOW
INLET FLOW
LIQUID FLOW
∞ PRESSURE DROP

HEAD MOVEMENT

RT ∞ MOTION

HEAD-UP DISPLAYS

GS DISPLAY DEVICES
HEAD-UP DISPLAYS
RT AVIONICS
CONSOLES
FLIGHT INSTRUMENTS
IMAGE TUBES
INDICATING INSTRUMENTS
LANDING AIDS
NAVIGATION AIDS
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
WARNING SYSTEMS

HEADACHE

UF CEPHALAGIA
GS DISEASES
HEADACHE
SIGNS AND SYMPTOMS
HEADACHE

∞ HEADERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BEAMS (SUPPORTS)
CHASSIS
HERMETIC SEALS
PIPES (TUBES)
SUPPORTS
∞ TERMINALS

HEADSETS

USE EARPHONES

HEALING

GS HEALING
WOUND HEALING
RT CLINICAL MEDICINE
CURES
THERAPY

HEALTH

GS HEALTH
HEALTH PHYSICS

NASA THESAURUS (VOLUME 1)

HEALTH-(CONT)

PUBLIC HEALTH
MENTAL HEALTH
RT CHRONIC CONDITIONS
CLINICAL MEDICINE
HYGIENE
ORAL HYGIENE
PSYCHOTHERAPY
SANITATION

HEALTH PHYSICS

GS BIOPHYSICS
HEALTH PHYSICS
PUBLIC HEALTH
HEALTH
HEALTH PHYSICS
PUBLIC HEALTH
RT FLUENCE
INDUSTRIAL SAFETY
NUCLEAR MEDICINE
NUCLEAR PHYSICS
NUCLEAR RADIATION
∞ PHYSICS
RADIATION DETECTORS
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HAZARDS
RADIATION INJURIES
RADIATION MEASURING INSTRUMENTS
RADIATION PROTECTION
RADIATION SICKNESS
RADIOBIOLOGY
SAFETY FACTORS
∞ SCIENCE

HEALTH PHYSICS RESEARCH REACTOR

UF HPRR
GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
HEALTH PHYSICS RESEARCH
REACTOR
RT ∞ PHYSICS

HEALTH-EDUCATION TELECOMMUNICATIONS EXP

USE HET EXPERIMENT

HEAO

UF HIGH ENERGY ASTRONOMY
OBSERVATORIES
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HEAO
HEAO 1
HEAO 2
HEAO 3
RT OAO

HEAO A

USE HEAO 1

HEAO B

USE HEAO 2

HEAO C

USE HEAO 3

HEAO 1

UF HEAO A
HIGH ENERGY ASTRONOMY
OBSERVATORY A
HIGH ENERGY ASTRONOMY
OBSERVATORY 1
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HEAO
HEAO 1
UNMANNED SPACECRAFT
HEAO 1
RT OAO

HEAO 2

UF EINSTEIN OBSERVATORY
HEAO B
HIGH ENERGY ASTRONOMY
OBSERVATORY B
HIGH ENERGY ASTRONOMY
OBSERVATORY 2
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HEAO

NASA THESAURUS (VOLUME 1)

HEAO 2-(CONT)

HEAO 2
UNMANNED SPACECRAFT
HEAO 2
RT OAO

HEAO 3

UF HEAO C
HIGH ENERGY ASTRONOMY
OBSERVATORY C
HIGH ENERGY ASTRONOMY
OBSERVATORY 3
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HEAO
HEAO 3
UNMANNED SPACECRAFT
HEAO 3
RT OAO

HEARING

GS HEARING
BINAURAL HEARING
RT AUDIOLOGY
AUDIOMETRY
AUDITORY FATIGUE
AUDITORY TASKS
EAR
LOUDNESS
STEREOPHONICS
THRESHOLDS (PERCEPTION)

HEARING LOSS

USE AUDITORY DEFECTS

HEART

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
CARDIAC AURICLES
CARDIAC VENTRICLES
EPICARDIUM
MYOCARDIUM
RT AORTA
ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD
BLOOD PUMPS
CARDIOGRAMS
CARDIOGRAPHY
CARDIOLOGY
CARDIOTACHOMETERS
CIRCULATORY SYSTEM
CORONARY CIRCULATION
DIASTOLE
PHONOCARDIOGRAPHY

HEART DISEASES

GS DISEASES
HEART DISEASES
ANGINA PECTORIS
CORONARY ARTERY DISEASE
RT BRADYCARDIA
CARDIOGRAPHY
CARDIOLOGY
ECHOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
FAT EMBOLISMS
FIBRILLATION
HIS BUNDLE
MYOCARDIAL INFARCTION
PHONOCARDIOGRAPHY

HEART FUNCTION

GS HEART FUNCTION
HEART MINUTE VOLUME
RT ANGINA PECTORIS
CYANOSIS
ECHOCARDIOGRAPHY
HIS BUNDLE

HEART IMPLANTATION

GS IMPLANTATION
HEART IMPLANTATION
RT ARTIFICIAL HEART VALVES
BIOTECHNOLOGY
BLOOD CIRCULATION
CIRCULATION
PULMONARY CIRCULATION
SURGERY
TRANSPLANTATION

HEART MINUTE VOLUME

GS HEART FUNCTION

HEART MINUTE VOLUME-(CONT)

HEART MINUTE VOLUME
RT SPIROMETERS

HEART RATE

GS RATES (PER TIME)
HEART RATE
ARRHYTHMIA
BRADYCARDIA
SYSTOLE
TACHYCARDIA
RT ANGINA PECTORIS
BIOFEEDBACK
BIOMEDICAL DATA
CARDIOLOGY
DIASTOLE
EPINEPHRINE
HERING-BREVER REFLEX
SPHYGMOGRAPHY

HEART VALVES

GS VALVES
HEART VALVES
RT CORONARY CIRCULATION

HEARTHS

RT FURNACES
REFRACTORIES

HEAT

GS HEAT
DRY HEAT
HEAT OF DISSOCIATION
NUCLEAR HEAT
PROCESS HEAT
RT ACTIVATION ENERGY
ENERGY
ENTHALPY
ENTROPY
HEAT OF FUSION
HEATING
HEATING EQUIPMENT
INFRARED RADIATION
TEMPERATURE
THERMAL ENERGY
THERMAL INSULATION
THERMAL RADIATION
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
WORK

HEAT ACCLIMATIZATION

GS ADAPTATION
ACCLIMATIZATION
HEAT ACCLIMATIZATION
RT BODY TEMPERATURE
COLD ACCLIMATIZATION
HIGH TEMPERATURE ENVIRONMENTS
HUMAN TOLERANCES
PERSPIRATION
PHYSIOLOGICAL EFFECTS

HEAT BALANCE

RT ATMOSPHERIC HEAT BUDGET
BALANCE
BOILERS
COMBUSTION
MATERIAL BALANCE
PYROMETALLURGY
THERMOCHEMICAL PROPERTIES
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES

HEAT BUDGET

GS ENERGY BUDGETS
HEAT BUDGET
ATMOSPHERIC HEAT BUDGET
RT BUDGETS
SPECIFIC HEAT

HEAT CAPACITY

USE SPECIFIC HEAT

HEAT CAPACITY MAPPING MISSION

UF HCMM
RT APPLICATIONS EXPLORER SATELLITES
GEOGRAPHY
MAPPING
MISSIONS
PLANETARY MAPPING
THERMAL MAPPING

HEAT OF COMBUSTION

HEAT CONDUCTION

USE CONDUCTIVE HEAT TRANSFER

HEAT CONTENT

USE ENTHALPY

HEAT DISSIPATION

USE COOLING

HEAT DISSIPATION CHILLING

USE COOLING

HEAT EFFECTS

USE TEMPERATURE EFFECTS

HEAT EQUATIONS

USE THERMODYNAMICS

HEAT EXCHANGERS

GS HEAT EXCHANGERS
TUBE HEAT EXCHANGERS
RT CONDENSERS (LIQUEFIERS)
COOLANTS
COOLING
COOLING FINS
COOLING SYSTEMS
COUNTERFLOW
EVAPORATORS
EXCHANGERS
FINNED BODIES
GAS COOLING
GEOTHERMAL ENERGY EXTRACTION
HEATING
HEATING EQUIPMENT
REGENERATIVE COOLING
REGENERATORS
SNAP
SNAP 1
SNAP 2
SNAP 8
SNAP 10A
SPACE COOLING (BUILDINGS)
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
WASTE HEAT
WATER HEATING

HEAT FLOW

USE HEAT TRANSMISSION

HEAT FLUX

SN (HEAT ENERGY TRANSMISSION RATE)
GS RATES (PER TIME)
FLUX (RATE)
HEAT FLUX
RT FLUX DENSITY
SOLAR FLUX

HEAT GAIN

USE HEATING

HEAT GENERATION

SN (EXCLUDES BIOLOGICAL PRODUCTION
OF HEAT)
RT COGENERATION
COMBUSTION
DIRECT POWER GENERATORS
GENERATION
HEATING
HEATING EQUIPMENT
PROCESS HEAT
SOLID PROPELLANT COMBUSTION

HEAT ISLANDS

RT CITIES
CLIMATOLOGY
URBAN PLANNING
WEATHER MODIFICATION

HEAT MEASUREMENT

UF CALORIMETRY
RT BOLOMETERS
BOMB CALORIMETERS
CALORIMETERS
DROP CALORIMETERS
ENTHALPY
FLAME CALORIMETERS
MEASUREMENT
SHELL ANODES

HEAT OF COMBUSTION

UF COMBUSTION HEAT
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES

HEAT OF DISSOCIATION

HEAT OF COMBUSTION-(CONT)

HEAT OF COMBUSTION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
RT COMBUSTION PHYSICS
GUNS (ORDNANCE)

HEAT OF DISSOCIATION

GS HEAT
HEAT OF DISSOCIATION
RT CHEMICAL EQUILIBRIUM
DISSOCIATION
∞EQUILIBRIUM
REACTION KINETICS
THERMAL DISSOCIATION
THERMOCHEMISTRY
THERMODYNAMIC EQUILIBRIUM

HEAT OF FORMATION

UF FORMATION HEAT
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF FORMATION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF FORMATION

HEAT OF FUSION

UF LATENT HEAT OF FUSION
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF FUSION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF FUSION
THERMOPHYSICAL PROPERTIES
HEAT OF FUSION
RT ENTHALPY
FUSION (MELTING)
HEAT
MELTING
PHASE CHANGE MATERIALS
PHASE DIAGRAMS
PHASE TRANSFORMATIONS
SPECIFIC HEAT
THERMAL ENERGY
THERMOCHEMISTRY
THERMODYNAMICS
TRANSITION TEMPERATURE

HEAT OF SOLUTION

GS CHEMICAL PROPERTIES
HEAT OF SOLUTION
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
SPECIFIC HEAT
HEAT OF SOLUTION
RT MOLECULAR ENERGY LEVELS
THERMAL ENERGY
THERMOCHEMISTRY
THERMODYNAMICS

HEAT OF VAPORIZATION

UF VAPORIZATION HEAT
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF VAPORIZATION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF VAPORIZATION
RT VAPORIZING

HEAT PIPES

SN (EXCLUDES PIPES AND TUBES USED
FOR THE TRANSMISSION OF HEATED
LIQUIDS OR GASES)
RT GEOTHERMAL ENERGY UTILIZATION
SPACECRAFT TEMPERATURE

HEAT PUMPS

RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
GEOTHERMAL ENERGY EXTRACTION
HEATING EQUIPMENT
PUMPS
REFRIGERATING MACHINERY
RESIDENTIAL ENERGY
SPACE COOLING (BUILDINGS)
THERMOELECTRIC COOLING
WASTE HEAT

HEAT RADIATORS

UF CONDENSER RADIATORS
HEAT REJECTION DEVICES
GS HEAT RADIATORS
SPACECRAFT RADIATORS
RT BLACK BODY RADIATION
COOLING
COOLING FINS
COOLING SYSTEMS
HEATING EQUIPMENT
∞INSULATED STRUCTURES
RADIATIVE HEAT TRANSFER
∞RADIATORS
STEFAN-BOLTZMANN LAW

HEAT REGULATION

USE TEMPERATURE CONTROL

HEAT REJECTION DEVICES

USE HEAT RADIATORS

HEAT RESISTANCE

USE THERMAL RESISTANCE

HEAT RESISTANT ALLOYS

UF HIGH TEMPERATURE ALLOYS
SUPERALLOYS
GS ALLOYS
HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
UDIMET ALLOYS
WASPALLOY
RT CERMETS
CHROMIUM ALLOYS
COBALT ALLOYS
NICKEL ALLOYS
REFRACTORY METALS
SULFIDATION
SUPERPLASTICITY

HEAT SHIELDING

UF THERMAL SHIELDING
GS SHIELDING
HEAT SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
RT ABLATION
ABLATIVE MATERIALS
ABLATIVE NOSE CONES
COOLING
INFRARED SUPPRESSION
∞INSULATED STRUCTURES
LUDOX (TRADEMARK)
PYROLYTIC GRAPHITE
SOLAR REFLECTORS
SPACECRAFT SHIELDING
TEMPERATURE
TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THERMAL INSULATION
THERMAL PROTECTION

HEAT SINKS

GS SINKS
HEAT SINKS
RT ABLATIVE MATERIALS
ABSORBERS (MATERIALS)
COOLING SYSTEMS
ENDOTHERMIC REACTIONS
ENERGY ABSORPTION
REENTRY SHIELDING
REGENERATORS
THERMAL ABSORPTION
THERMAL INSULATION

HEAT SOURCES

UF HYDRAULIC HEATING SOURCES
GS HEAT SOURCES
THERMAL RESOURCES
GEOTHERMAL RESOURCES
GEYSERS
RT ∞ENERGY SOURCES
ENERGY STORAGE
ENGINES
GEOTHERMAL TECHNOLOGY

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HEAT SOURCES-(CONT)

LASER HEATING
LIGHT SOURCES
∞POWER SUPPLIES
RADIATION SOURCES
THERMODYNAMIC EFFICIENCY

HEAT STORAGE

UF THERMAL ENERGY STORAGE
GS ENERGY STORAGE
HEAT STORAGE
RT GEOTHERMAL ENERGY UTILIZATION
HEAT TAPES
PHASE CHANGE MATERIALS
SOLAR HOUSES
TEMPERATURE
TROMBE WALLS

HEAT STROKE

RT BODY TEMPERATURE
HEAT TOLERANCE
HOT WEATHER
HYPERTHERMIA
PHYSIOLOGICAL EFFECTS
THERMAL COMFORT
THERMAL ENVIRONMENTS

HEAT TAPES

RT HEAT STORAGE
ICE PREVENTION
∞TAPES

HEAT TESTS

USE HIGH TEMPERATURE TESTS

HEAT TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
HEAT TOLERANCE
RT BODY TEMPERATURE
COLD TOLERANCE
HEAT STROKE
HUMAN TOLERANCES

HEAT TRANSFER

SN (TRANSMISSION ACROSS AN
INTERFACE)
UF NONADIABATIC PROCESSES
GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
RADIATIVE HEAT TRANSFER
TURBULENT HEAT TRANSFER
RT ADVECTION
ATMOSPHERIC HEAT BUDGET
BATHS
BIOT NUMBER
BOILING
BOUSSINESQ APPROXIMATION
CHEMICAL ENGINEERING
COMPRESSIBILITY EFFECTS
∞CONDUCTION
COOLING
COUNTERFLOW
CRYOGENIC COOLING
DIFFUSE RADIATION
DIMENSIONLESS NUMBERS
ENERGY TRANSFER
FILM BOILING
FILM CONDENSATION
FLAT PLATES
FLUID BOUNDARIES
FORCED CONVECTION
GAS TRANSPORT
GAS-LIQUID INTERACTIONS
GAS-SOLID INTERFACES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL TECHNOLOGY
HEATING
HOT SURFACES
LEIDENFROST PHENOMENON
LEWIS NUMBERS
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
MASS TRANSFER
MECHANICAL ENGINEERING
METAL VAPORS
NONADIABATIC CONDITIONS
NONGRAY GAS

HEAT TRANSFER-(CONT)

NONISOTHERMAL PROCESSES
NUCLEATE BOILING
NUSSELT NUMBER
PECLET NUMBER
PHASE CHANGE MATERIALS
PRANDTL NUMBER
RADIATIVE TRANSFER
RAYLEIGH EQUATIONS
REUSABLE HEAT SHIELDING
STANTON NUMBER
TEMPERATURE PROFILES
TEMPERATURE RATIO
THERMAL DIFFUSION
THERMAL EXPANSION
THERMAL INSULATION
THERMAL POLLUTION
THERMODYNAMICS
THERMOMIGRATION
TRANSFERRING
TRANSPORT PROPERTIES
WASTE ENERGY UTILIZATION

HEAT TRANSFER COEFFICIENTS

SN (HEAT FLUX PER UNIT AREA PER UNIT
TEMPERATURE DIFFERENCE)
GS COEFFICIENTS
RT **HEAT TRANSFER COEFFICIENTS**
ACCOMMODATION COEFFICIENT
EVAPORATION RATE
HEATING
MASS FLOW FACTORS
NUCLEATE BOILING

HEAT TRANSMISSION

UF HEAT FLOW
GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
RADIATIVE HEAT TRANSFER
TURBULENT HEAT TRANSFER
RT ADIABATIC EQUATIONS
ANNULAR FLOW
CONVECTION
CONVECTIVE FLOW
DUCTED FLOW
EQUILIBRIUM FLOW
∞ FLOW
FLUID FLOW
GEOPHYSICS
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL RESOURCES
MASS FLOW FACTORS
NONEQUILIBRIUM FLOW
POTENTIAL FLOW
RADIAL FLOW
RADIATIVE TRANSFER
STEADY FLOW
THERMAL ANALYSIS
THERMAL INSULATION
THERMOHYDRAULICS
UNIFORM FLOW
UNSTEADY FLOW
WALL FLOW

HEAT TREATMENT

GS **HEAT TREATMENT**
ANNEALING
LASER ANNEALING
PULSE HEATING
MARAGING
NITRIDING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING
TEMPERING
RT AGING (METALLURGY)
ALLOYS
BAKING
CRITICAL TEMPERATURE
FERRITIC STAINLESS STEELS
FORGING
FURNACES
GRAPHITIZATION
HARDENERS
HARDENING (MATERIALS)
HEATING
MARTENSITE
∞ METALLURGY

HEAT TREATMENT-(CONT)

MICROSTRUCTURE
NUCLEATION
PHASE DIAGRAMS
PRECIPITATION HARDENING
QUENCHING (COOLING)
RECRYSTALLIZATION
SALT BATHS
∞ SOAKING
STABILIZATION
SUPERCOOLING
SUPERSATURATION
TEMPER (METALLURGY)
TEMPERATURE DISTRIBUTION
THERMOCHEMISTRY
THERMOMECHANICAL TREATMENT
∞ TREATMENT

∞ HEATERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE
TERMS LISTED BELOW)
RT DEICERS
DEICING
ELECTRON TUBES
HEATING EQUIPMENT
VAPORIZERS
WATER HEATING

HEATING

UF HEAT GAIN
PREHEATING
REHEATING
WARMING
GS **HEATING**
AERODYNAMIC HEATING
SHOCK HEATING
ARC HEATING
ATMOSPHERIC HEATING
BAKING
BASE HEATING
GAS HEATING
INDUCTION HEATING
IONOSPHERIC HEATING
KINETIC HEATING
SHOCK HEATING
LASER HEATING
MAGNETOHYDRODYNAMIC SHEAR
HEATING
PASTEURIZING
PLASMA HEATING
ELECTRON CYCLOTRON HEATING
RADIANT HEATING
RADIO FREQUENCY HEATING
RESISTANCE HEATING
SOLAR HEATING
SPACE HEATING (BUILDINGS)
SUPERHEATING
TRANSIENT HEATING
PULSE HEATING
SHOCK HEATING
WATER HEATING
RT AIR CONDITIONING
ANNEALING
AUTOCLAVING
BOILING
CEMENTATION
∞ CONDUCTION
CONVECTION
COOLING
DECARBURIZATION
DEFROSTING
ENVIRONMENTAL ENGINEERING
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL ENERGY UTILIZATION
HEAT EXCHANGERS
HEAT GENERATION
HEAT TRANSFER
HEAT TRANSFER COEFFICIENTS
HEAT TREATMENT
HEATING EQUIPMENT
HILSCH TUBES
HYDROTHERMAL SYSTEMS
ICE PREVENTION
INTEGRATED ENERGY SYSTEMS
JACKETS
LASER ANNEALING
LASER WELDING
MELTING
MODULAR INTEGRATED UTILITY SYSTEM
∞ RADIATION
ROASTING
SINTERING
∞ SOAKING
TEMPERATURE

HEATING-(CONT)

TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMAL CYCLING TESTS
THERMAL SHOCK
THERMAL STRESSES
VAPORIZING
WASTE ENERGY UTILIZATION

HEATING EQUIPMENT

UF GERDIEN ARC HEATERS
PREHEATERS
GS **HEATING EQUIPMENT**
BOILERS
FURNACES
ELECTRIC FURNACES
IMAGE FURNACES
SOLAR FURNACES
VACUUM FURNACES
OVENS
VAPORIZERS
EVAPORATORS
RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
CRUCIBLES
DEICERS
DEICING
∞ ELECTRIC EQUIPMENT
∞ EQUIPMENT
FUEL TANKS
HEAT EXCHANGERS
HEAT GENERATION
HEAT PUMPS
HEAT RADIATORS
∞ HEATERS
HEATING
ONBOARD EQUIPMENT
SPACE HEATING (BUILDINGS)
TEMPERATURE CONTROL
THERMAL INSULATION
WATER HEATING

HEAVING

RT BENDING
∞ BOWS
BUCKLING
DISPLACEMENT
DISTORTION
FLEXING
∞ MOTION
PITCH (INCLINATION)
WARPAGE

HEAVY COSMIC RAY PRIMARIES

USE HEAVY NUCLEI
PRIMARY COSMIC RAYS

HEAVY ELEMENTS

GS **HEAVY ELEMENTS**
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
RT CHEMICAL ELEMENTS
∞ ELEMENTS

HEAVY IONS

GS IONS
HEAVY IONS
RT ION STRIPPING
ISOTOPE SEPARATION

HEAVY LIFT AIRSHIPS

HEAVY IONS-(CONT)

ISOTOPES
LIGHT IONS

HEAVY LIFT AIRSHIPS

GS AIRSHIPS
RT HEAVY LIFT AIRSHIPS
MATERIALS HANDLING
ROTORS

HEAVY LIFT HELICOPTERS

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
RT AIR CARGO
∞ AIRCRAFT
CARGO AIRCRAFT
HELICOPTER DESIGN

HEAVY LIFT LAUNCH VEHICLES

UF HLLV
GS LAUNCH VEHICLES
HEAVY LIFT LAUNCH VEHICLES
RT ROCKET ENGINES
∞ ROCKETS
SPACECRAFT LAUNCHING
∞ VEHICLES

HEAVY NUCLEI

UF HEAVY COSMIC RAY PRIMARIES
GS GASES
IONIZED GASES
CHARGED PARTICLES
NUCLEI (NUCLEAR PHYSICS)
HEAVY NUCLEI
RT PRIMARY COSMIC RAYS

HEAVY WATER

UF DEUTERIUM OXIDES
HYDROGEN DEUTERIUM OXIDE
GS CHALCOGENIDES
OXIDES
HEAVY WATER
HYDROGEN COMPOUNDS
DEUTERIUM COMPOUNDS
HEAVY WATER
WATER
RT HEAVY WATER
DEUTERIUM
MODERATORS
TRITIUM

HEAVY WATER COMPONENTS TEST REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS
TEST REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
HEAVY WATER COMPONENTS TEST
REACTORS
WATER MODERATED REACTORS
HEAVY WATER COMPONENTS TEST
REACTORS

HEAVY WATER REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS
TEST REACTORS
PLUTONIUM RECYCLE TEST
REACTOR
ZERO POWER REACTOR 2
RT LIGHT WATER BREEDER REACTORS

HEF (HIGH ENERGY FUELS)

USE HIGH ENERGY FUELS

HEIGHT

GS DIMENSIONS
HEIGHT
SCALE HEIGHT
RT ALTITUDE
DEPTH
DISTANCE
GEOPOTENTIAL
∞ LEVEL

HEIGHT-(CONT)

SLOPES

HEINKEL AIRCRAFT

RT ∞ AIRCRAFT

HEISENBERG THEORY

GS ATOMIC THEORY
HEISENBERG THEORY
RT ATOMIC EXCITATIONS
DYSON THEORY
ENERGY TRANSFER
∞ THEORIES

HELICAL ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
HELICAL ANTENNAS
RT ANTENNA DESIGN
MICROWAVE ANTENNAS

HELICAL FLOW

GS FLUID FLOW
HELICAL FLOW
RT AXISYMMETRIC FLOW
FLOW GEOMETRY
MAGNETOHYDRODYNAMIC STABILITY
THREE DIMENSIONAL FLOW

HELICAL INDUCERS

GS INTAKE SYSTEMS
HELICAL INDUCERS
RT FIELD COILS
PLASMA CONTROL

HELICAL WINDINGS

GS WINDING
HELICAL WINDINGS

HELICOPTER ATTITUDE INDICATORS

USE ATTITUDE INDICATORS
HELICOPTERS

HELICOPTER CONTROL

GS AIRCRAFT CONTROL
HELICOPTER CONTROL
RT AIRBORNE RADAR APPROACH
ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
CONTROLLABILITY
DIRECTIONAL CONTROL
FLIGHT CONTROL
HARMONIC CONTROL
LATERAL CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
SPEED CONTROL
TAIL ROTORS

HELICOPTER DESIGN

GS AIRCRAFT DESIGN
HELICOPTER DESIGN
RT COMPOUND HELICOPTERS
COMPUTER AIDED DESIGN
∞ DESIGN
ENGINE DESIGN
HEAVY LIFT HELICOPTERS
PRODUCT DEVELOPMENT
ROTOR BODY INTERACTIONS
STREAMLINING
STRUCTURAL DESIGN
UH-60A HELICOPTER
UH-61A HELICOPTER
WHIRL TOWERS

HELICOPTER ENGINES

GS AIRCRAFT ENGINES
HELICOPTER ENGINES
ENGINES
INTERNAL COMBUSTION ENGINES
HELICOPTER ENGINES
RT JET ENGINES
T-53 ENGINE
T-55 ENGINE
T-58 ENGINE
T-58-GE-8B ENGINE
T-63 ENGINE
T-64 ENGINE
T-74 ENGINE
T-76 ENGINE

HELICOPTER PERFORMANCE

GS AIRCRAFT PERFORMANCE

NASA THESAURUS (VOLUME 1)

HELICOPTER PERFORMANCE-(CONT)

RT HELICOPTER PERFORMANCE
AERODYNAMIC STABILITY
AIRCRAFT RELIABILITY
CONTROLLABILITY
FLIGHT CHARACTERISTICS
MANEUVERABILITY

HELICOPTER PROPELLER DRIVE

GS MECHANICAL DRIVES
HELICOPTER PROPELLER DRIVE
RT JET PROPULSION
ROTARY WINGS
TILTED PROPELLERS
VARIABLE PITCH PROPELLERS

HELICOPTER ROTORS

USE ROTARY WINGS

HELICOPTER TAIL ROTORS

GS ROTATING BODIES
ROTORS
TAIL ROTORS
HELICOPTER TAIL ROTORS
RT ROTARY WINGS
∞ ROTOR BLADES

HELICOPTER WAKES

GS WAKES
AIRCRAFT WAKES
HELICOPTER WAKES
RT DOWNWASH

HELICOPTERS

UF DRONE HELICOPTERS
GYROPLANES
HELICOPTER ATTITUDE INDICATORS
GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
SE-3160 HELICOPTER
BELL 214A HELICOPTER
BO-105 HELICOPTER
CH-21 HELICOPTER
COMPOUND HELICOPTERS
H-17 HELICOPTER
H-54 HELICOPTER
HC-3 HELICOPTER
MILITARY HELICOPTERS
AH 1G HELICOPTER
AH-64 HELICOPTER
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-54 HELICOPTER
H-43 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
HH-43 HELICOPTER
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
OH-58 HELICOPTER
QH-50 HELICOPTER
S-58 HELICOPTER
S-61 HELICOPTER
SA-330 HELICOPTER
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
P-531 HELICOPTER
RIGID ROTOR HELICOPTERS
CH-3 HELICOPTER
F-28 HELICOPTER
XH-51 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
SIKORSKY WHIRLWIND HELICOPTER
TANDEM ROTOR HELICOPTERS
CH-46 HELICOPTER
CH-47 HELICOPTER
H-25 HELICOPTER
TH-55 HELICOPTER
WESTLAND WHIRLWIND
HELICOPTER

HELICOPTERS-(CONT)

RT XV-9A AIRCRAFT
 AIRBORNE RADAR APPROACH
 ∞ AIRCRAFT
 AIRCRAFT SURVIVABILITY
 BLADE SLAP NOISE
 GENERAL AVIATION AIRCRAFT
 GROUND RESONANCE
 HELIPORTS
 ∞ MILITARY AIRCRAFT
 NAP-OF-THE-EARTH NAVIGATION
 RECOVERY VEHICLES
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TILT ROTOR AIRCRAFT
 TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM
 UTILITY AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT
 XV-15 AIRCRAFT

HELIO AIRCRAFT

UF HELIO MILITARY AIRCRAFT
 GS HELIO AIRCRAFT
 U-10 AIRCRAFT
 RT ∞ AIRCRAFT

HELIO MILITARY AIRCRAFT

USE HELIO AIRCRAFT

HELIOCENTRIC ORBITS

USE SOLAR ORBITS

HELIOGRAPHS

USE SPECTROHELIOGRAPHS

HELIOGRAPHY

USE SPECTROHELIOGRAPHS

HELIOMAGNETISM

USE SOLAR MAGNETIC FIELD

HELIOMETERS

UF HELIOMETRY
 GS MEASURING INSTRUMENTS
 HELIOMETERS
 PYROHELIOMETERS
 OPTICAL EQUIPMENT
 ASTRONOMICAL TELESCOPES
 HELIOMETERS
 PYROHELIOMETERS
 TELESCOPES
 ASTRONOMICAL TELESCOPES
 HELIOMETERS
 PYROHELIOMETERS

HELIOMETRY

USE HELIOMETERS
 PYROHELIOMETERS

HELIOS A

GS SATELLITES
 ARTIFICIAL SATELLITES
 HELIOS SATELLITES
 HELIOS A
 UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
 HELIOS A

HELIOS B

GS SATELLITES
 ARTIFICIAL SATELLITES
 HELIOS SATELLITES
 HELIOS B
 UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
 HELIOS B

HELIOS PROJECT

GS PROGRAMS
 NASA PROGRAMS
 HELIOS PROJECT
 NASA SPACE PROGRAMS
 HELIOS PROJECT
 PROJECTS
 HELIOS PROJECT
 RT CHARGED PARTICLES
 HIGH TEMPERATURE PLASMAS
 SOLAR PROBES

HELIOS PROJECT-(CONT)
ZODIACAL LIGHT**HELIOS SATELLITES**

GS SATELLITES
 ARTIFICIAL SATELLITES
 HELIOS SATELLITES
 HELIOS A
 HELIOS B
 HELIOS 1
 HELIOS 2
 RT MAGNETIC FIELDS
 PARTICLE FLUX DENSITY
 SOLAR FLUX DENSITY

HELIOS 1

GS SATELLITES
 ARTIFICIAL SATELLITES
 HELIOS SATELLITES
 HELIOS 1
 UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
 HELIOS 1

HELIOS 2

GS SATELLITES
 ARTIFICIAL SATELLITES
 HELIOS SATELLITES
 HELIOS 2
 UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
 HELIOS 2

HELIOSEISMOLOGY

UF SOLAR DYNAMICS
 SOLAR SEISMOLOGY
 GS SEISMOLOGY
 HELIOSEISMOLOGY
 RT ASTROPHYSICS
 ∞ SCIENCE
 SOLAR PHYSICS

HELIOSPHERE

RT COSMIC RAYS
 INTERPLANETARY SPACE
 INTERSTELLAR GAS
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

HELIOSTATS

RT ∞ INSTRUMENTS
 MIRRORS
 REFLECTORS
 SERVOMOTORS
 SOLAR REFLECTORS
 SYNCHRONIZERS

HELIOPORTS

GS AIRPORTS
 HELIOPORTS
 RT AIR TRAFFIC CONTROL
 AIRPORT PLANNING
 AIRPORT TOWERS
 HANGARS
 HELICOPTERS
 LANDING AIDS
 LANDING SITES
 MILITARY AIR FACILITIES
 NAVIGATION AIDS
 SOLAR COMPASSES
 V/STOL AIRCRAFT

HELITRONS

GS ELECTRON TUBES
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
 MICROWAVE TUBES
 PLANOTRONS
 HELITRONS
 TRAVELING WAVE TUBES
 HELITRONS
 MICROWAVE EQUIPMENT
 MICROWAVE TUBES
 PLANOTRONS
 HELITRONS
 TRAVELING WAVE TUBES
 HELITRONS
 OSCILLATORS
 VACUUM TUBE OSCILLATORS
 MICROWAVE TUBES
 PLANOTRONS
 HELITRONS
 RT CARCINOTRONS

HELIUM

GS CHEMICAL ELEMENTS
 RARE GASES
 HELIUM
 HELIUM ATOMS
 HELIUM FILM
 HELIUM ISOTOPES
 LIQUID HELIUM
 LIQUID HELIUM 2
 GASES
 RARE GASES
 HELIUM
 HELIUM ATOMS
 HELIUM FILM
 HELIUM ISOTOPES
 LIQUID HELIUM
 LIQUID HELIUM 2
 RT ALPHA PARTICLES
 HELIUM AFTERGLOW
 WOLF-RAYET STARS

HELIUM AFTERGLOW

GS AFTERGLOWS
 HELIUM AFTERGLOW
 RT GAS IONIZATION
 PLASMA DECAY

HELIUM ATOMS

GS ATOMS
 HELIUM ATOMS
 CHEMICAL ELEMENTS
 RARE GASES
 HELIUM
 HELIUM ATOMS
 GASES
 RARE GASES
 HELIUM
 HELIUM ATOMS

HELIUM COMPOUNDS

RT ∞ RARE GAS COMPOUNDS

HELIUM FILM

GS CHEMICAL ELEMENTS
 RARE GASES
 HELIUM
 HELIUM FILM
 GASES
 RARE GASES
 HELIUM
 HELIUM FILM
 RT ∞ FILMS

HELIUM HYDROGEN ATMOSPHERES

GS ENVIRONMENTS
 EXTRATERRESTRIAL ENVIRONMENTS
 PLANETARY ENVIRONMENTS
 PLANETARY ATMOSPHERES
 HELIUM HYDROGEN
 ATMOSPHERES

HELIUM IONS

GS IONS
 HELIUM IONS
 RT ALPHA PARTICLES

HELIUM ISOTOPES

UF HELIUM 2
 HELIUM 3
 HELIUM 4
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 HELIUM ISOTOPES
 RARE GASES
 HELIUM
 HELIUM ISOTOPES
 GASES
 RARE GASES
 HELIUM
 HELIUM ISOTOPES

HELIUM PLASMA

GS GASES
 IONIZED GASES
 CHARGED PARTICLES
 HELIUM PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 HELIUM PLASMA
 RT ARGON PLASMA
 ELECTRON PLASMA
 HYDROGEN PLASMA

HELIUM STARS

HELIUM PLASMA-(CONT)
OXYGEN PLASMA

HELIUM STARS
USE B STARS

HELIUM 2
USE HELIUM ISOTOPES
LIQUID HELIUM

HELIUM 3
USE HELIUM ISOTOPES

HELIUM 4
USE HELIUM ISOTOPES

HELIUM-NEON LASERS
GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
HELIUM-NEON LASERS
RT LASER MODES
LASER OUTPUTS

HELIUM-OXYGEN ATMOSPHERES
GS CONTROLLED ATMOSPHERES
HELIUM-OXYGEN ATMOSPHERES
RT AEROSPACE ENVIRONMENTS
 ∞ ATMOSPHERES
 ∞ BREATHING
GAS MIXTURES
PORTABLE LIFE SUPPORT SYSTEMS
UNDERWATER BREATHING APPARATUS

HELIX TUBES
USE TRAVELING WAVE TUBES

HELIXES
USE CURVES (GEOMETRY)

HELLMANN-FEYNMAN THEOREM
GS THEOREMS
HELLMANN-FEYNMAN THEOREM

HELMET MOUNTED DISPLAYS
GS DISPLAY DEVICES
HELMET MOUNTED DISPLAYS
RT CREW STATIONS
 ∞ DETECTORS
IMAGES
INDICATING INSTRUMENTS
 ∞ INSTRUMENTS
MONITORS
PERSONNEL

HELMETS
GS CLOTHING
PROTECTIVE CLOTHING
HELMETS
SAFETY DEVICES
HELMETS
RT ARMOR
FLIGHT CLOTHING
GOGGLES
PRESSURE SUITS

∞ **HELMHOLTZ EQUATIONS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ EQUATIONS
HELMHOLTZ VORTICITY EQUATION
KELVIN-HELMHOLTZ INSTABILITY
TIME DEPENDENCE
WAVE EQUATIONS

HELMHOLTZ RESONATORS
GS RESONATORS
HELMHOLTZ RESONATORS
RT CAVITY RESONATORS
NOISE REDUCTION

HELMHOLTZ VORTICITY EQUATION
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
HELMHOLTZ VORTICITY EQUATION
EQUATIONS OF MOTION
KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
FLOW EQUATIONS

HELMHOLTZ VORTICITY EQUATION-(CONT)

HELMHOLTZ VORTICITY EQUATION
RT ∞ EQUATIONS
 ∞ HELMHOLTZ EQUATIONS
VORTICITY

HELOS (SATELLITE)
USE EXOSAT SATELLITE

HEMATITE
GS CHALCOGENIDES
OXIDES
METAL OXIDES
IRON OXIDES
HEMATITE
IRON COMPOUNDS
IRON OXIDES
HEMATITE
MINERALS
IRON ORES
HEMATITE

HEMATOCRIT
RT BLOOD

HEMATOCRIT RATIO
RT ANEMIAS
ERYTHROCYTES
HEMATOLOGY

HEMATOLOGY
RT CARBOXYHEMOGLOBIN TEST
HEMATOCRIT RATIO
RETICULOCYTES

HEMATOPOIESIS
GS ANATOMY
CARDIOVASCULAR SYSTEM
HEMATOPOIESIS
CELLS (BIOLOGY)
HEMATOPOIESIS
RT BLOOD
PHYSIOLOGICAL EFFECTS
RADIATION EFFECTS

HEMATOPOIETIC SYSTEM
GS ANATOMY
CARDIOVASCULAR SYSTEM
HEMATOPOIETIC SYSTEM
PHYSIOLOGY
HEMATOPOIETIC SYSTEM
RT BLOOD VOLUME
PHYSIOLOGICAL EFFECTS
 ∞ SYSTEMS

HEMATURIA
GS SIGNS AND SYMPTOMS
HEMATURIA
RT URINE

HEMISPHERE CYLINDER BODIES
RT ∞ CYLINDERS
CYLINDRICAL BODIES
HEMISPHERICAL SHELLS
PRESSURE VESSELS

∞ **HEMISPHERES**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AERODYNAMIC CONFIGURATIONS
BODIES OF REVOLUTION
EASTERN HEMISPHERE
HEMISPHERICAL SHELLS
NORTHERN HEMISPHERE
SOUTHERN HEMISPHERE
SPHERES

HEMISPHERICAL SHELLS
GS SHELLS (STRUCTURAL FORMS)
HEMISPHERICAL SHELLS
RT BODIES OF REVOLUTION
CIRCULAR SHELLS
DOMES (STRUCTURAL FORMS)
HEMISPHERE CYLINDER BODIES
 ∞ HEMISPHERES
METAL SHELLS
REINFORCED SHELLS
SPHERES
SPHERICAL SHELLS

HEMOCYTES
GS CELLS (BIOLOGY)
HEMOCYTES

NASA THESAURUS (VOLUME 1)

HEMOCYTES-(CONT)
RT INVERTEBRATES

HEMODYNAMIC RESPONSES
GS PHYSIOLOGICAL EFFECTS
PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES
RESPONSES
PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES
RT BLOOD CIRCULATION
BLOOD PRESSURE

HEMODYNAMICS
GS **HEMODYNAMICS**
LOWER BODY NEGATIVE PRESSURE
RT BLOOD CIRCULATION
BLOOD VOLUME
CARDIOVASCULAR SYSTEM
 ∞ DYNAMICS
HEMOPERFUSION

HEMOGLOBIN
GS CELLS (BIOLOGY)
HEMOGLOBIN
CARBOXYHEMOGLOBIN
OXYHEMOGLOBIN
ORGANOMETALLIC COMPOUNDS
HEMOGLOBIN
CARBOXYHEMOGLOBIN
OXYHEMOGLOBIN
RT ANEMIAS
BLOOD
CORPUSCLES
ERYTHROCYTES
HEMOLYSIS
POLYCYTHEMIA
PORPHINES
PORPHYRINS
RETICULOCYTES

HEMOLYSIS
RT COMPLEMENT (BIOLOGY)
ERYTHROCYTES
HEMOGLOBIN
POLYCYTHEMIA
RETICULOCYTES

HEMOPERFUSION
RT ACTIVATED CARBON
ADSORBENTS
BLOOD FLOW
BLOOD PRESSURE
HEMODYNAMICS
TOXICOLOGY

HEMORRHAGES
GS **HEMORRHAGES**
PETECHIA
RT ∞ BLEEDING
BLOOD
CARDIOVASCULAR SYSTEM
COAGULATION
HEMOSTATICS
HYPOTENSION
INJURIES
PATHOLOGY
* POLYCYTHEMIA
RETICULOCYTES

HEMOSTASIS
USE HEMOSTATICS

HEMOSTATICS
UF HEMOSTASIS
GS DRUGS
HEMOSTATICS
RT BLOOD COAGULATION
FIBRINOGEN
GIBBERELLINS
HEMORRHAGES
THROMBIN
THROMBOPLASTIN

HENRY LAW
RT COMPOSITION (PROPERTY)
PARTIAL PRESSURE
RAOULT LAW
SOLUBILITY
SOLUTIONS
VAPOR PRESSURE

HEOS A SATELLITE
GS SATELLITES

NASA THESAURUS (VOLUME 1)

HEOS A SATELLITE-(CONT)

ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE

HEOS B SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS B SATELLITE

HEOS SATELLITES

UF HIGHLY ECCENTRIC ORBIT SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE
HEOS B SATELLITE
RT EUROPEAN SPACE PROGRAMS
SOLAR ORBITS

HEPARINS

RT ANTICOAGULANTS

HEPATITIS

GS DISEASES
INFECTIOUS DISEASES
HEPATITIS
RT ANATOMY
LIVER

HEPTADIENE

GS ALIPHATIC COMPOUNDS
HEPTADIENE
HYDROCARBONS
DIENES
HEPTADIENE

HEPTANES

GS ALIPHATIC COMPOUNDS
ALKANES
HEPTANES
HYDROCARBONS
ALKANES
HEPTANES
RT HYDROCARBON FUELS

HERBICIDES

RT BRUSH (BOTANY)
DEFOLIANTS
FOLIAGE
FORESTS
LEAVES
PLANTS (BOTANY)
TOXICITY
TREES (PLANTS)

HERBIG-HARO OBJECTS

GS CELESTIAL BODIES
STARS
HERBIG-HARO OBJECTS
RT B STARS
 ∞ BODIES
INFRARED STARS
STELLAR RADIATION
STELLAR SPECTRA
T TAURI STARS

HERCULES AIRCRAFT

USE C-130 AIRCRAFT

HERCULES ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
HERCULES ENGINE
RT HONEST JOHN ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE

HERCULES NOVA

GS CELESTIAL BODIES
STARS
VARIABLE STARS
NOVAE
HERCULES NOVA
RT DWARF NOVAE

HEREDITY

RT BREEDING (REPRODUCTION)
CONGENITAL ANOMALIES

HEREDITY-(CONT)

CYTOGENESIS
EVOLUTION (DEVELOPMENT)

HERING-BREVER REFLEX

GS REFLEXES
RESPIRATORY REFLEXES
HERING-BREVER REFLEX
RT HEART RATE

HERMES MANNED SPACEPLANE

GS MANNED SPACECRAFT
SPACE SHUTTLES
HERMES MANNED SPACEPLANE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
HERMES MANNED SPACEPLANE
RT FRENCH SPACE PROGRAMS
SPACE TRANSPORTATION SYSTEM
SPACECRAFT DESIGN

HERMES SATELLITE

USE COMMUNICATIONS TECHNOLOGY
SATELLITE

HERMETIC SEALS

GS SEALS (STOPPERS)
HERMETIC SEALS
RT ∞ HEADERS
LABYRINTH SEALS
O RING SEALS
PUMP SEALS

HERMITIAN POLYNOMIAL

GS ALGEBRA
POLYNOMIALS
HERMITIAN POLYNOMIAL
RT JACOBI MATRIX METHOD
MATRICES (MATHEMATICS)
REAL VARIABLES
VECTOR SPACES

HERO REACTOR

GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
HERO REACTOR

HERTZSPRUNG-RUSSELL DIAGRAM

UF HR DIAGRAM
GS DIAGRAMS
HERTZSPRUNG-RUSSELL DIAGRAM
RT COLOR-MAGNITUDE DIAGRAM
HORIZONTAL BRANCH STARS
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA

HERZBERG BANDS

GS SPECTRA
ABSORPTION SPECTRA
HERZBERG BANDS
RADIATION SPECTRA
HERZBERG BANDS
SPECTRAL BANDS
HERZBERG BANDS
RT ∞ BANDS
OXYGEN SPECTRA
SCHUMANN-RUNGE BANDS
ULTRAVIOLET SPECTRA

HESSIAN MATRICES

RT ALGORITHMS
MATRICES (MATHEMATICS)
OPTIMIZATION

HET EXPERIMENT

UF HEALTH-EDUCATION
TELECOMMUNICATIONS EXP
GS TELECOMMUNICATION
HET EXPERIMENT
TELECONFERENCING
HET EXPERIMENT
RT ATS 6
COMMUNICATION SATELLITES
SATELLITE NETWORKS
SATELLITES

HETEROCYCLIC COMPOUNDS

GS HETEROCYCLIC COMPOUNDS
ACRIFLAVINE
ADENINES
ADENOSINES

HETEROJUNCTION DEVICES

HETEROCYCLIC COMPOUNDS-(CONT)

ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
ALKALOIDS
ATROPINE
BETAINES
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE
MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
RESERPINE
TROPYL COMPOUNDS
ALLOXAN
ANISOLE
ASCORBIC ACID
AZINES
CYANURATES
CYANURIC ACID
MECLIZINE
METHYLENE BLUE
PHENOTHIAZINES
AZOLES
ACETAZOLAMIDE
OXAZOLE
PYRROLES
CARBAZOLES
INDOLES
TRYPTOPHAN
AZULENE
BIOFLAVONOIDS
BIOTIN
CARNITINE
CYANOCOBALAMIN
CYTIDYLIC ACID
DIMENHYDRINATE
ENDRIN
FOLIC ACID
FURANS
TETRAHYDROFURAN
GUANETHIDINE
NICOTINIC ACID
PHTHALOCYANIN
PHYLLOQUINONE
PIPERIDINE
PROMETHAZINE
PYRIDOXINE
RDX
RETINENE
RIBOFLAVIN
TETRACYCLINES
TETRAZOLES
THIAMINE
THIAZINE (TRADEMARK)
THYMIDINE
THYMININE
TOCOPHEROL
TRIMETHADIONE
URACIL
XANTHINES
CAFFEINE
GUANINES
URIC ACID
RT ∞ CHEMICAL COMPOUNDS

HETERODYNING

GS HETERODYNING
OPTICAL HETERODYNING
RT AUTODYNES
DEMODULATION
INTERMEDIATE FREQUENCY AMPLIFIERS
MIXING CIRCUITS
SUPERHETERODYNE RECEIVERS

HETEROGENEITY

RT DEVIATION
IMPURITIES
INCLUSIONS
INHOMOGENEITY
RANGE (EXTREMES)
SAMPLING
STANDARD DEVIATION
STATISTICAL TESTS
VARIABILITY
VARIANCE (STATISTICS)

HETEROJUNCTION DEVICES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
HETEROJUNCTION DEVICES

HETEROJUNCTIONS

HETEROJUNCTION DEVICES-(CONT)

HIGH ELECTRON MOBILITY TRANSISTORS
RT BAND STRUCTURE OF SOLIDS
DISTRIBUTED FEEDBACK LASERS
GALLIUM ARSENIDES
HOMOJUNCTIONS
JUNCTION DIODES
QUANTUM EFFICIENCY
QUANTUM WELLS
SEMICONDUCTOR JUNCTIONS
SOLAR ENERGY CONVERSION
WAVEGUIDE LASERS

HETEROJUNCTIONS

RT HOMOJUNCTIONS
JUNCTION DIODES
QUANTUM WELLS
SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
SOLAR CELLS
THIN FILMS

HETEROPHORIA

UF EXOPHORIA
RT VISION

HETEROSPHERE

GS EARTH ATMOSPHERE
HETEROSPHERE
ENVIRONMENTS
HETEROSPHERE
RT CHEMOSPHERE
EXOSPHERE
IONOSPHERE
LOWER ATMOSPHERE
MAGNETOSPHERE
MIDDLE ATMOSPHERE
THERMOSPHERE
UPPER ATMOSPHERE

HETEROTROPHS

GS ANIMALS
HETEROTROPHS
RT AUTOTROPHS
METABOLISM
PLANTS (BOTANY)

HEURISTIC METHODS

RT AUTOMATA THEORY
COMPUTER PROGRAMMING
∞ METHODOLOGY
SIMULATION

HEUS ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
HEUS ROCKET ENGINES
RT ROCKET ENGINE CONTROL
ROCKET VEHICLES

HEWLETT-PACKARD COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
HEWLETT-PACKARD COMPUTERS

HEXADIENE

GS ALIPHATIC COMPOUNDS
HEXADIENE
HYDROCARBONS
DIENES
HEXADIENE

HEXAGONAL CELLS

RT ∞ CELLS
CRYSTAL LATTICES
HONEYCOMB STRUCTURES

HEXAGONS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
HEXAGONS

HEXAHDRITE

GS MAGNESIUM COMPOUNDS
MAGNESIUM SULFATES
HEXAHDRITE
MINERALS
HEXAHDRITE
SULFUR COMPOUNDS
SULFATES
MAGNESIUM SULFATES

HEXAMEDRITE-(CONT)

HEXAHDRITE

HEXAMETHONIUM

RT AMMONIUM COMPOUNDS
ANTICONVULSANTS

HEXAMETHYLENETETRAMINE

GS ALIPHATIC COMPOUNDS
HEXAMETHYLENETETRAMINE
AMINES
HEXAMETHYLENETETRAMINE

HEXANITROSTILBENE

UF HNST
RT STILBENE

HEXENES

GS ALIPHATIC COMPOUNDS
ALKANES
HEXENES
ALKENES
HEXENES
HYDROCARBONS
ALKANES
HEXENES
ALKENES
HEXENES
RT CYCLOHEXANE
HYDROCARBON FUELS

HEXOGENES (TRADEMARK)

GS ALIPHATIC COMPOUNDS
HEXOGENES (TRADEMARK)

HEXOKINASE

GS ALIPHATIC COMPOUNDS
HEXOKINASE
CARBOHYDRATES
HEXOKINASE
ENZYMES
HEXOKINASE

HEXOSES

GS ALIPHATIC COMPOUNDS
SUGARS
HEXOSES
CARBOHYDRATES
SUGARS
HEXOSES

HEXYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
HEXYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

HF LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
HF LASERS
RT CHEMICAL LASERS
INFRARED LASERS
TEA LASERS

HFB-320 AIRCRAFT

UF HAMBURGER HFB-320 AIRCRAFT
GS HAMBURGER AIRCRAFT
HFB-320 AIRCRAFT
JET AIRCRAFT
HFB-320 AIRCRAFT
MONOPLANES
HFB-320 AIRCRAFT
PASSENGER AIRCRAFT
HFB-320 AIRCRAFT
TRANSPORT AIRCRAFT
HFB-320 AIRCRAFT
RT ∞ AIRCRAFT

HFIR

USE HIGH FLUX ISOTOPE REACTORS

HFIR (REACTOR)

USE HIGH FLUX ISOTOPE REACTORS

HH-43 HELICOPTER

UF HH-43B HELICOPTER
HUSKIE HELICOPTER
GS KAMAN AIRCRAFT
HH-43 HELICOPTER
UTILITY AIRCRAFT
HH-43 HELICOPTER
V/STOL AIRCRAFT

NASA THESAURUS (VOLUME 1)

HH-43 HELICOPTER-(CONT)

ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
HH-43 HELICOPTER

HH-43B HELICOPTER

USE HH-43 HELICOPTER

HHX HELICOPTER

USE H-53 HELICOPTER

HIBERNATION

RT ADAPTATION
THERMOREGULATION

HICAT (RADAR TECHNIQUE)

USE HIGH RESOLUTION COVERAGE
ANTENNAS

HICAT PROJECT

USE HIGH RESOLUTION COVERAGE
ANTENNAS

HIERARCHIES

GS CLASSIFICATIONS
HIERARCHIES
BBGKY HIERARCHY
DICHOTOMIES

HIGH ACCELERATION

GS RATES (PER TIME)
ACCELERATION (PHYSICS)
HIGH ACCELERATION
RT ∞ ACCELERATION
ACCELERATION STRESSES
(PHYSIOLOGY)
ACCELERATION TOLERANCE
ELECTRON RUNAWAY (PLASMA
PHYSICS)
MECHANICAL SHOCK
∞ MOTION
SHOCK RESISTANCE

HIGH ALT TARGET AND BACKGROUND

MEASUREMENT
UF HITAB PROGRAM
RT ∞ MEASUREMENT
TARGET ACQUISITION

HIGH ALTITUDE

UF HIGH ALTITUDE FLIGHT
GS ALTITUDE
HIGH ALTITUDE
RT MIDALTITUDE
SKYHOOK BALLOONS
UPPER ATMOSPHERE

HIGH ALTITUDE BALLOONS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
JIMSPHERE BALLOONS
SKYHOOK BALLOONS
SUPERPRESSURE BALLOONS
RT BALLOON-BORNE INSTRUMENTS
GAS BAGS
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKOONS

HIGH ALTITUDE BREATHING

GS RESPIRATION
HIGH ALTITUDE BREATHING
RT ALTITUDE TOLERANCE
∞ BREATHING
EMERGENCY LIFE SUSTAINING
SYSTEMS
HYPOBARIC ATMOSPHERES
OXYGEN MASKS

HIGH ALTITUDE ENVIRONMENTS

GS ENVIRONMENTS
HIGH ALTITUDE ENVIRONMENTS
RT ALTITUDE SIMULATION
ALTITUDE TESTS
ALTITUDE TOLERANCE
ESCAPE CAPSULES
HYPOBARIC ATMOSPHERES
LOW PRESSURE
LOW TEMPERATURE ENVIRONMENTS
MOUNTAIN INHABITANTS
THERMAL VACUUM TESTS

HIGH ALTITUDE ENVIRONMENTS-(CONT)

TIMBERLINE
VACUUM CHAMBERS

HIGH ALTITUDE FLIGHT

USE FLIGHT
HIGH ALTITUDE

HIGH ALTITUDE NUCLEAR DETECTION

GS DETECTION
HIGH ALTITUDE NUCLEAR DETECTION
RT SPACE SURVEILLANCE (SPACEBORNE)
VELA SATELLITES

HIGH ALTITUDE PRESSURE

GS PRESSURE
LOW PRESSURE
HIGH ALTITUDE PRESSURE
RT ALTITUDE TOLERANCE
ATMOSPHERIC PRESSURE
HYPOBARIC ATMOSPHERES
VACUUM CHAMBERS

HIGH ALTITUDE SOUNDING PROJECTILE

USE WASP SOUNDING ROCKET

HIGH ALTITUDE TESTS

GS ALTITUDE TESTS
HIGH ALTITUDE TESTS
RT BACKGROUND RADIATION
FISHBOWL OPERATION
FLIGHT TESTS
FULL SCALE TESTS
TEST VEHICLES
∞ TESTS
VELA SATELLITES

HIGH ASPECT RATIO

GS RATIOS
ASPECT RATIO
HIGH ASPECT RATIO

HIGH ASPECT RATIO WINGS

USE SLENDER WINGS

HIGH CURRENT

GS ELECTRIC CURRENT
HIGH CURRENT
RT HIGH VOLTAGES
PLASMA CURRENTS

HIGH DISPERSION SPECTROGRAPHS

GS MEASURING INSTRUMENTS
SPECTROMETERS
ULTRAVIOLET SPECTROMETERS
HIGH DISPERSION
SPECTROGRAPHS
SPECTROGRAPHS
HIGH DISPERSION SPECTROGRAPHS

HIGH ECCENTRIC LUNAR OCCULTATION SATELLITE

USE EXOSAT SATELLITE

HIGH ELECTRON MOBILITY TRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
HETEROJUNCTION DEVICES
HIGH ELECTRON MOBILITY
TRANSISTORS
TRANSISTORS
HIGH ELECTRON MOBILITY
TRANSISTORS
RT ELECTRON MOBILITY
FIELD EFFECT TRANSISTORS

HIGH ENERGY ASTRONOMY OBSERVATORIES

USE HEAO

HIGH ENERGY ASTRONOMY OBSERVATORY A

USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY B

USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY C

USE HEAO 3

HIGH ENERGY ASTRONOMY OBSERVATORY 1

USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY 2

USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY 3

USE HEAO 3

HIGH ENERGY ELECTRONS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
HIGH ENERGY ELECTRONS
RT SCATHA SATELLITE

HIGH ENERGY FUELS

SN (HEAT CONTENT GREATER THAN OR
EQUAL TO APPROXIMATELY 25,000
BTU/LB)
UF HEF (HIGH ENERGY FUELS)
GS FUELS
CHEMICAL FUELS
HIGH ENERGY FUELS
RT ADDITIVES
BORON COMPOUNDS
CATALYSTS
CRYOGENIC ROCKET PROPELLANTS
HYBRID PROPELLANTS
HYDROCARBON FUELS

HIGH ENERGY INTERACTIONS

GS NUCLEAR REACTIONS
HIGH ENERGY INTERACTIONS
LIGHT-CONE EXPANSION
RT ANNIHILATION REACTIONS
BEAM INTERACTIONS
FISSION PRODUCTS
∞ INTERACTIONS
NUCLEAR EXPLOSIONS
NUCLEAR FISSION
NUCLEAR FUSION
NUCLEAR RADIATION
NUCLEAR RESEARCH
PAIR PRODUCTION
PARTICLE INTERACTIONS
PARTICLE PRODUCTION
POMERANCHUK THEOREM
SPHINX
THERMONUCLEAR REACTIONS
VECTOR DOMINANCE MODEL

HIGH ENERGY OXIDIZERS

GS OXIDIZERS
HIGH ENERGY OXIDIZERS
RT ROCKET OXIDIZERS

HIGH ENERGY PROPELLANTS

GS PROPELLANTS
HIGH ENERGY PROPELLANTS
DOMINO PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
HYBRID PROPELLANTS
LIQUID ROCKET PROPELLANTS

HIGH FIELD MAGNETS

UF SUPERMAGNETS
GS MAGNETS
ELECTROMAGNETS
HIGH FIELD MAGNETS
RT SUPERCONDUCTING MAGNETS

HIGH FLUX BEAM REACTORS

RT NUCLEAR REACTORS

HIGH FLUX ISOTOPE REACTORS

UF HFIR
HFIR (REACTOR)
GS NUCLEAR REACTORS
HIGH FLUX ISOTOPE REACTORS
RT NEUTRON FLUX DENSITY

HIGH FREQUENCIES

GS FREQUENCIES
RADIO FREQUENCIES
HIGH FREQUENCIES
RT DECA-METRIC WAVES
INTERMEDIATE FREQUENCIES
LOW FREQUENCY BANDS
MAXIMUM USABLE FREQUENCY
RING DISCHARGE
SHORT WAVE RADIATION
SHORT WAVE RADIO TRANSMISSION
TOROIDAL DISCHARGE

HIGH GAIN

RT AMPLIFICATION
PILOT INDUCED OSCILLATION
POWER GAIN
TRANSFER FUNCTIONS

HIGH GRAVITY (ACCELERATION)

USE HIGH GRAVITY ENVIRONMENTS

HIGH GRAVITY ENVIRONMENTS

UF HIGH GRAVITY (ACCELERATION)
ENVIRONMENTS
GS HIGH GRAVITY ENVIRONMENTS
RATES (PER TIME)
ACCELERATION (PHYSICS)
HIGH GRAVITY ENVIRONMENTS
RT ∞ ACCELERATION
CENTRIFUGES
EXTRATERRESTRIAL ENVIRONMENTS
GRAVITATION
HUMAN CENTRIFUGES
REDUCED GRAVITY
ROTATING ENVIRONMENTS

HIGH IMPULSE

RT ∞ FORCE
IMPULSES
PROPULSION

HIGH INTENSITY LASERS

USE HIGH POWER LASERS

HIGH LATITUDES

USE POLAR REGIONS

HIGH LEVEL LANGUAGES

GS LANGUAGES
PROGRAMMING LANGUAGES
HIGH LEVEL LANGUAGES
RT COMMUNICATION THEORY
LANGUAGE PROGRAMMING
SYMBOLS

HIGH MELTING COMPOUNDS

USE REFRACTORY MATERIALS

HIGH PASS FILTERS

RT BANDSTOP FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
∞ FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS

HIGH POLYMERS

RT ∞ POLYMERS

HIGH POWER LASERS

UF HIGH INTENSITY LASERS
GS STIMULATED EMISSION DEVICES
LASERS
HIGH POWER LASERS
NOVA LASER SYSTEM
SHIVA LASER SYSTEM
RT GLASS LASERS
LASER FUSION
LASER OUTPUTS
OPTICAL COMMUNICATION

HIGH PRESSURE

GS PRESSURE
HIGH PRESSURE
RT ANTICYCLONES
CRITICAL PRESSURE
HYPERBARIC CHAMBERS
LOW PRESSURE
SUPERCRITICAL PRESSURES
TRANSITION PRESSURE
VACUUM

HIGH PRESSURE OXYGEN

GS GASES
COMPRESSED GAS
HIGH PRESSURE OXYGEN
OXYGEN
RT HIGH PRESSURE OXYGEN
FIRE PREVENTION
PRESSURE
SPACECRAFT CABIN ATMOSPHERES

HIGH Q

USE Q FACTORS

HIGH RESISTANCE

∞ **HIGH RESISTANCE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CHEMICAL PROPERTIES
 ELECTRICAL RESISTANCE
 FLOW RESISTANCE
 MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ RESISTANCE
 RUGGEDNESS
 THERMAL RESISTANCE

HIGH RESOLUTION
 GS RESOLUTION
HIGH RESOLUTION
 RT ACCURACY
 ANGULAR RESOLUTION
 PRECISION
 SPATIAL RESOLUTION

HIGH RESOLUTION COVERAGE ANTENNAS
 UF HICAT (RADAR TECHNIQUE)
 HICAT PROJECT
 RT RADAR ANTENNAS
 RADAR RESOLUTION
 RESOLUTION

HIGH REYNOLDS NUMBER
 SN (RN ABOVE 3,000)
 GS RATIOS
 DIMENSIONLESS NUMBERS
 REYNOLDS NUMBER
HIGH REYNOLDS NUMBER
 RT LOW REYNOLDS NUMBER

HIGH SPEED
 UF HIGH SPEED FLIGHT
 GS RATES (PER TIME)
HIGH SPEED
 VELOCITY
HIGH SPEED
 RT AIRSPEED
 ESCAPE VELOCITY
 GROUND SPEED
 HYPERSONIC SPEED
 LANDING SPEED
 LIGHT SPEED
 RELATIVISTIC VELOCITY
 ROTOR SPEED
 SUPERSONIC SPEEDS

HIGH SPEED CAMERAS
 GS OPTICAL EQUIPMENT
 CAMERAS
HIGH SPEED CAMERAS
 FRAMING CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
HIGH SPEED CAMERAS
 FRAMING CAMERAS
 RT BALLISTIC CAMERAS
 FRAME PHOTOGRAPHY
 HIGH SPEED PHOTOGRAPHY
 ROTATING MIRRORS
 STREAK PHOTOGRAPHY
 STROBOSCOPES

HIGH SPEED FLIGHT
 USE FLIGHT
 HIGH SPEED

HIGH SPEED PHOTOGRAPHY
 GS PHOTOGRAPHY
HIGH SPEED PHOTOGRAPHY
 RT HIGH SPEED CAMERAS
 PHOTOGRAPHIC RECORDING

HIGH SPEED TRANSPORTATION
 USE RAPID TRANSIT SYSTEMS

HIGH STRENGTH
 GS MECHANICAL PROPERTIES
HIGH STRENGTH
 RT COMPRESSIVE STRENGTH
 SHEAR STRENGTH
 ∞ STRENGTH
 TENSILE STRENGTH
 TENSILE STRESS
 YIELD STRENGTH

HIGH STRENGTH ALLOYS
 GS ALLOYS
HIGH STRENGTH ALLOYS

HIGH STRENGTH ALLOYS-(CONT)

ASTROLOY (TRADEMARK)
 HIGH STRENGTH STEELS
 MARAGING STEELS
 RT TENSILE PROPERTIES

HIGH STRENGTH STEELS
 UF LOW ALLOY STEELS
 GS ALLOYS
 HIGH STRENGTH ALLOYS
HIGH STRENGTH STEELS
 MARAGING STEELS
 IRON ALLOYS
 STEELS
HIGH STRENGTH STEELS
 MARAGING STEELS
 RT CARBON STEELS

HIGH TEMPERATURE
 GS TEMPERATURE
HIGH TEMPERATURE
 RT SIALON
 TEMPERATURE MEASUREMENT

HIGH TEMPERATURE AIR
 UF HOT AIR
 GS GASES
 AIR
HIGH TEMPERATURE AIR
 HIGH TEMPERATURE GASES
HIGH TEMPERATURE AIR
 HIGH TEMPERATURE FLUIDS
 HIGH TEMPERATURE GASES
HIGH TEMPERATURE AIR

HIGH TEMPERATURE ALLOYS
 USE HEAT RESISTANT ALLOYS

HIGH TEMPERATURE ENVIRONMENTS
 GS ENVIRONMENTS
HIGH TEMPERATURE ENVIRONMENTS
 RT DRY HEAT
 HEAT ACCLIMATIZATION
 LUNAR TEMPERATURE
 THERMAL ENVIRONMENTS
 THERMAL FATIGUE

HIGH TEMPERATURE FLUIDS
 GS HIGH TEMPERATURE FLUIDS
 HIGH TEMPERATURE GASES
 HIGH TEMPERATURE AIR
 RT ∞ FLUIDS
 HYDRAULIC FLUIDS
 PLASMAS (PHYSICS)
 WORKING FLUIDS

HIGH TEMPERATURE GAS COOLED REACTORS
 UF HTGR
 GS NUCLEAR REACTORS
 GAS COOLED REACTORS
 HIGH TEMPERATURE NUCLEAR
 REACTORS
**HIGH TEMPERATURE GAS COOLED
 REACTORS**
 RT NUCLEAR POWER REACTORS

HIGH TEMPERATURE GASES
 UF HOT GAS SYSTEMS
 HOT GASES
 HOT JET EXHAUST
 GS GASES
HIGH TEMPERATURE GASES
 HIGH TEMPERATURE AIR
 HIGH TEMPERATURE FLUIDS
HIGH TEMPERATURE GASES
 HIGH TEMPERATURE AIR
 RT COMBUSTION PRODUCTS
 EXHAUST EMISSION
 IONIZED GASES
 PNEUMATIC PROBES
 RAREFIED GASES
 SHOCK WAVE PROPAGATION

HIGH TEMPERATURE LUBRICANTS
 GS LUBRICANTS
HIGH TEMPERATURE LUBRICANTS
 RT GAS BEARINGS
 GAS LUBRICANTS
 THERMAL RESISTANCE

HIGH TEMPERATURE MATERIALS
 USE REFRACTORY MATERIALS

NASA THESAURUS (VOLUME 1)

HIGH TEMPERATURE NUCLEAR REACTORS
 UF LOS ALAMOS TURRET REACTOR
 UHTREX (NUCLEAR REACTORS)
 GS NUCLEAR REACTORS
 GAS COOLED REACTORS
**HIGH TEMPERATURE NUCLEAR
 REACTORS**
 HIGH TEMPERATURE GAS COOLED
 REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
**HIGH TEMPERATURE NUCLEAR
 REACTORS**
 RT NUCLEAR PROPULSION
 REACTOR DESIGN
 REACTOR TECHNOLOGY
 ∞ REACTORS

HIGH TEMPERATURE PLASMAS
 UF HOT PLASMAS
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
HIGH TEMPERATURE PLASMAS
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
HIGH TEMPERATURE PLASMAS
 RT BOLTZMANN-VLASOV EQUATION
 COLLISIONAL PLASMAS
 DENSE PLASMAS
 ELECTRON PLASMA
 HELIOS PROJECT
 RELATIVISTIC PLASMAS
 STRONGLY COUPLED PLASMAS
 THERMAL PLASMAS

HIGH TEMPERATURE PROPELLANTS
 GS PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
 RT ELECTROTHERMAL ENGINES
 GELLED PROPELLANTS
 GELLED ROCKET PROPELLANTS
 ION PROPULSION
 NUCLEAR PROPULSION
 PLASMA ENGINES
 SOLID PROPELLANTS
 STORABLE PROPELLANTS

HIGH TEMPERATURE RESEARCH
 GS RESEARCH
HIGH TEMPERATURE RESEARCH
 RT PLASMA GENERATORS
 REFRACTORY MATERIALS

HIGH TEMPERATURE TESTS
 UF HEAT TESTS
 GS ENVIRONMENTAL TESTS
HIGH TEMPERATURE TESTS
 RT BOMB CALORIMETERS
 CALORIMETERS
 CHEMICAL TESTS
 COLD STRENGTH
 COLD WEATHER TESTS
 CRYOSTATS
 DROP CALORIMETERS
 FLAME CALORIMETERS
 HARDNESS TESTS
 LUBRICANT TESTS
 ∞ MATERIALS TESTS
 MELTING POINTS
 NONDESTRUCTIVE TESTS
 TEMPERATURE CONTROL
 ∞ TESTS
 THERMAL EXPANSION
 THERMAL RESISTANCE
 THERMAL SHOCK
 THERMAL STABILITY
 THERMODYNAMIC PROPERTIES
 TRANSPORT PROPERTIES

HIGH THRUST
 GS THRUST
HIGH THRUST
 RT JET THRUST
 LOW THRUST
 ROCKET THRUST
 THRUST AUGMENTATION
 VARIABLE THRUST

HIGH VACUUM
 GS PRESSURE
 VACUUM
HIGH VACUUM

NASA THESAURUS (VOLUME 1)

HIGH VACUUM-(CONT)

RT COLD WELDING
LOW VACUUM
MOLECULAR SHIELDS
RESIDUAL GAS
SPACE MANUFACTURING
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TESTS

HIGH VACUUM ORBITAL SIMULATOR

UF HIVOS (SIMULATOR)
GS SIMULATORS
ENVIRONMENT SIMULATORS
SPACE SIMULATORS
HIGH VACUUM ORBITAL
SIMULATOR
RT SPACE ENVIRONMENT SIMULATION

HIGH VOLTAGES

RT ELECTRIC CURRENT
ELECTRIC POTENTIAL
HIGH CURRENT

HIGHLANDS

RT COLORADO PLATEAU (US)
MESAS
MOUNTAINS
PLATEAUS
TOPOGRAPHY

HIGHLY ECCENTRIC ORBIT SATELLITES

USE HEOS SATELLITES

HIGHLY MANEUVERABLE AIRCRAFT

UF HIMAT
RT AIRBORNE/SPACEBORNE COMPUTERS
 ∞ AIRCRAFT
AIRCRAFT MANEUVERS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
COMPUTERIZED SIMULATION
FIGHTER AIRCRAFT
FLIGHT CHARACTERISTICS
FLIGHT TESTS
REMOTELY PILOTED VEHICLES

HIGHWAYS

GS ROADS
HIGHWAYS
RT AIR BAG RESTRAINT DEVICES
BRIDGES (STRUCTURES)
CONSTRUCTION
CRASHES
INTERSECTIONS
PAVEMENTS
RAMPS (STRUCTURES)
RAPID TRANSIT SYSTEMS
REGIONAL PLANNING
STREETS
TRANSPORTATION
TRANSPORTATION NETWORKS
URBAN PLANNING

HIJACKING

USE AIR PIRACY

HILBERT SPACE

GS ALGEBRA
VECTOR SPACES
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
FUNCTION SPACE
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE
FUNCTIONAL ANALYSIS
HILBERT SPACE
BANACH SPACE
SOBOLEV SPACE

HILBERT TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
HILBERT TRANSFORMATION

HILL CURVES

USE HILL METHOD

HILL DETERMINANT

GS ANALYSIS (MATHEMATICS)

HILL DETERMINANT-(CONT)

HILL DETERMINANT
RT DIFFERENTIAL EQUATIONS
EIGENVALUES
MATHIEU FUNCTION

HILL LUNAR THEORY

RT EARTH ORBITS
ORBITAL MECHANICS
PERTURBATION THEORY
 ∞ THEORIES

HILL METHOD

UF HILL CURVES
RT EARTH ORBITS
 ∞ METHODOLOGY
ORBITAL MECHANICS
PERTURBATION THEORY

HILLER AIRCRAFT

UF HILLER MILITARY AIRCRAFT
GS HILLER AIRCRAFT
OH-5 HELICOPTER
RT ∞ AIRCRAFT

HILLER MILITARY AIRCRAFT

USE HILLER AIRCRAFT
MILITARY AIRCRAFT

HILSCH TUBES

UF VORTEX TUBES
RT COAXIAL FLOW
COOLING
HEATING
 ∞ TUBES
VORTEX GENERATORS
VORTICES

HIMALAYAS

GS LANDFORMS
MOUNTAINS
HIMALAYAS
RT ASIA
BHUTAN
INDIA
PAKISTAN
SIKKIM
TIBET

HIMAT

USE HIGHLY MANEUVERABLE AIRCRAFT

HINDRANCE

USE CONSTRAINTS

HINGE MOMENTS

USE TORQUE

HINGED ROTOR BLADES

USE HINGES
ROTARY WINGS

HINGELESS ROTORS

USE RIGID ROTORS

HINGES

UF HINGED ROTOR BLADES
GS HINGES
FLAPPING HINGES
RT BEARINGLESS ROTORS
PIVOTS
SWIVELS

HIPPARCOS SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
HIPPARCOS SATELLITE
RT ASTROMETRY
EUROPEAN SPACE PROGRAMS
SPACEBORNE ASTRONOMY
STELLAR MOTIONS
STELLAR PARALLAX

HIPPOCAMPUS

GS ANATOMY
BRAIN
HIPPOCAMPUS
NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
BRAIN
HIPPOCAMPUS

HL-10 REENTRY VEHICLE

HIPPURIC ACID

GS ACIDS
AMINO ACIDS
HIPPURIC ACID
ALIPHATIC COMPOUNDS
HIPPURIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
HIPPURIC ACID

HIS BUNDLE

RT CARDIAC AURICLES
CARDIAC VENTRICLES
ELECTROPHYSIOLOGY
HEART DISEASES
HEART FUNCTION
NERVES

HISS

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
HISS

HISTAMINES

GS DRUGS
HISTAMINES
RT AMINES
ANTIHISTAMINICS
ITCHING

HISTIDINE

GS ACIDS
AMINO ACIDS
HISTIDINE
AMINES
HISTIDINE
ORGANIC COMPOUNDS
AMINO ACIDS
HISTIDINE

HISTOCHEMICAL ANALYSIS

RT BIOASSAY
BIOCHEMISTRY
CELLS (BIOLOGY)
ORGANIC CHEMISTRY
TISSUES (BIOLOGY)

HISTOGRAMS

RT DISCRETE FUNCTIONS
GRAPHS (CHARTS)
NORMAL DENSITY FUNCTIONS

HISTOLOGY

GS MEDICAL SCIENCE
HISTOLOGY
RT EPITHELIUM
MORPHOLOGY
PLATELETS

HISTORIES

GS HISTORIES
CASE HISTORIES
RT DOCUMENTATION
MUSEUMS
PALEONTOLOGY
PEACETIME
RECORDS

HITAB PROGRAM

USE HIGH ALT TARGET AND BACKGROUND
MEASUREMENT

HIVOS (SIMULATOR)

USE HIGH VACUUM ORBITAL SIMULATOR

HL-10 REENTRY VEHICLE

GS GLIDERS
HL-10 REENTRY VEHICLE
LIFTING BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
REENTRY VEHICLES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
RT HYPERSONIC GLIDERS

HLD-35 REENTRY VEHICLE

HLD-35 REENTRY VEHICLE
 GS HYPERSONIC VEHICLES
 LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
 LIFTING BODIES
 LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
 MANEUVERABLE SPACECRAFT
 LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
 REENTRY VEHICLES
 LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
 RT HYPERSONIC GLIDERS

HLLV
 USE HEAVY LIFT LAUNCH VEHICLES

HMX
 UF CYCLOTETRAMETHYLENE
 TETRANITRAMINE
 TETRANITROTETRAZACYCLOOCTANE
 EXPLOSIVES
 RT

HNPF (HALLAM NUCLEAR POWER FACILITY)
 USE HALLAM NUCLEAR POWER FACILITY

HNST
 USE HEXANITROSTILBENE

HO-4 HELICOPTER
 USE OH-4 HELICOPTER

HO-5 HELICOPTER
 USE OH-5 HELICOPTER

HO-6 HELICOPTER
 USE OH-6 HELICOPTER

HODOGRAPHS
 RT CHAPLYGIN EQUATION
 KINEMATICS
 VECTOR SPACES

HODOSCOPES
 GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
HODOSCOPES
 RT RADIATION COUNTERS

HOGBACKS
 USE RIDGES

HOHLRAUMS
 RT BLACK BODY RADIATION
 EMISSIVITY

HOHMANN TRAJECTORIES
 USE ELLIPTICAL ORBITS
 TRANSFER ORBITS

HOHMANN TRANSFER ORBITS
 USE ELLIPTICAL ORBITS
 TRANSFER ORBITS

HOLDERS
 GS **HOLDERS**
 FLAME HOLDERS
 RT ANCHORS (FASTENERS)
 ∞ BANDS
 BOLTS
 BRACKETS
 CLAMPS
 CLIPS
 FASTENERS
 JIGS
 LATCHES
 LUGS
 MECHANICAL DEVICES
 NUTS (FASTENERS)
 PINS
 POSITIONING DEVICES (MACHINERY)
 RIVETS
 SCREWS
 ∞ SPIKES
 SPLINES
 STRAPS
 STUDS (STRUCTURAL MEMBERS)
 ZIPPERS

∞ **HOLDING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

HOLDING-(CONT)
 RT CONSTRAINTS
 DELAY
 RETAINING
 STOPPING

HOLE BURNING
 RT COMPUTER STORAGE DEVICES
 HOLOGRAPHY
 LASER APPLICATIONS
 LASERS
 LASING
 MEMORY (COMPUTERS)

∞ **HOLE DISTRIBUTION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CURRENT DISTRIBUTION
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLE DISTRIBUTION (MECHANICS)

HOLE DISTRIBUTION (ELECTRONICS)
 GS DISTRIBUTION (PROPERTY)
HOLE DISTRIBUTION (ELECTRONICS)
 RT CHARGE DISTRIBUTION
 CURRENT DISTRIBUTION
 ∞ HOLE DISTRIBUTION
 HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTORS (MATERIALS)

HOLE DISTRIBUTION (MECHANICS)
 GS DISTRIBUTION (PROPERTY)
HOLE DISTRIBUTION (MECHANICS)
 RT CAVITIES
 ∞ HOLE DISTRIBUTION
 PERFORATED SHELLS
 POROSITY
 STRESS CONCENTRATION
 VOID RATIO

HOLE GEOMETRY (MECHANICS)
 RT FRACTURE MECHANICS
 PERFORATED PLATES
 PERFORATED SHELLS
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS
 STRUCTURAL ANALYSIS

HOLE MOBILITY
 GS ELECTROMAGNETIC PROPERTIES
 ELECTRICAL PROPERTIES
 CARRIER MOBILITY
HOLE MOBILITY
 MOBILITY
 CARRIER MOBILITY
HOLE MOBILITY
 TRANSPORT PROPERTIES
 CARRIER MOBILITY
HOLE MOBILITY
 RT ATOMIC MOBILITIES
 CHARGE CARRIERS
 ELECTROMIGRATION
 ELECTRON MOBILITY
 HOLES (ELECTRON DEFICIENCIES)
 ∞ SOLID STATE PHYSICS

∞ **HOLES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BOREHOLES
 CAVITIES
 CORONAL HOLES
 GAPS
 HOLES (ELECTRON DEFICIENCIES)

HOLES (ELECTRON DEFICIENCIES)
 GS CHARGE CARRIERS
HOLES (ELECTRON DEFICIENCIES)
 RT ACCEPTOR MATERIALS
 CRYSTAL DEFECTS
 DONOR MATERIALS
 ELECTRONS
 EXCITONS
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLE MOBILITY
 ∞ HOLES
 MAJORITY CARRIERS
 ∞ MATERIALS
 MINORITY CARRIERS
 ORDER-DISORDER TRANSFORMATIONS
 P-TYPE SEMICONDUCTORS
 SEMICONDUCTOR PLASMAS
 SEMICONDUCTORS (MATERIALS)

NASA THESAURUS (VOLUME 1)

HOLES (ELECTRON DEFICIENCIES)-(CONT)
 SUHL EFFECT
 VACANCIES (CRYSTAL DEFECTS)

HOLLAND
 USE NETHERLANDS

∞ **HOLLOW**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CAVITIES
 ∞ DEPRESSION
 RECESSES

HOLLOW CATHODES
 GS ELECTRODES
 CATHODES
HOLLOW CATHODES
 RT TUBE CATHODES
 TUNNEL CATHODES

HOLMIUM
 GS CHEMICAL ELEMENTS
 RARE EARTH ELEMENTS
HOLMIUM
 HOLMIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
HOLMIUM
 HOLMIUM ISOTOPES

HOLMIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
HOLMIUM ISOTOPES
 RARE EARTH ELEMENTS
 HOLMIUM
HOLMIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
 HOLMIUM
 HOLMIUM ISOTOPES

HOLOGRAMMETRY
 RT HOLOGRAPHY
 IMAGING TECHNIQUES
 PHOTOGRAPHIC RECORDING
 PHOTOMAPPING
 TERRAIN ANALYSIS

HOLOGRAPHIC INTERFEROMETRY
 GS INTERFEROMETRY
HOLOGRAPHIC INTERFEROMETRY
 RT COHERENT LIGHT
 DIFFRACTION PATTERNS
 HOLOGRAPHY
 LASER OUTPUTS
 MOIRE INTERFEROMETRY
 SCATTER PLATES (OPTICS)
 WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SPECTROSCOPY
 GS SPECTROSCOPY
HOLOGRAPHIC SPECTROSCOPY
 RT FOURIER TRANSFORMATION
 HOLOGRAPHY
 SPECTRUM ANALYSIS
 WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SUBTRACTION
 UF SELF SUBTRACTION HOLOGRAPHY
 RT HOLOGRAPHY

HOLOGRAPHY
 GS IMAGERY
HOLOGRAPHY
 MICROWAVE HOLOGRAPHY
 WHITE LIGHT HOLOGRAPHY
 PHOTOGRAPHY
HOLOGRAPHY
 ACOUSTICAL HOLOGRAPHY
 MICROWAVE HOLOGRAPHY
 WHITE LIGHT HOLOGRAPHY
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT LIGHT
 DATA STORAGE
 HOLE BURNING
 HOLOGRAMMETRY
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHIC SPECTROSCOPY
 HOLOGRAPHIC SUBTRACTION

HOLOGRAPHY-(CONT)

IMAGE CORRELATORS
 IMAGE RECONSTRUCTION
 KINOFORM
 LASERS
 OPTICAL MEMORY (DATA STORAGE)
 SCATTER PLATES (OPTICS)
 SPATIAL FILTERING
 SPECKLE PATTERNS
 WAVE FRONT RECONSTRUCTION

HOMOMORPHISM

USE ANALYTIC FUNCTIONS

HOMEOSTASIS

RT ACCLIMATIZATION
 ACID BASE EQUILIBRIUM
 ADAPTATION
 BODY TEMPERATURE
 COLD TOLERANCE
 COLLOIDS
 ∞ EQUILIBRIUM
 FIBRINOGEN
 HORMONES
 METABOLISM
 NERVOUS SYSTEM
 OSMOSIS
 PHYSIOLOGY
 RESPIRATORY SYSTEM
 SKIN (ANATOMY)
 STRESS (PHYSIOLOGY)
 THERMOREGULATION
 THROMBOPLASTIN
 WATER BALANCE

HOMEOTHERMS

RT ANIMALS
 BIRDS
 BODY TEMPERATURE
 VERTEBRATES

HOMING

RT AUTOMATIC PILOTS
 BEACONS
 GUIDANCE (MOTION)
 MISSILE CONTROL
 RADIO DIRECTION FINDERS
 TERMINAL GUIDANCE

HOMING DEVICES

UF SEEKERS
 RT BEACONS
 GUIDANCE (MOTION)
 INFRARED TRACKING
 LASER GUIDANCE
 MISSILES
 NAVIGATION
 NAVIGATION AIDS
 RADIO BEACONS
 RADIO DIRECTION FINDERS
 RADIO NAVIGATION
 RENDEZVOUS GUIDANCE
 SOLAR COMPASSES
 TRAJECTORY CONTROL

HOMODYNE RECEPTION

RT FREQUENCY SYNCHRONIZATION
 RADIO RECEPTION
 SIGNAL RECEPTION

HOMOGENEITY

RT ANISOTROPIC MEDIA
 HOMOGENIZING
 SAMPLING
 STATISTICAL TESTS
 UNITY
 VARIANCE (STATISTICS)

HOMOGENEOUS TURBULENCE

GS TURBULENCE
 HOMOGENEOUS TURBULENCE
 RT ATMOSPHERIC TURBULENCE
 FLUCTUATION THEORY
 ISOTROPIC TURBULENCE
 LOW LEVEL TURBULENCE
 MAGNETOHYDRODYNAMIC TURBULENCE

HOMOGENIZATION

USE HOMOGENIZING

HOMOGENIZING

UF HOMOGENIZATION
 GS MIXING
 HOMOGENIZING

HOMOGENIZING-(CONT)

RT AGITATION
 COLLOIDING
 COMPOUNDING
 DISPERSING
 DISSOLVING
 HOMOGENEITY
 PREMIXING
 ∞ SEPARATION
 SUSPENDING (MIXING)

HOMOJUNCTIONS

GS ELECTRIC GENERATORS
 DIRECT POWER GENERATORS
 SOLAR CELLS
 HOMOJUNCTIONS
 SOLAR GENERATORS
 SOLAR CELLS
 HOMOJUNCTIONS
 RT HETEROJUNCTION DEVICES
 HETEROJUNCTIONS
 SEMICONDUCTOR JUNCTIONS
 SILICON JUNCTIONS

HOMOLOGY

UF COHOMOLOGY
 RT ANALOGIES
 DUALITY THEOREM
 MATCHING
 ∞ RELATIONSHIPS
 TOPOLOGY

HOMOMORPHISMS

GS ALGEBRA
 GROUP THEORY
 HOMOMORPHISMS
 AUTOMORPHISMS
 MONOIDS
 SUBGROUPS
 RT FIELD THEORY (ALGEBRA)
 ISOMORPHISM

HOMOPOLAR GENERATORS

GS ELECTRIC GENERATORS
 ROTATING GENERATORS
 HOMOPOLAR GENERATORS
 RT DIRECT CURRENT
 ∞ ELECTRIC EQUIPMENT
 ELECTROMECHANICAL DEVICES
 ∞ GENERATORS

HOMOSPHERE

GS EARTH ATMOSPHERE
 HOMOSPHERE
 MIDDLE ATMOSPHERE
 CHEMOSPHERE
 STRATOSPHERE
 RT BIOSPHERE
 IONOSPHERE
 LOWER ATMOSPHERE
 MESOSPHERE
 OZONOSPHERE
 STRATOSPHERE
 THERMOSPHERE
 TROPOSPHERE
 UPPER ATMOSPHERE

HOMOTOPY THEORY

GS GEOMETRY
 TOPOLOGY
 HOMOTOPY THEORY
 RT CURVES (GEOMETRY)
 FIBERS (MATHEMATICS)
 ∞ THEORIES

HOMOTROPY

RT ALGEBRA
 PROBLEM SOLVING
 SET THEORY
 TOPOLOGY

HONDURAS

GS NATIONS
 HONDURAS
 RT CENTRAL AMERICA

HONEST JOHN ROCKET VEHICLE

GS ROCKET VEHICLES
 SINGLE STAGE ROCKET VEHICLES
 HONEST JOHN ROCKET VEHICLE
 SURFACE TO SURFACE ROCKETS
 HONEST JOHN ROCKET VEHICLE
 RT ARGO ROCKET VEHICLES
 EXOS SOUNDING ROCKET

HOOP COLUMN ANTENNAS**HONEST JOHN ROCKET VEHICLE-(CONT)**

HERCULES ENGINE
 SOLID PROPELLANT ROCKET ENGINES
 TRAILBLAZER 1 REENTRY VEHICLE

HONEYCOMB CORES

GS CORES
 HONEYCOMB CORES
 HONEYCOMB STRUCTURES
 HONEYCOMB CORES
 RT CERAMIC HONEYCOMBS
 COMPOSITE STRUCTURES
 LOW DENSITY MATERIALS
 SANDWICH STRUCTURES

HONEYCOMB STRUCTURES

GS HONEYCOMB STRUCTURES
 HONEYCOMB CORES
 RT ∞ CELLS
 CERAMIC HONEYCOMBS
 COMPOSITE STRUCTURES
 HEXAGONAL CELLS
 INSULATION
 LAMINATES
 LOW DENSITY MATERIALS
 METAL FOILS
 POROUS MATERIALS
 SANDWICH STRUCTURES
 ∞ STRUCTURES

HONEYWELL ADEPT COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 HONEYWELL COMPUTERS
 HONEYWELL ADEPT COMPUTER

HONEYWELL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 HONEYWELL COMPUTERS
 DDP 516 COMPUTER
 HONEYWELL ADEPT COMPUTER
 HONEYWELL DDP 116 COMPUTER
 HONEYWELL 600/6000 COMPUTER

HONEYWELL DDP 116 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 HONEYWELL COMPUTERS
 HONEYWELL DDP 116 COMPUTER

HONEYWELL 600/6000 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 ANALOG COMPUTERS
 HONEYWELL 600/6000 COMPUTER
 DIGITAL COMPUTERS
 HONEYWELL COMPUTERS
 HONEYWELL 600/6000 COMPUTER

HONG KONG

RT ASIA
 CHINA
 NATIONS
 TAIWAN

HONING

RT SCRAPERS
 SMOOTHING

HOOKES LAW

GS LAWS
 HOOKES LAW
 RT ELASTIC PROPERTIES
 FIBER STRENGTH
 MAXWELL BODIES
 MODULUS OF ELASTICITY
 SHEAR PROPERTIES
 STRESS-STRAIN DIAGRAMS

HOOKS

RT FASTENERS
 FORKS
 SWIVELS

HOOP COLUMN ANTENNAS

GS ANTENNAS
 HOOP COLUMN ANTENNAS
 RT LARGE SPACE STRUCTURES
 SPACECRAFT COMMUNICATION

HOOPS

HOOPS
RT RING STRUCTURES
TENSILE STRESS

HOPCALITE (TRADEMARK)
GS CATALYSTS
HOPCALITE (TRADEMARK)
CHALCOGENIDES
OXIDES
METAL OXIDES
MANGANESE OXIDES
HOPCALITE (TRADEMARK)
MANGANESE COMPOUNDS
HOPCALITE (TRADEMARK)
RT AIR PURIFICATION
CARBON MONOXIDE
GAS ANALYSIS

HOPPERS
RT ∞ CONTAINERS
MATERIALS HANDLING
PACKAGING

HORIZON
GS **HORIZON**
RADIO HORIZONS
CELESTIAL SPHERE
GYRO HORIZONS
RANGE (EXTREMES)

HORIZON SCANNERS
UF HORIZON SENSING
INFRARED HORIZON SCANNERS
GS FLIGHT INSTRUMENTS
HORIZON SCANNERS
SCANNERS
HORIZON SCANNERS
RT ATTITUDE CONTROL
INFRARED SCANNERS
NAVIGATION INSTRUMENTS
OPTICAL EQUIPMENT
PHOTOMETERS
RADIO HORIZONS
RADIOMETERS
SCANNER PROJECT

HORIZON SENSING
USE HORIZON SCANNERS

HORIZONTAL BRANCH STARS
GS CELESTIAL BODIES
GLOBULAR CLUSTERS
HORIZONTAL BRANCH STARS
RT COLOR-MAGNITUDE DIAGRAM
HERTZSPRUNG-RUSSELL DIAGRAM
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY

HORIZONTAL FLIGHT
RT AERODYNAMIC BALANCE
AIRCRAFT STABILITY
CLIMBING FLIGHT
CRUISING FLIGHT
∞ FLIGHT
FLIGHT PATHS
ROCKET FLIGHT
SOARING
TURNING FLIGHT

HORIZONTAL ORIENTATION
RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
∞ ORIENTATION
STABILIZATION
VERTICAL ORIENTATION

HORIZONTAL SPACECRAFT LANDING
GS LANDING
GLIDE LANDINGS
HORIZONTAL SPACECRAFT LANDING
SPACECRAFT LANDING
HORIZONTAL SPACECRAFT LANDING
RT APPROACH AND LANDING TESTS (STS)
CRASH LANDING
PLANETARY LANDING
SOFT LANDING
WATER LANDING

HORIZONTAL STABILIZERS
USE STABILIZERS (FLUID DYNAMICS)

HORIZONTAL TAIL SURFACES
UF TAIL PLANES
GS AIRFOILS
HORIZONTAL TAIL SURFACES
CONTROL SURFACES
HORIZONTAL TAIL SURFACES
STABILIZERS (FLUID DYNAMICS)
HORIZONTAL TAIL SURFACES
TAIL SURFACES
HORIZONTAL TAIL SURFACES
RT AERIAL RUDDERS
ELEVATORS (CONTROL SURFACES)
∞ SURFACES
TAIL ASSEMBLIES
TRAPEZOIDAL TAIL SURFACES

HORMONE METABOLISMS
GS METABOLISM
HORMONE METABOLISMS
RT HORMONES

HORMONES
GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
ESTROGENS
HYDROXYCORTICOSTEROID
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)
PROSTAGLANDINS
RT ENDOCRINE SYSTEMS
HOMEOSTASIS
HORMONE METABOLISMS

HORN ANTENNAS
GS ANTENNAS
DIRECTIONAL ANTENNAS
HORN ANTENNAS
WAVEGUIDE ANTENNAS
HORN ANTENNAS
MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
HORN ANTENNAS
RT ANTENNA DESIGN
LENS ANTENNAS
PARABOLIC ANTENNAS
RADAR ANTENNAS
SCHELKUNOFF PRINCIPLE
SIDELOBE REDUCTION
SLOT ANTENNAS

HORNS
RT AUDITORY SIGNALS
SCHWARZSCHILD ANTENNAS
∞ SIGNALS
SIRENS
SOUND GENERATORS
WARNING
WARNING SYSTEMS

HORSEPOWER
RT PHYSICAL WORK
∞ POWER
POWER EFFICIENCY
WORK

HORSES
GS ANIMALS
VERTEBRATES
MAMMALS
HORSES
RT GRAZING
LIVESTOCK

HOSES
RT PIPES (TUBES)
∞ TUBES

HOSPITALS
RT EVACUATING (TRANSPORTATION)
MEDICAL EQUIPMENT

HOT AIR
USE HIGH TEMPERATURE AIR

HOT ATOMS
GS ATOMS
HOT ATOMS
RT BETA PARTICLES
DECAY
NEUTRON DECAY

HOT CATHODES
GS ELECTRODES

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HOT CATHODES-(CONT)
CATHODES
TUBE CATHODES
HOT CATHODES
RT BAYARD-ALPERT IONIZATION GAGES
IONIZATION GAGES
THERMIONIC CATHODES

HOT CORROSION
GS CORROSION
HOT CORROSION
RT COATINGS
DAMAGE
DEGRADATION
DETERIORATION
EROSION
GAS-METAL INTERACTIONS
METAL COATINGS
OXIDATION
PITTING
RUSTING
SCALE (CORROSION)
SURFACE PROPERTIES

HOT CYCLE PROPULSION SYSTEM
USE TIP DRIVEN ROTORS

HOT ELECTRONS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
HOT ELECTRONS

HOT EXTRUDING
USE EXTRUDING

HOT FORMING
USE HOT WORKING

HOT GAS SYSTEMS
USE HIGH TEMPERATURE GASES

HOT GASES
USE HIGH TEMPERATURE GASES

HOT JET EXHAUST
USE HIGH TEMPERATURE GASES
JET EXHAUST

HOT JETS
USE JET FLOW

HOT MACHINING
GS MACHINING
HOT MACHINING
RT FORMING TECHNIQUES

HOT PLASMAS
USE HIGH TEMPERATURE PLASMAS

HOT PRESSING
GS HARDENING (MATERIALS)
HOT PRESSING
RT COINING
COLD PRESSING
COMPACTING
FORGING
METAL WORKING
∞ PRESSING
PRESSING (FORMING)
SINTERING
STAMPING
UPSETTING

HOT STARS
GS CELESTIAL BODIES
STARS
HOT STARS
B STARS
BLUE STARS
SYMBIOTIC STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
RT CATAclysmic VARIABLES
PECULIAR STARS
RED DWARF STARS

HOT SURFACES
RT HEAT TRANSFER
RAYLEIGH-BENARD CONVECTION
∞ SURFACES

HOT WATER ROCKET ENGINES
 GS ENGINES
 ROCKET ENGINES
 HOT WATER ROCKET ENGINES

HOT WEATHER
 GS WEATHER
 HOT WEATHER
 RT HEAT STROKE
 SUMMER
 TROPICAL REGIONS

HOT WORKING
 UF HOT FORMING
 GS FORMING TECHNIQUES
 HOT WORKING
 RT BULGING
 FORGING
 METAL DRAWING
 METAL SPINNING
 METAL WORKING
 PULTRUSION
 SHEARING
 UPSETTING

HOT-FILM ANEMOMETERS
 GS DISPLAY DEVICES
 SPEED INDICATORS
 ANEMOMETERS
 HOT-FILM ANEMOMETERS
 MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
 SPEED INDICATORS
 ANEMOMETERS
 HOT-FILM ANEMOMETERS
 RT FLOW MEASUREMENT
 METEOROLOGICAL INSTRUMENTS
 SONIC ANEMOMETERS
 VELOCITY MEASUREMENT
 WIND (METEOROLOGY)
 WIND MEASUREMENT
 WIND VANES
 WIND VELOCITY
 WIND VELOCITY MEASUREMENT

HOT-WIRE ANEMOMETERS
 GS AIRCRAFT INSTRUMENTS
 SPEED INDICATORS
 ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 DISPLAY DEVICES
 SPEED INDICATORS
 ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
 SPEED INDICATORS
 ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 RT FLOW MEASUREMENT
 FLOWMETERS
 METEOROLOGICAL INSTRUMENTS
 VELOCITY MEASUREMENT

HOT-WIRE FLOWMETERS
 UF HOT-WIRE TURBULENCE METERS
 GS MEASURING INSTRUMENTS
 FLOWMETERS
 HOT-WIRE FLOWMETERS
 RT PIRANI GAGES
 PLASMA ELECTRODES
 THERMAL CONDUCTIVITY
 TURBULENCE METERS

HOT-WIRE TURBULENCE METERS
 USE HOT-WIRE FLOWMETERS
 TURBULENCE METERS

HOTSHOT WIND TUNNELS
 GS TEST FACILITIES
 WIND TUNNELS
 HYPERSONIC WIND TUNNELS
 HOTSHOT WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 HOTSHOT WIND TUNNELS
 RT BLOWDOWN WIND TUNNELS
 SHOCK TUBES
 SHOCK TUNNELS

HOUD DOG MISSILE
 GS MISSILES
 AIR TO SURFACE MISSILES
 HOUD DOG MISSILE
 RT TURBOJET ENGINES

HOUSEHOLDER TRANSFORMATIONS
 GS TRANSFORMATIONS (MATHEMATICS)
 HOUSEHOLDER TRANSFORMATIONS
 RT PROBLEM SOLVING

HOUSEKEEPING (SPACECRAFT)
 GS CLEANING
 HOUSEKEEPING (SPACECRAFT)
 CLEANLINESS
 HOUSEKEEPING (SPACECRAFT)
 STERILIZATION
 HOUSEKEEPING (SPACECRAFT)
 WASHING
 HOUSEKEEPING (SPACECRAFT)
 RT HYGIENE
 SANITATION

HOUSINGS
 GS **HOUSINGS**
 COWLINGS
 DOGHOUSES (ELECTRONICS)
 RADOMES
 RT ∞ CONTAINERS
 COVERINGS
 DOMES (STRUCTURAL FORMS)
 ENCLOSURE
 ENCLOSURES
 FAIRINGS
 GUARDS (SHIELDS)
 NACELLES
 PERFORATED SHELLS
 PROTECTION
 PROTECTOR
 PROTUBERANCES
 SHELLS (STRUCTURAL FORMS)
 SHIELDING
 WALLS

HOUSTON (TX)
 GS CITIES
 HOUSTON (TX)
 RT TEXAS

HOVERCRAFT
 USE GROUND EFFECT MACHINES

HOVERCRAFT GROUND EFFECT MACHINES
 UF HD-1 GROUND EFFECT MACHINES
 GS GROUND EFFECT MACHINES
 HOVERCRAFT GROUND EFFECT MACHINES
 RT ∞ AIRCRAFT
 RESEARCH AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

HOVERING
 GS MANEUVERS
 HOVERING
 RT AERODYNAMIC STABILITY
 CUSHIONCRAFT GROUND EFFECT
 MACHINE
 FLUTTER
 GROUND EFFECT MACHINES
 HOVERING ROCKET VEHICLES
 V/STOL AIRCRAFT
 VERTICAL FLIGHT
 WHIRL TOWERS

HOVERING ROCKET VEHICLES
 GS ROCKET VEHICLES
 HOVERING ROCKET VEHICLES
 RT HOVERING
 SOFT LANDING SPACECRAFT
 ∞ VEHICLES

HOVERING STABILITY
 GS DYNAMIC CHARACTERISTICS
 DYNAMIC STABILITY
 MOTION STABILITY
 AIRCRAFT STABILITY
 HOVERING STABILITY
 STABILITY
 DYNAMIC STABILITY
 MOTION STABILITY
 AIRCRAFT STABILITY
 HOVERING STABILITY
 RT ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 WHIRL TOWERS

HOWITZERS
 GS WEAPONS
 ARTILLERY
 HOWITZERS
 GUNS (ORDNANCE)
 HOWITZERS
 RT BALLISTICS
 GUN LAUNCHERS
 GUNNERY TRAINING

HP-115 AIRCRAFT
 UF HANDLEY PAGE HP-115 AIRCRAFT
 GS HANDLEY PAGE AIRCRAFT
 HP-115 AIRCRAFT
 JET AIRCRAFT
 HP-115 AIRCRAFT
 MONOPLANES
 HP-115 AIRCRAFT
 RESEARCH AIRCRAFT
 HP-115 AIRCRAFT
 TAILLESS AIRCRAFT
 HP-115 AIRCRAFT
 RT ∞ AIRCRAFT
 WING PLANFORMS

HPRR
 USE HEALTH PHYSICS RESEARCH REACTOR

HR DIAGRAM
 USE HERTZSPRUNG-RUSSELL DIAGRAM

HRB-1 HELICOPTER
 USE CH-46 HELICOPTER

HS-125 AIRCRAFT
 USE DH 125 AIRCRAFT

HS-748 AIRCRAFT
 UF AVRO WHITWORTH HS-748 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 HS-748 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
 HS-748 AIRCRAFT
 MONOPLANES
 HS-748 AIRCRAFT
 PASSENGER AIRCRAFT
 HS-748 AIRCRAFT
 RT ∞ AIRCRAFT

HS-801 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 HS-801 AIRCRAFT
 JET AIRCRAFT
 HS-801 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 HS-801 AIRCRAFT
 RT AERIAL RECONNAISSANCE
 ∞ AIRCRAFT
 OBSERVATION AIRCRAFT
 PHOTOGRAPHY
 PHOTORECONNAISSANCE

HSS-2 HELICOPTER
 USE SH-3 HELICOPTER

HTGR
 USE HIGH TEMPERATURE GAS COOLED
 REACTORS

HTPB PROPELLANTS
 GS PROPELLANTS
 SOLID PROPELLANTS
 SOLID ROCKET PROPELLANTS
 HTPB PROPELLANTS
 RT PLASTIC PROPELLANTS
 POLYBUTADIENE

HU-1 HELICOPTER
 USE UH-1 HELICOPTER

HUBBLE CONSTANT
 GS CONSTANTS
 HUBBLE CONSTANT
 RT COSMOLOGY
 GALAXIES
 RED SHIFT
 VELOCITY MEASUREMENT

HUBBLE DIAGRAM
 GS COSMOLOGY
 HUBBLE DIAGRAM
 RT BARRED GALAXIES
 GALACTIC RADIATION

HUBBLE SPACE TELESCOPE

HUBBLE DIAGRAM-(CONT)

GALAXIES
RED SHIFT
VELOCITY MEASUREMENT

HUBBLE SPACE TELESCOPE

UF LARGE SPACE TELESCOPE
LST
SPACE TELESCOPE
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HUBBLE SPACE TELESCOPE
TELESCOPES
SPACEBORNE TELESCOPES
HUBBLE SPACE TELESCOPE
RT FAINT OBJECT CAMERA
SPACE SHUTTLES
SPACE STATIONS
SPACEBORNE ASTRONOMY

HUBS

UF ROTOR HUBS
RT SPOKES
WHEELS

HUDSON RIVER (NY-NJ)

GS RIVERS
HUDSON RIVER (NY-NJ)
RT NEW JERSEY
NEW YORK

HUECKEL THEORY

RT ∞ THEORIES

HUGHES AIRCRAFT

UF HUGHES MILITARY AIRCRAFT
GS HUGHES AIRCRAFT
AH-64 HELICOPTER
H-17 HELICOPTER
OH-6 HELICOPTER
TH-55 HELICOPTER
XV-9A AIRCRAFT
RT ∞ AIRCRAFT

HUGHES MILITARY AIRCRAFT

USE HUGHES AIRCRAFT
MILITARY AIRCRAFT

HUGONIOT ADIABAT

USE HUGONIOT EQUATION OF STATE

HUGONIOT EQUATION OF STATE

UF HUGONIOT ADIABAT
GS EQUATIONS OF STATE
HUGONIOT EQUATION OF STATE
RT COMPRESSIBLE FLOW
∞ EQUATIONS
LOADS (FORCES)
ONE DIMENSIONAL FLOW
SHOCK WAVES

HUL

USE HARDWARE UTILIZATION LISTS

HULLS (STRUCTURES)

GS HULLS (STRUCTURES)
SHIP HULLS
RT AIRCRAFT STRUCTURES
BAYS (STRUCTURAL UNITS)
BULKHEADS
FUSELAGES
HYDROFOILS
KEELS
METAL SHELLS
PERFORATED SHELLS
SEAPLANES
SHELLS (STRUCTURAL FORMS)
SKIN (STRUCTURAL MEMBER)
STRAKES
SWATH (SHIP)

HUM

RT ACOUSTICS
∞ INTERFERENCE
∞ NOISE

HUMAN BEHAVIOR

GS BEHAVIOR
HUMAN BEHAVIOR
RT BOREDOM
DETACHMENT
DISORDERS
DITHERS

HUMAN BEHAVIOR-(CONT)

EMOTIONS
EXTROVERSION
INTROVERSION
LETHARGY
NEUROPSYCHIATRY
PANIC

HUMAN BEINGS

UF MAN
GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
HUMAN BEINGS
RT ABORIGINES
ANTHROPOLOGY
CENSUS
CHILDREN
CHIMPANZEES
CLINICAL MEDICINE
CULTURAL RESOURCES
DEMOGRAPHY
FEMALES
MAN ENVIRONMENT INTERACTIONS
PARENTS
PATIENTS
RACE FACTORS
RACES
YOUTH

HUMAN BODY

GS ANATOMY
HUMAN BODY
RT APPENDAGES
∞ BODIES
BODY MEASUREMENT (BIOLOGY)
EXERCISE PHYSIOLOGY
LIMBS (ANATOMY)
LUMBAR REGION
PHYSIOLOGY
POSTURE

HUMAN CENTRIFUGES

UF PILOTED CENTRIFUGES
GS CENTRIFUGES
HUMAN CENTRIFUGES
RT ACCELERATION TOLERANCE
ARTIFICIAL GRAVITY
HIGH GRAVITY ENVIRONMENTS

HUMAN ENGINEERING

USE HUMAN FACTORS ENGINEERING

HUMAN FACTORS ENGINEERING

UF ERGONOMICS
HUMAN ENGINEERING
GS HUMAN FACTORS ENGINEERING
MOTION SIMULATION
RT ABILITIES
∞ AERONAUTICS
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
ANTHROPOMETRY
ARCHITECTURE
ASTRONAUT MANEUVERING EQUIPMENT
ASTRONAUT PERFORMANCE
∞ ASTRONAUTICS
BIOENGINEERING
BIOFEEDBACK
BIONICS
BODY MEASUREMENT (BIOLOGY)
BRIGHTNESS
COLOR
COMFORT
CYBERNETICS
EDUCATION
EFFICIENCY
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
FATIGUE (BIOLOGY)
∞ FLIGHT STRESS
GLARE
ILLUMINATING
LIFE SUPPORT SYSTEMS
MAN MACHINE SYSTEMS
MANNED SPACE FLIGHT
MANUAL CONTROL
MONOCULAR VISION
NOISE (SOUND)
∞ PERFORMANCE
PILOT ERROR
PRODUCTION ENGINEERING
PSYCHOLOGICAL EFFECTS
SAFETY DEVICES

NASA THESAURUS (VOLUME 1)

HUMAN FACTORS ENGINEERING-(CONT)

SAFETY MANAGEMENT
SYSTEMS ENGINEERING
TELEOPERATORS
VISIBILITY
VISION
WHEELCHAIRS
WORKSTATIONS

HUMAN FACTORS LABORATORIES

GS LABORATORIES
HUMAN FACTORS LABORATORIES
RT ENVIRONMENTAL LABORATORIES

HUMAN PATHOLOGY

GS MEDICAL SCIENCE
PATHOLOGY
HUMAN PATHOLOGY
RT CHOLERA
CONVULSIONS
EPILEPSY
PATIENTS

HUMAN PERFORMANCE

GS HUMAN PERFORMANCE
ASTRONAUT PERFORMANCE
BLACKOUT PREVENTION
OPERATOR PERFORMANCE
PILOT PERFORMANCE
RT COMPETITION
INTRAVEHICULAR ACTIVITY
MENTAL HEALTH
MENTAL PERFORMANCE
∞ PERFORMANCE
PILOT ERROR
PSYCHOMOTOR PERFORMANCE
RACE FACTORS
SENSORIMOTOR PERFORMANCE
WORKLOADS (PSYCHOPHYSIOLOGY)

HUMAN REACTIONS

RT BIOLOGICAL EFFECTS
BOREDOM
COMPETITION
EMOTIONAL FACTORS
LAUGHING
NOISE POLLUTION
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
PSYCHOMOTOR PERFORMANCE
∞ REACTION
REACTION TIME
REWARD (PSYCHOLOGY)
SENSORIMOTOR PERFORMANCE
SHOCK (PHYSIOLOGY)
VACILLATION

HUMAN RELATIONS

UF INTERPERSONAL RELATIONS
RT EMPLOYEE RELATIONS
PERSONNEL MANAGEMENT
SOCIOLOGY

HUMAN RESOURCES

RT MANPOWER

HUMAN TOLERANCES

GS TOLERANCES (PHYSIOLOGY)
HUMAN TOLERANCES
RT ∞ ACCELERATION
ACCELERATION TOLERANCE
DIVING (UNDERWATER)
HEAT ACCLIMATIZATION
HEAT TOLERANCE
NOISE POLLUTION
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
RADIATION TOLERANCE
SHOCK (PHYSIOLOGY)

HUMAN WASTES

GS WASTES
METABOLIC WASTES
HUMAN WASTES
URINE
RT ACTIVATED SLUDGE
AIR POLLUTION
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
EXCRETION
LIQUID WASTES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
SEWAGE
SEWERS

NASA THESAURUS (VOLUME 1)

HYDRAULIC FLUIDS

HUMAN WASTES-(CONT)

SOLID WASTES
WASTE DISPOSAL

HUMASON COMET

GS CELESTIAL BODIES
COMETS
HUMASON COMET

HUMERUS

RT ARM (ANATOMY)
ELBOW (ANATOMY)

HUMIDITY

RT AIR CONDITIONING
ATMOSPHERIC DENSITY
ATMOSPHERIC MOISTURE
BODY TEMPERATURE
CLIMATOLOGY
COMFORT
CORROSION
DEHUMIDIFICATION
DROP SIZE
DRY HEAT
ENVIRONMENTS
HYGRAL PROPERTIES
HYGROMETERS
LAPSE RATE
METEOROLOGICAL PARAMETERS
METEOROLOGY
MOISTURE
MOISTURE CONTENT
MOISTURE METERS
PERSPIRATION
PRECIPITATION (METEOROLOGY)
PSYCHOLOGICAL EFFECTS
PSYCHROMETERS
REFRIGERATING
TEMPERATURE
VAPOR PRESSURE
WATER
WATER VAPOR
WEATHER FORECASTING

HUMIDITY MEASUREMENT

RT HYGROMETERS
MEASUREMENT
METEOROLOGICAL INSTRUMENTS
MOISTURE METERS
PSYCHROMETERS

HUMMINGBIRD AIRCRAFT

USE XV-4 AIRCRAFT

HUNGARY

GS NATIONS
HUNGARY
RT CENTRAL EUROPE
EUROPE

HUNTER F-2 AIRCRAFT

USE F-2 AIRCRAFT

HUNTING H-126 AIRCRAFT

USE H-126 AIRCRAFT

HUNTING P-84 AIRCRAFT

USE JET PROVOST AIRCRAFT

HURRICANES

GS STORMS
CYCLONES
HURRICANES
ANNA HURRICANE
STORMS (METEOROLOGY)
TROPICAL STORMS
HURRICANES
ANNA HURRICANE
RT CLIMATOLOGY
METEOROLOGY
STORM DAMAGE
STORM SURGES
TORNADOES
TYPHOONS

HUS-1 HELICOPTER

USE UH-34 HELICOPTER

HUSKIE HELICOPTER

USE HH-43 HELICOPTER

HUSTLER AIRCRAFT

USE B-58 AIRCRAFT

HUYGENS PRINCIPLE

RT DIFFRACTION
OPTICS
POINT SOURCES
REFRACTION
SCATTERING
SCHELKUNOFF PRINCIPLE
SPHERICAL WAVES
WAVE FRONTS
WAVE PROPAGATION

HU2K-1 HELICOPTER

USE UH-2 HELICOPTER

HVITTIS CHONDRITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
HVITTIS CHONDRITE

HYBRID CIRCUITS

GS CIRCUITS
HYBRID CIRCUITS
RT ELECTRONIC PACKAGING
PRINTED CIRCUITS
SEMICONDUCTOR DEVICES
TRANSISTOR CIRCUITS

HYBRID COMBUSTION

USE HYBRID PROPELLANT ROCKET ENGINES

HYBRID COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
HYBRID COMPUTERS
RT ANALOG COMPUTERS
DIGITAL COMPUTERS

HYBRID NAVIGATION SYSTEMS

GS NAVIGATION
HYBRID NAVIGATION SYSTEMS
RT NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SYSTEMS

HYBRID PROPELLANT ROCKET ENGINES

UF HYBRID COMBUSTION
GS ENGINES
ROCKET ENGINES
HYBRID PROPELLANT ROCKET ENGINES
LITHERGOL ROCKET ENGINES
RT BOOSTER ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
JET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SUSTAINER ROCKET ENGINES
VERNIER ENGINES

HYBRID PROPELLANTS

UF LITHERGOLIC PROPELLANTS
GS PROPELLANTS
HYBRID PROPELLANTS
RT CASE BONDED PROPELLANTS
CHEMICAL FUELS
CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HIGH ENERGY FUELS
HIGH ENERGY PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
METAL FUELS
METAL PROPELLANTS
SOLID PROPELLANT IGNITION
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

HYBRID PROPULSION

UF DUAL MODE PROPULSION
GS PROPULSION
CHEMICAL PROPULSION
HYBRID PROPULSION
RT JET ENGINES
LASER PROPULSION
ROCKET ENGINES

HYBRID ROCKET ENGINES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

HYBRID ROCKET ENGINES-(CONT)

RT DUCTED ROCKET ENGINES

HYBRID STRUCTURES

RT COMPOSITE STRUCTURES
ELASTIC PROPERTIES
FLEXIBLE BODIES
RIGID STRUCTURES
STRUCTURAL STABILITY
STRUCTURES

HYBRIDS (BIOLOGY)

USE GENETIC ENGINEERING

HYDRATES

RT AQUEOUS SOLUTIONS
WATER

HYDRATION

RT CHEMICAL REACTIONS
DEHYDRATION
HYDROLYSIS

HYDRAULIC ACTUATORS

USE ACTUATORS
HYDRAULIC EQUIPMENT

HYDRAULIC ANALOGIES

GS ANALOGIES
HYDRAULIC ANALOGIES
RT COMPUTERIZED SIMULATION
FLOW VISUALIZATION
FLUERIC
FLUIDICS
GAS FLOW
NUMERICAL FLOW VISUALIZATION
WAVE PROPAGATION

HYDRAULIC CONTROL

UF ELECTROHYDRAULIC CONTROL
RT AUTOMATIC CONTROL
CONTROL
ELECTRONIC CONTROL
ENGINE CONTROL
FLUID POWER
FLUIDICS
HYDRAULICS
PNEUMATIC CONTROL
REMOTE CONTROL
SOLENOID VALVES

HYDRAULIC EQUIPMENT

UF HYDRAULIC ACTUATORS
HYDRAULIC HEATING SOURCES
HYDRAULIC PUMPS
HYDRAULIC SYSTEMS
HYDRAULIC VALVES
GS HYDRAULIC EQUIPMENT
AIRCRAFT HYDRAULIC SYSTEMS
RT AIRBORNE EQUIPMENT
AUTOMATIC CONTROL VALVES
COCKS
CUSHIONS
EQUIPMENT
FLUID AMPLIFIERS
FLUID POWER
FLUID SWITCHING ELEMENTS
FLY BY TUBE CONTROL
GATES (OPENINGS)
HYDRAULICS
MOTORS
NETWORK ANALYSIS
NETWORK SYNTHESIS
NETWORKS
PUMPS
RELIEF VALVES
SERVOCONTROL
SERVOMECHANISMS
SHOCK ABSORBERS
SYSTEMS
TURBINE WHEELS
VALVES
WATER HAMMER
WHEEL BRAKES

HYDRAULIC FLUIDS

GS LIQUIDS
HYDRAULIC FLUIDS
SKYDROL (TRADEMARK)
RT FLUID PRESSURE
FLUID TRANSMISSION LINES
FLUIDS
HIGH TEMPERATURE FLUIDS
HYDRAULICS

HYDRAULIC HEATING SOURCES

HYDRAULIC FLUIDS-(CONT)

OILS
PATCH TESTS
TRANSMISSION FLUIDS
WORKING FLUIDS

HYDRAULIC HEATING SOURCES

USE HEAT SOURCES
HYDRAULIC EQUIPMENT

HYDRAULIC JETS

UF WATER JETS
GS FLUID JETS
RT **HYDRAULIC JETS**
JET FLOW

HYDRAULIC PUMPS

USE HYDRAULIC EQUIPMENT
PUMPS

HYDRAULIC SHOCK

GS MECHANICAL SHOCK
HYDRAULIC SHOCK

HYDRAULIC SYSTEMS

USE HYDRAULIC EQUIPMENT

HYDRAULIC TEST TUNNELS

UF WATER TUNNELS
GS TEST FACILITIES
RT **HYDRAULIC TEST TUNNELS**
TUNNELS

HYDRAULIC VALVES

USE HYDRAULIC EQUIPMENT
VALVES

HYDRAULICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT FLUID DYNAMICS
FLUID FLOW
FLUID MECHANICS
FLUID POWER
HYDRAULIC CONTROL
HYDRAULIC EQUIPMENT
HYDRAULIC FLUIDS
HYDRODYNAMIC RAM EFFECT
HYDRODYNAMICS
HYDROLOGY
HYDROMECHANICS
HYDROSTATICS
IMPEDANCE
INFLUENCE COEFFICIENT
LIMNOLOGY
MECHANICS (PHYSICS)
PIPES (TUBES)
PNEUMATICS
PRESSURE HEADS
THERMOHYDRAULICS
WATER
WATER FLOW
WATER PRESSURE

HYDRAZIDES

GS ALIPHATIC COMPOUNDS
HYDRAZIDES
RT HYDRAZINES

HYDRAZINE BORANE

GS ALIPHATIC COMPOUNDS
HYDRAZINES
HYDRAZINE BORANE
BORON COMPOUNDS
BORON HYDRIDES
BORANES
HYDRAZINE BORANE
HYDROGEN COMPOUNDS
HYDRIDES
BORON HYDRIDES
BORANES
HYDRAZINE BORANE

HYDRAZINE ENGINES

UF NIMPHE (ENGINE)
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDRAZINE ENGINES
RT TURBOROCKET ENGINES

HYDRAZINE NITRATE

GS NITROGEN COMPOUNDS
NITRATES
INORGANIC NITRATES
HYDRAZINE NITRATE

HYDRAZINE NITROFORM

GS ALIPHATIC COMPOUNDS
HYDRAZINE NITROFORM
ESTERS
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM
EXPLOSIVES
HYDRAZINE NITROFORM
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM
PROPELLANTS
HYDRAZINE NITROFORM

HYDRAZINE PERCHLORATES

GS ALIPHATIC COMPOUNDS
HYDRAZINES
HYDRAZINE PERCHLORATES
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
PERCHLORATES
HYDRAZINE PERCHLORATES

HYDRAZINES

GS ALIPHATIC COMPOUNDS
HYDRAZINES
CHLORPROMAZINE
DIHYDRAZINE
DIMETHYLHYDRAZINES
ETHYLENE DIHYDRAZINE
HYDRAZINE BORANE
HYDRAZINE PERCHLORATES
METHYLHYDRAZINE
TETRAFLUOROHYDRAZINE
RT AEROZINE
AMINES
HYDRAZIDES
HYDRAZONES
LIQUID ROCKET PROPELLANTS
ROCKET PROPELLANTS

HYDRAZINIUM COMPOUNDS

GS NITROGEN COMPOUNDS
HYDRAZINIUM COMPOUNDS
RT CHEMICAL COMPOUNDS

HYDRAZOIC ACID

GS ACIDS
HYDRAZOIC ACID
NITROGEN COMPOUNDS
HYDRAZOIC ACID
RT NITROGEN HYDRIDES

HYDRAZONES

GS NITROGEN COMPOUNDS
HYDRAZONES
RT HYDRAZINES

HYDRAZONIUM COMPOUNDS

RT CHEMICAL COMPOUNDS

HYDRIDES

GS HYDROGEN COMPOUNDS
HYDRIDES
BOROHYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORON HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORANES
CARBORANE
HYDRAZINE BORANE
PENTABORANES
DIBORANE
DIHYDRIDES
METAL HYDRIDES
ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES
NITROGEN HYDRIDES

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HYDRIDES-(CONT)

PHOSPHINES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
ZIRCONIUM HYDRIDES
RT DEUTERIDES
HYDROGEN PRODUCTION

HYDROACOUSTICS

USE UNDERWATER ACOUSTICS

HYDROAEROMECHANICS

USE AERODYNAMICS

HYDROBALLISTICS

GS BALLISTICS
HYDROBALLISTICS
RT BALLISTIC RANGES
HYDRODYNAMICS
TORPEDOES
UNDERWATER EXPLOSIONS
UNDERWATER TRAJECTORIES

HYDROBAROPHONES

USE HYDROPHONES

HYDROBORATION

GS CHEMICAL REACTIONS
HYDROBORATION

HYDROBROMIC ACID

GS ACIDS
HYDROBROMIC ACID
HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
HYDROBROMIC ACID
HALIDES
BROMIDES
HYDROBROMIC ACID

HYDROBROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
HYDROBROMIDES
HALIDES
BROMIDES
HYDROBROMIDES
HYDROGEN COMPOUNDS
HYDROBROMIDES

HYDROCARBON COMBUSTION

GS COMBUSTION
HYDROCARBON COMBUSTION
RT EXPLOSIONS
FUEL COMBUSTION
OXIDATION
PROPELLANT COMBUSTION
SMOG

HYDROCARBON FUEL PRODUCTION

GS **HYDROCARBON FUEL PRODUCTION**
ATMOSPHERIC ENERGY SOURCES
RT AGRICULTURE
BIOCONVERSION
BIOMASS ENERGY PRODUCTION
ENERGY TECHNOLOGY
HYDROGEN FUELS
LIGNITE
SOLVENT REFINED COAL
WASTE UTILIZATION

HYDROCARBON FUELS

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
DIESEL FUELS
GASOLINE
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
RP-1 ROCKET PROPELLANTS
SYNTHANE
RT ACETYLENE
AIRCRAFT FUELS
ALKANES
AMINES
AUTOMOBILE FUELS
BUTADIENE
CLEAN FUELS

HYDROCARBON FUELS-(CONT)

COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
CRUDE OIL
ENDOTHERMIC FUELS
ENERGY POLICY
ENVIRONMENTAL CHEMISTRY
ETHANE
ETHYLENE
FUEL PRODUCTION
HEPTANES
HEXENES
HIGH ENERGY FUELS
HYDROGEN FUELS
HYDROGEN-BASED ENERGY
HYPERGOLIC ROCKET PROPELLANTS
KEROGEN
KEROSENE
LIGNITE
LIQUEFIED NATURAL GAS
METHANATION
METHANE
NATURAL GAS
PARAFFINS
PROPANE
RETORT PROCESSING
ROCKET PROPELLANTS
SHALE OIL
STORABLE PROPELLANTS
SYNTHETIC FUELS

HYDROCARBON POISONING

RT BENZENE POISONING
INDUSTRIAL SAFETY
∞ POISONING
SMOG
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

HYDROCARBONS

GS **HYDROCARBONS**
ACETYLENE
ALKANES
BUTANES
CETANE
ETHANE
HEPTANES
HEXENES
METHANE
NITROPROPANE
NONANES
OCTANES
PARAFFINS
CERESIN
PENTANES
NEOPENTANE
PROPANE
ALKENES
BUTADIENE
BUTENES
ETHYLENE
VINYLIDENE
HEXENES
PROPYLENE
TRIENES
ALKYNES
OXYACETYLENE
BENZENE
CAROTENE
CHLOROBENZENES
CUBANE
CYCLIC HYDROCARBONS
ANTHRACENE
COLCHICINE
CYCLOBUTANE
CYCLOPROPANE
MENTHOL
NAPHTHENES
CYCLOHEXANE
DIENES
BUTADIENE
HEPTADIENE
HEXADIENE
DIPHENYL COMPOUNDS
DIPHENYL HYDANTOIN
DURENE
INDENE
KEROGEN
MESITYLENE
METHYLENE
NAPHTHALENE
NATURAL GAS
LIQUEFIED NATURAL GAS
PHENANTHRENE

HYDROCARBONS-(CONT)

PYRENES
QUINOXALINES
STILBENE
TOLUENE
TRIPHENYLS
XYLENE
RT ALIPHATIC COMPOUNDS
∞ AROMATIC COMPOUNDS
CARBON COMPOUNDS
CRACKING (CHEMICAL ENGINEERING)
ORGANIC PEROXIDES

HYDROCHLORIC ACID

GS ACIDS
HYDROCHLORIC ACID
HALOGEN COMPOUNDS
HALIDES
CHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID

HYDROCHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
HYDROCHLORIDES
HALIDES
CHLORIDES
HYDROCHLORIDES
RT HYDROGEN CHLORIDES

HYDROCLIMATOLOGY

RT AGROCLIMATOLOGY
CLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
METEOROLOGY
OCEANOGRAPHY

HYDROCRACKING

GS FRACTIONATION
HYDROCRACKING
RT COAL GASIFICATION
COAL LIQUEFACTION

HYDROCYANIC ACID

UF HYDROGEN CYANIDES
PRUSSIC ACID
GS ACIDS
HYDROCYANIC ACID
HYDROGEN COMPOUNDS
HYDROCYANIC ACID
NITROGEN COMPOUNDS
HYDROCYANIC ACID
RT CN EMISSION
HCN LASERS

HYDRODYNAMIC COEFFICIENTS

RT COMPUTATIONAL FLUID DYNAMICS
∞ DRAG COEFFICIENTS
FLOW DISTRIBUTION
FLOW VELOCITY
LIQUID FLOW
SEA ROUGHNESS
SHIP HULLS
STEADY FLOW
UNSTEADY FLOW
WATER WAVES

HYDRODYNAMIC EQUATIONS

GS EQUATIONS OF MOTION
KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
RT BOLTZMANN TRANSPORT EQUATION
∞ EQUATIONS
FLOW STABILITY
FLOW THEORY
FLUID MECHANICS
GAS DYNAMICS
HYDRODYNAMICS
METEOROLOGY
PLASMA DYNAMICS

HYDRODYNAMIC RAM EFFECT

RT ∞ EFFECTS
FLUID FILLED SHELLS
∞ HYDRAULICS
HYPERVELOCITY IMPACT
IMPACT
KINETIC ENERGY
LIQUID FILLED SHELLS
MOMENTUM TRANSFER
PENETRATION

HYDRODYNAMIC STABILITY
USE FLOW STABILITY

HYDRODYNAMIC TUNNELS

USE PLASMA JET WIND TUNNELS

HYDRODYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
CYLINDRICAL PLASMAS
HYDROMECHANICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
RT BALLAST (MASS)
∞ DYNAMICS
EULER EQUATIONS OF MOTION
FLOW THEORY
FLUID FLOW
FLUID POWER
GAS DYNAMICS
∞ HYDRAULICS
HYDROBALLISTICS
HYDRODYNAMIC EQUATIONS
HYDROSTATICS
KROOK EQUATION
LAGRANGE COORDINATES
∞ MECHANICS (PHYSICS)
OCEAN DYNAMICS
PRESSURE GRADIENTS
PRESSURE HEADS
SEEPAGE
SHIP HULLS
THERMOHYDRAULICS
WATER
WATER FLOW
WATER HAMMER
WATER PRESSURE

HYDROELASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
HYDROELASTICITY
RT COMPRESSIBILITY
COMPRESSIBLE FLUIDS
MODULUS OF ELASTICITY
THERMOELASTICITY
VISCOELASTICITY

HYDROELECTRIC POWER STATIONS

UF HYDROPOWER STATIONS
GS STATIONS
HYDROELECTRIC POWER STATIONS
RT ELECTRIC POWER PLANTS
ELECTRIC POWER TRANSMISSION
HYDROELECTRICITY
∞ POWER PLANTS
∞ POWER TRANSMISSION
TURBOGENERATORS
WATER WHEELS

HYDROELECTRICITY

GS ELECTRICITY
HYDROELECTRICITY
RT DAMS
ELECTRIC CURRENT
∞ ELECTRIC POWER
HYDROELECTRIC POWER STATIONS
∞ POWER PLANTS
TURBOGENERATORS

HYDROFLUORIC ACID

UF HYDROGEN FLUORIDES
GS ACIDS
HYDROFLUORIC ACID
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
HYDROFLUORIC ACID
HALIDES
FLUORIDES
HYDROFLUORIC ACID

HYDROFOIL BOATS

USE HYDROFOIL CRAFT

HYDROFOIL CRAFT

UF HYDROFOIL BOATS
RT CAPTURED AIR BUBBLE VEHICLES
HYDROFOILS

HYDROFOIL OSCILLATIONS

HYDROFOIL CRAFT-(CONT)

HYDROPLANES (VEHICLES)
SHIPS

HYDROFOIL OSCILLATIONS

GS OSCILLATIONS
HYDROFOIL OSCILLATIONS
RT FLOW STABILITY
FLUTTER
HYDROFOILS
SUPERCAVITATING FLOW

HYDROFOILS

GS **HYDROFOILS**
KEELS
RT AIRFOILS
∞ BLADES
ELEVATORS (CONTROL SURFACES)
FINS
∞ FOILS
FOILS (MATERIALS)
GUIDE VANES
HULLS (STRUCTURES)
HYDROFOIL CRAFT
HYDROFOIL OSCILLATIONS
HYDROPLANES (SURFACES)
HYDROPLANING
LANDING GEAR
MARINE RUDDERS
SHIPS
SKIS
STREAMLINING
TAIL ASSEMBLIES

HYDROFORMING

GS METAL WORKING
HYDROFORMING
RT DEHYDROGENATION

HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
GASES
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
RT BALMER SERIES
FUELS
HYDROGENATION
HYDROGENOLYSIS
HYDRONIUM IONS
METALLICITY
NEPTUNE ATMOSPHERE
PASCHEN SERIES
RYDBERG SERIES
SYNTHANE
URANUS ATMOSPHERE

HYDROGEN AIR FUEL CELLS

USE HYDROGEN OXYGEN FUEL CELLS

HYDROGEN ATOMS

GS ATOMS
HYDROGEN ATOMS
CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ATOMS
GASES
HYDROGEN
HYDROGEN ATOMS

HYDROGEN AZIDES

GS EXPLOSIVES
HYDROGEN AZIDES

HYDROGEN AZIDES-(CONT)

NITROGEN COMPOUNDS
AZIDES (INORGANIC)
HYDROGEN AZIDES
PROPELLANTS
HYDROGEN AZIDES

HYDROGEN BOMBS

USE FUSION WEAPONS

HYDROGEN BONDS

GS CHEMICAL BONDS
HYDROGEN BONDS

HYDROGEN CHLORIDES

GS HALOGEN COMPOUNDS
HALIDES
CHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID
RT HYDROCHLORIDES

HYDROGEN CLOUDS

GS CLOUDS
HYDROGEN CLOUDS
RT CLOUDS (METEOROLOGY)
DROP SIZE
GALACTIC ROTATION
GASES
MOLECULAR CLOUDS
PLASMA CLOUDS
SPIN TEMPERATURE
VAPOR PHASES
VAPORS

HYDROGEN COMPOUNDS

GS **HYDROGEN COMPOUNDS**
DEUTERIUM COMPOUNDS
DEUTERIDES
DEUTERIUM FLUORIDES
HEAVY WATER
HYDRIDES
BOROHYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORON HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORANES
CARBORANE
HYDRAZINE BORANE
PENTABORANES
DIBORANE
DIHYDRIDES
METAL HYDRIDES
ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES
NITROGEN HYDRIDES
PHOSPHINES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
ZIRCONIUM HYDRIDES
HYDROBROMIDES
HYDROCYANIC ACID
HYDROGEN PEROXIDE
HYDROGEN SULFIDE
HYDROSULFITES
LIGHT WATER
RT ACIDS
∞ CHEMICAL COMPOUNDS
WATER

HYDROGEN CYANIDES

USE HYDROCYANIC ACID

HYDROGEN DEUTERIUM OXIDE

USE HEAVY WATER

HYDROGEN EMBRITTLEMENT

RT CHEMISORPTION
GAS-METAL INTERACTIONS
IRON
STEELS

HYDROGEN ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES

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HYDROGEN ENGINES-(CONT)

GAS TURBINE ENGINES
HYDROGEN ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILES

HYDROGEN FLUORIDES

USE HYDROFLUORIC ACID

HYDROGEN FUELS

GS FUELS
CHEMICAL FUELS
LIQUID FUELS
HYDROGEN FUELS
RT CRYOGENIC ROCKET PROPELLANTS
DEUTERIUM
FUEL CELLS
FUEL PRODUCTION
GASEOUS ROCKET PROPELLANTS
GELLED PROPELLANTS
HYDROCARBON FUEL PRODUCTION
HYDROCARBON FUELS
HYDROGEN-BASED ENERGY
LIQUID HYDROGEN
LIQUID ROCKET PROPELLANTS
RAMJET ENGINES

HYDROGEN IONS

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN IONS
GASES
HYDROGEN
HYDROGEN IONS
IONS
HYDROGEN IONS
RT ACIDITY
HYDRONIUM IONS
PH
PH FACTOR
POSITIVE IONS
PROTONS

HYDROGEN ISOTOPES

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM
NUCLIDES
ISOTOPES
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
GASES
HYDROGEN
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM

HYDROGEN MASERS

GS STIMULATED EMISSION DEVICES
MASERS
GAS MASERS
HYDROGEN MASERS

HYDROGEN METABOLISM

GS METABOLISM
HYDROGEN METABOLISM
RT CARBOHYDRATE METABOLISM
NITROGEN METABOLISM
OXYGEN METABOLISM
RESPIRATION
SECRECTIONS

HYDROGEN OXYGEN ENGINES

UF HYDROX ENGINES
LOX-HYDROGEN ENGINES
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDROGEN OXYGEN ENGINES
J-2 ENGINE
M-1 ENGINE
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
RT AUXILIARY PROPULSION
LIQUID AIR CYCLE ENGINES
TURBOJET ENGINES

HYDROGEN OXYGEN FUEL CELLS

- UF HYDROGEN AIR FUEL CELLS
- GS ELECTRIC GENERATORS
 - DIRECT POWER GENERATORS
 - FUEL CELLS
- HYDROGEN OXYGEN FUEL CELLS
- ELECTROCHEMICAL CELLS
- FUEL CELLS
- HYDROGEN OXYGEN FUEL CELLS
- RT PHOSPHORIC ACID FUEL CELLS

HYDROGEN PERCHLORATE

- GS HALOGEN COMPOUNDS
 - CHLORINE COMPOUNDS
 - PERCHLORATES
- HYDROGEN PERCHLORATE

HYDROGEN PEROXIDE

- GS CHALCOGENIDES
 - OXIDES
 - DIOXIDES
- HYDROGEN PEROXIDE
- HYDROGEN COMPOUNDS
- HYDROGEN PEROXIDE
- RT ROCKET OXIDIZERS

HYDROGEN PLASMA

- GS CHEMICAL ELEMENTS
 - HYDROGEN
 - HYDROGEN PLASMA
 - DEUTERIUM PLASMA
- GASES
 - HYDROGEN
 - HYDROGEN PLASMA
 - DEUTERIUM PLASMA
- RT ARGON PLASMA
 - DEUTERIUM
 - HELIUM PLASMA
 - OXYGEN PLASMA
 - SOLAR WIND
 - STARK EFFECT

HYDROGEN PRODUCTION

- RT ELECTROLYSIS
 - ENERGY CONVERSION
 - FUELS
 - HYDRIDES
 - HYDROGEN-BASED ENERGY
 - HYDROLYSIS
 - LIGNITE
 - SOLAR ENERGY CONVERSION
 - THERMAL DISSOCIATION

HYDROGEN RECOMBINATIONS

- GS RECOMBINATION REACTIONS
 - HYDROGEN RECOMBINATIONS

HYDROGEN SULFIDE

- GS CHALCOGENIDES
 - SULFIDES
 - INORGANIC SULFIDES
- HYDROGEN SULFIDE
- HYDROGEN COMPOUNDS
- HYDROGEN SULFIDE
- SULFUR COMPOUNDS
- SULFIDES
- INORGANIC SULFIDES
- HYDROGEN SULFIDE

HYDROGEN 2

- USE DEUTERIUM

HYDROGEN 3

- USE TRITIUM

HYDROGEN 4

- GS CHEMICAL ELEMENTS
 - HYDROGEN
 - HYDROGEN ISOTOPES
- HYDROGEN 4
- NUCLIDES
- ISOTOPES
- HYDROGEN ISOTOPES
- HYDROGEN 4
- GASES
 - HYDROGEN
 - HYDROGEN ISOTOPES
- HYDROGEN 4

HYDROGEN-BASED ENERGY

- RT ∞ ENERGY
 - ENERGY TECHNOLOGY
 - FUEL CELLS
 - GAS MIXTURES

HYDROGEN-BASED ENERGY-(CONT)

- HYDROCARBON FUELS
- HYDROGEN FUELS
- HYDROGEN PRODUCTION
- LIQUID HYDROGEN
- NICKEL HYDROGEN BATTERIES

HYDROGENATION

- GS CHEMICAL REACTIONS
 - REDUCTION (CHEMISTRY)
- HYDROGENATION
- RT ASPHALTENES
 - CYCLOHEXANE
 - DEHYDROGENATION
 - HYDROGEN
 - REFINING

HYDROGENOLYSIS

- GS CHEMICAL REACTIONS
 - HYDROGENOLYSIS
 - DECOMPOSITION
- HYDROGENOLYSIS
- RT CRACKING (CHEMICAL ENGINEERING)
- DEHYDROGENATION
- HYDROGEN
- ∞ REDUCTION

HYDROGENOMONAS

- GS AUTOTROPHS
 - HYDROGENOMONAS
 - MICROORGANISMS
 - BACTERIA
- HYDROGENOMONAS

HYDROGEOLOGY

- UF MARINE GEOLOGY
- GS GEOLOGY
 - HYDROGEOLOGY
 - HYDROLOGY
 - HYDROGEOLOGY
- RT AQUIFERS
 - CORE SAMPLING
 - EROSION
 - FLOOD PLAINS
 - FLOOD PREDICTIONS
 - GEYSERS
 - GLACIOLOGY
 - HYDROLOGY MODELS
 - HYDROSTATICS
- ∞ SCIENCE
 - SOIL EROSION
 - STRATIGRAPHY
 - WATERSHEDS

HYDROGRAPHY

- RT GEOPHYSICS
 - HYDROCLIMATOLOGY
 - HYDROLOGY
 - HYDROMETEOROLOGY
 - ICE MAPPING
 - LIMNOLOGY
 - METEOROLOGY
 - OCEAN CURRENTS
 - OCEAN SURFACE
 - OCEANOGRAPHY

HYDROKINETICS

- USE HYDROMECHANICS

HYDROLOGY

- GS HYDROLOGY
 - HYDROGEOLOGY
- RT ALLUVIUM
 - AQUIFERS
 - CLIMATOLOGY
 - DRAINAGE
 - DRAINAGE PATTERNS
 - DROUGHT
 - EARTH HYDROSPHERE
 - EARTH PLANETARY STRUCTURE
 - FLOOD CONTROL
 - FLOOD DAMAGE
 - FLOOD PLAINS
 - FLOOD PREDICTIONS
 - FLOODS
 - GEOCHEMISTRY
 - GEOPHYSICS
 - GREAT SALT LAKE (UT)
- ∞ HYDRAULICS
 - HYDROCLIMATOLOGY
 - HYDROGRAPHY
 - HYDROMETEOROLOGY
 - ICE MAPPING
 - INTERNATIONAL HYDROLOGICAL
 - DECADE

HYDROLOGY-(CONT)

- LAKE ERIE
- LAKE HURON
- LAKE MICHIGAN
- LAKE ONTARIO
- LAKE SUPERIOR
- LIMNOLOGY
- MARINE CHEMISTRY
- METEOROLOGICAL PARAMETERS
- METEOROLOGY
- OCEANOGRAPHY
- POLAR METEOROLOGY
- PRECIPITATION (METEOROLOGY)
- RAIN
- STREAMS
- STRUCTURAL PROPERTIES (GEOLOGY)
- WATER
- WATER MANAGEMENT
- WATER RESOURCES
- WATERSHEDS

HYDROLOGY MODELS

- GS MODELS
- HYDROLOGY MODELS
- RT DRAINAGE
 - FLOODS
 - HYDROGEOLOGY
 - PRECIPITATION (METEOROLOGY)
 - RAIN
 - STREAMS
 - WATER FLOW

HYDROLYSIS

- GS CHEMICAL REACTIONS
 - HYDROLYSIS
- RT AMMONOLYSIS
 - CRACKING (CHEMICAL ENGINEERING)
 - EXTRACTION
 - HYDRATION
 - HYDROGEN PRODUCTION

HYDROMAGNETIC FLOW

- USE MAGNETOHYDRODYNAMIC FLOW

HYDROMAGNETIC STABILITY

- USE MAGNETOHYDRODYNAMIC STABILITY

HYDROMAGNETIC WAVES

- USE MAGNETOHYDRODYNAMIC WAVES

HYDROMAGNETICS

- USE MAGNETOHYDRODYNAMICS

HYDROMAGNETISM

- USE MAGNETOHYDRODYNAMICS

HYDROMECHANICS

- UF HYDROKINETICS
- GS FLUID MECHANICS
 - HYDROMECHANICS
 - HYDRODYNAMICS
 - ELASTOHYDRODYNAMICS
 - ELECTROHYDRODYNAMICS
 - MAGNETOHYDRODYNAMICS
 - HYDROSTATICS
 - MAGNETOHYDROSTATICS
- RT FLUID DYNAMICS
 - FLUID FLOW
 - ∞ HYDRAULICS
 - KINETICS
 - ∞ SCIENCE
 - WATER

HYDROMETALLURGY

- RT CHLORINATION
 - ELECTRODIALYSIS
 - FILTRATION
 - ION EXCHANGING
 - LEACHING
- ∞ METALLURGY
 - PRECIPITATION
 - PRECIPITATION (CHEMISTRY)
 - REFINING
 - SULFATION

HYDROMETEOROLOGY

- GS METEOROLOGY
 - HYDROMETEOROLOGY
 - MARINE METEOROLOGY
- RT AGROMETEOROLOGY
 - HYDROGRAPHY
 - HYDROLOGY
 - PRECIPITATION (CHEMISTRY)
 - PRECIPITATION (METEOROLOGY)

HYDROMETERS

HYDROMETEOROLOGY-(CONT)

WATER BALANCE

HYDROMETERS

GS MEASURING INSTRUMENTS
HYDROMETERS
 RT CHEMICAL ANALYSIS
 DENSITY (MASS/VOLUME)
 DENSITY MEASUREMENT
 WEIGHT MEASUREMENT

HYDRONIUM IONS

GS IONS
HYDRONIUM IONS
 RT HYDROGEN
 HYDROGEN IONS
 POSITIVE IONS

HYDROPHONES

UF HYDROBAROPHONES
 GS TRANSDUCERS
 SOUND TRANSDUCERS
 ELECTROACOUSTIC TRANSDUCERS
HYDROPHONES
 RT MICROPHONES
 SONAR
 SONOBUOYS

HYDROPLANES (SURFACES)

UF HYDROSKIS
 RT HYDROFOILS
 HYDROPLANING
 SKIS
 ∞ SYSTEMS

HYDROPLANES (VEHICLES)

RT HYDROFOIL CRAFT
 HYDROPLANING
 ∞ VEHICLES

HYDROPLANING

RT HYDROFOILS
 HYDROPLANES (SURFACES)
 HYDROPLANES (VEHICLES)
 SKID LANDINGS
 SKIDDING
 WATER LANDING

HYDROPONICS

RT AGRICULTURE
 AQUATIC PLANTS
 AQUICULTURE
 PLANTS (BOTANY)
 VEGETATION GROWTH

HYDROPOWER STATIONS

USE HYDROELECTRIC POWER STATIONS

HYDROPYROLYSIS

GS GASIFICATION
 COAL GASIFICATION
HYDROPYROLYSIS
 RT COAL
 COAL LIQUEFACTION
 LIGNITE
 METHANATION
 METHANE

HYDROSKIS

USE HYDROPLANES (SURFACES)

HYDROSPHERE (EARTH)

USE EARTH HYDROSPHERE

HYDROSPINNING

GS FORMING TECHNIQUES
 METAL SPINNING
HYDROSPINNING
 METAL WORKING
 METAL SPINNING
HYDROSPINNING
 SPIN
 METAL SPINNING
HYDROSPINNING

HYDROSTATIC PRESSURE

GS PRESSURE
 STATIC PRESSURE
HYDROSTATIC PRESSURE
 RT CENTER OF PRESSURE
 ELEVATION
 HEAD (FLUID MECHANICS)
 HYDROSTATICS
 ISOSTATIC PRESSURE

HYDROSTATIC PRESSURE-(CONT)

PRESSURE DEPENDENCE
 PRESSURE HEADS
 TRANSITION PRESSURE
 WATER PRESSURE

HYDROSTATICS

GS FLUID MECHANICS
 HYDROMECHANICS
HYDROSTATICS
 MAGNETOHYDROSTATICS
 STATICS
HYDROSTATICS
 MAGNETOHYDROSTATICS
 RT AEROSTATICS
 ELEVATION
 HEAD (FLUID MECHANICS)
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROGEOLOGY
 HYDROSTATIC PRESSURE
 ISOSTASY
 PRESSURE GRADIENTS
 PRESSURE HEADS
 WATER
 WATER PRESSURE

HYDROSULFITES

GS HYDROGEN COMPOUNDS
HYDROSULFITES
 SULFUR COMPOUNDS
 SULFITES
HYDROSULFITES

HYDROTHERMAL CRYSTAL GROWTH

GS GROWTH
 CRYSTAL GROWTH
HYDROTHERMAL CRYSTAL GROWTH
 RT ELECTROEPITAXY

HYDROTHERMAL STRESS ANALYSIS

RT HYDROTHERMAL SYSTEMS
 HYGRAL PROPERTIES
 HYGROSCOPICITY
 MOISTURE CONTENT
 MOISTURE RESISTANCE

HYDROTHERMAL SYSTEMS

RT AQUIFERS
 ENERGY CONVERSION
 GEOTHERMAL RESOURCES
 GEYSERS
 HEATING
 HYDROTHERMAL STRESS ANALYSIS
 SOLAR HEATING
 ∞ SYSTEMS

HYDROX ENGINES

USE HYDROGEN OXYGEN ENGINES

HYDROXIDES

GS **HYDROXIDES**
 LITHIUM HYDROXIDES
 POTASSIUM HYDROXIDES
 SODIUM HYDROXIDES
 RT ALKALIES

HYDROXYCORTICOSTEROID

GS SECRETIONS
 ENDOCRINE SECRETIONS
 HORMONES
HYDROXYCORTICOSTEROID
 STEROIDS
 CORTICOSTEROIDS
HYDROXYCORTICOSTEROID
 CORTISONE
 RT ADRENAL METABOLISM

HYDROXYL COMPOUNDS

GS **HYDROXYL COMPOUNDS**
 ALCOHOLS
 ETHYL ALCOHOL
 GLYCOLS
 ISOPROPYL ALCOHOL
 METHYL ALCOHOLS
 PHENOLS
 BISPHENOLS
 CRESOLS
 PHLOROGLUCINOL
 THYMOL
 POLYVINYL ALCOHOL
 TRIOLS
 CYANURIC ACID
 RT ALIPHATIC COMPOUNDS

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HYDROXYL COMPOUNDS-(CONT)

∞ CHEMICAL COMPOUNDS

HYDROXYL EMISSION

GS DECAY
 EMISSION
 RADIO EMISSION
HYDROXYL EMISSION
 ELECTROMAGNETIC RADIATION
 RADIO WAVES
 RADIO EMISSION
HYDROXYL EMISSION
 RT EMISSION SPECTRA
 RADIO SOURCES (ASTRONOMY)

HYDROXYL RADICALS

GS RADICALS
 FREE RADICALS
HYDROXYL RADICALS
 RT ALCOHOLS
 ∞ CHEMISTRY
 FORMYL IONS
 GLYCOLS
 IONS

HYDROXYLAMINE SULFATE

GS AMINES
HYDROXYLAMINE SULFATE
 SULFUR COMPOUNDS
 SULFATES
HYDROXYLAMINE SULFATE

HYDROXYLAMMONIUM PERCHLORATES

GS AMMONIUM COMPOUNDS
HYDROXYLAMMONIUM
PERCHLORATES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
HYDROXYLAMMONIUM
PERCHLORATES

HYGIENE

GS **HYGIENE**
 ORAL HYGIENE
 RT BATHING
 CLEANLINESS
 CONSUMABLES (SPACECREW SUPPLIES)
 HEALTH
 HOUSEKEEPING (SPACECRAFT)
 PUBLIC HEALTH
 SANITATION

HYGRAL PROPERTIES

RT HUMIDITY
 HYDROTHERMAL STRESS ANALYSIS
 MOISTURE
 POROSITY
 ∞ PROPERTIES

HYGROMETERS

GS MEASURING INSTRUMENTS
 MOISTURE METERS
HYGROMETERS
 PSYCHROMETERS
 RT CHEMICAL ANALYSIS
 DEW POINT
 HUMIDITY
 HUMIDITY MEASUREMENT
 METEOROLOGICAL INSTRUMENTS

HYGROSCOPICITY

RT CHEMICAL PROPERTIES
 HYDROTHERMAL STRESS ANALYSIS
 MATERIAL ABSORPTION
 MOISTURE CONTENT
 MOISTURE RESISTANCE
 ∞ PHYSICAL PROPERTIES
 SOLUBILITY
 WETTABILITY

HYLA-STAR ROCKET VEHICLE

GS LAUNCH VEHICLES
HYLA-STAR ROCKET VEHICLE
 ROCKET VEHICLES
 SINGLE STAGE ROCKET VEHICLES
HYLA-STAR ROCKET VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 TITAN 2 ICBM

HYLLERAAS COORDINATES

GS COORDINATES
HYLLERAAS COORDINATES
 RT QUANTUM MECHANICS

HYLLERAAS COORDINATES-(CONT)
TWO BODY PROBLEM

HYOSCINE

UF SCOPOLAMINE
GS AMINES
HYOSCINE
EPOXY COMPOUNDS
HYOSCINE
HETEROCYCLIC COMPOUNDS
ALKALOIDS
HYOSCINE
NITROGEN COMPOUNDS
ALKALOIDS
HYOSCINE

HYPERBARIC CHAMBERS

GS COMPARTMENTS
TEST CHAMBERS
PRESSURE CHAMBERS
HYPERBARIC CHAMBERS
RT ∞ CHAMBERS
HIGH PRESSURE
VACUUM CHAMBERS

HYPERBOLAS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CONICS
HYPERBOLAS
RT HYPERBOLIC TRAJECTORIES

HYPERBOLIC COORDINATES

UF HYPERBOLIC SPACE
GS COORDINATES
HYPERBOLIC COORDINATES

HYPERBOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
HYPERBOLIC DIFFERENTIAL
EQUATIONS
RT DIRICHLET PROBLEM
 ∞ EQUATIONS
WAVE EQUATIONS

HYPERBOLIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
HYPERBOLIC FUNCTIONS
REAL VARIABLES
HYPERBOLIC FUNCTIONS
FUNCTIONS (MATHEMATICS)
HYPERBOLIC FUNCTIONS
RT EXPONENTIAL FUNCTIONS
 ∞ HYPERBOLIC SYSTEMS
METHOD OF CHARACTERISTICS
ORTHOGONAL FUNCTIONS
RIEMANN WAVES
RIESZ THEOREM

HYPERBOLIC NAVIGATION

GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
DECCA NAVIGATION
LORAC NAVIGATION SYSTEM
LORAN
LORAN C
LORAN D
SHORAN
RT AIR NAVIGATION
 ∞ HYPERBOLIC SYSTEMS
INERTIAL NAVIGATION
SURFACE NAVIGATION

HYPERBOLIC REENTRY

GS ATMOSPHERIC ENTRY
REENTRY
HYPERBOLIC REENTRY
SPACE FLIGHT
HYPERBOLIC REENTRY
RT REENTRY TRAJECTORIES

HYPERBOLIC SPACE

USE HYPERBOLIC COORDINATES

 ∞ HYPERBOLIC SYSTEMS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT HYPERBOLIC FUNCTIONS

HYPERBOLIC SYSTEMS-(CONT)
HYPERBOLIC NAVIGATION
 ∞ SYSTEMS

HYPERBOLIC TRAJECTORIES

GS TRAJECTORIES
HYPERBOLIC TRAJECTORIES
RT CELESTIAL MECHANICS
ESCAPE VELOCITY
HYPERBOLAS
SPACECRAFT TRAJECTORIES

HYPERCAPNIA

GS CARBON DIOXIDE TENSION
HYPERCAPNIA
RT BLOOD
 ∞ BREATHING
RESPIRATORY RATE
RESPIRATORY SYSTEM

HYPERFINE STRUCTURE

RT ATOMIC STRUCTURE
FINE STRUCTURE
LINE SPECTRA
MUON SPIN ROTATION
SPECTRUM ANALYSIS
 ∞ STRUCTURES

HYPERGEOMETRIC FUNCTIONS

UF JACOBI POLYNOMIALS
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
HYPERGEOMETRIC FUNCTIONS
FUNCTIONS (MATHEMATICS)
HYPERGEOMETRIC FUNCTIONS
RT BESSEL FUNCTIONS
GEOMETRY
HYPERSPACES

HYPERGEOMETRY

USE HYPERSPACES

HYPERGLYCEMIA

GS METABOLISM
CARBOHYDRATE METABOLISM
HYPERGLYCEMIA

HYPERGOLIC ROCKET PROPELLANTS

GS LIQUIDS
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
HYPERGOLIC ROCKET
PROPELLANTS
PROPELLANTS
ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
HYPERGOLIC ROCKET
PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HYBRID PROPELLANTS
HYDROCARBON FUELS
PYROPHORIC MATERIALS
SOLID PROPELLANT IGNITION
SPONTANEOUS COMBUSTION
STORABLE PROPELLANTS

HYPERION

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
HYPERION
RT SATURN (PLANET)

HYPERKINESIA

GS PHYSICAL EXERCISE
HYPERKINESIA
RT EXHAUSTION
FATIGUE (BIOLOGY)
HYPOKINESIA
STRESS (PHYSIOLOGY)
WORK CAPACITY

HYPERNEA

RT MENTAL PERFORMANCE

HYPERNUCLEI

GS GASES
IONIZED GASES
CHARGED PARTICLES
NUCLEI (NUCLEAR PHYSICS)
HYPERNUCLEI
RT ELEMENTARY PARTICLES
RADIOACTIVE DECAY

HYPERONS

GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
BARYONS
HYPERONS
XI HYPERONS
RT ANTIPARTICLES
BARYON RESONANCE
CHARGED PARTICLES
MESON RESONANCE
NUCLEONS
STRANGENESS

HYPEROPIA

GS ACUITY
VISUAL ACUITY
HYPEROPIA
RT VISION

HYPEROXIA

UF OXYGEN TOXICITY
RT HYPERVENTILATION
OXIMETRY
OXYGEN CONSUMPTION
TOXIC DISEASES
TOXICITY

HYPERPLANES

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
HYPERPLANES
RT HYPERSPACES
POLYTOPES
SET THEORY

HYPERPNEA

RT ∞ BREATHING
RESPIRATORY RATE

HYPERSONNIA

GS SLEEP
HYPERSONNIA

HYPERSONIC AIRCRAFT

SN (AIRCRAFT DESIGNED TO FLY AT
SPEEDS OF MACH 5 OR GREATER)
GS HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
RT AEROSPACEPLANES
 ∞ AIRCRAFT
ASTROPLANE
BOOSTGLIDE VEHICLES
HYPERSONICS
JET AIRCRAFT
 ∞ LOW WING AIRCRAFT
RESEARCH AIRCRAFT
SUPERSONIC AIRCRAFT
SWEEPBACK TAIL SURFACES
SWEEPBACK WINGS
TRAPEZOIDAL TAIL SURFACES

HYPERSONIC BOUNDARY LAYER

GS BOUNDARY LAYERS
HYPERSONIC BOUNDARY LAYER
RT LAMINAR BOUNDARY LAYER
THERMAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER

HYPERSONIC COMBUSTION

GS COMBUSTION
HYPERSONIC COMBUSTION
RT EROSION BURNING
FUEL COMBUSTION

HYPERSONIC FLIGHT

RT AERODYNAMICS
 ∞ FLIGHT
HYPERSONICS
MISSILES
ROCKET FLIGHT
SUPERSONIC FLIGHT

HYPERSONIC FLOW

GS FLUID FLOW
HYPERSONIC FLOW
RT AERODYNAMICS
CASCADE WIND TUNNELS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
HYPERSONICS

HYPERSONIC FORCES

HYPERSONIC FLOW-(CONT)

HYPERVELOCITY WIND TUNNELS
LIGHTHILL GAS MODEL
SHOCK TUBES
SHOCK TUNNELS
SHOCK WAVES
SUPERSONIC FLOW
WIND TUNNELS

HYPERSONIC FORCES

GS AERODYNAMIC FORCES
HYPERSONIC FORCES
RT AERODYNAMIC DRAG
HYPERSONICS
LIFT

HYPERSONIC GLIDERS

GS GLIDERS
HYPERSONIC GLIDERS
X-20 AIRCRAFT
HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASSET GLIDERS
ASTROPLANE
BOOSTGLIDE VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
LIFTING REENTRY VEHICLES
PARAGLIDERS

HYPERSONIC HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
RT AEROTHERMODYNAMICS
HYPERSONICS
SUPERSONIC HEAT TRANSFER

HYPERSONIC INLETS

GS INTAKE SYSTEMS
AIR INTAKES
HYPERSONIC INLETS
RT BYPASS RATIO
∞ DIFFUSERS
ENGINE INLETS
INLET AIRFRAME CONFIGURATIONS
NOSE INLETS
SIDE INLETS
SUPERSONIC INLETS

HYPERSONIC NOZZLES

RT CONICAL NOZZLES
∞ NOZZLES
ROCKET NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
WIND TUNNEL NOZZLES

HYPERSONIC REENTRY

GS ATMOSPHERIC ENTRY
REENTRY
HYPERSONIC REENTRY
UNCONTROLLED REENTRY
(SPACECRAFT)
SPACE FLIGHT
HYPERSONIC REENTRY
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS
BERENICE ROCKET VEHICLE
BOUNDARY LAYER PLASMAS
ENTRY GUIDANCE (STS)
REENTRY EFFECTS
REENTRY PHYSICS
SPACECRAFT REENTRY

HYPERSONIC SHOCK

RT HYPERSONICS
MACH CONES
NOISE (SOUND)
SHOCK WAVES

HYPERSONIC SPEED

GS RATES (PER TIME)
HYPERSONIC SPEED
VELOCITY
HYPERSONIC SPEED
RT HIGH SPEED
HYPERSONICS
∞ HYPERVELOCITY

HYPERSONIC SPEED-(CONT)

SUPERSONIC SPEEDS

HYPERSONIC TEST APPARATUS

RT HYPERSONICS
HYPERVELOCITY WIND TUNNELS
MISSILE RANGES
SUPERSONIC TEST APPARATUS
∞ TEST EQUIPMENT

HYPERSONIC VEHICLES

GS HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2F2 LIFTING BODY
X-20 AIRCRAFT
RT ∞ FLIGHT VEHICLES
HYPERSONICS
∞ INSULATED STRUCTURES
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
∞ SPACECRAFT
TEST VEHICLES
∞ VEHICLES
∞ WINGED VEHICLES

HYPERSONIC WAKES

GS WAKES
HYPERSONIC WAKES
RT AIRCRAFT WAKES
BOW WAVES
HYPERSONICS
SHOCK WAVES
SUPERSONIC WAKES

HYPERSONIC WIND TUNNELS

SN (MACH 5 TO 10)
GS TEST FACILITIES
WIND TUNNELS
HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
RT BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
MAGNETIC PISTONS
SHOCK TUBES
SUBSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

HYPERSONICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
HYPERSONICS
RT AEROTHERMODYNAMICS
HYPERSONIC AIRCRAFT
HYPERSONIC FLIGHT
HYPERSONIC FLOW
HYPERSONIC FORCES
HYPERSONIC HEAT TRANSFER
HYPERSONIC SHOCK
HYPERSONIC SPEED
HYPERSONIC TEST APPARATUS
HYPERSONIC VEHICLES
HYPERSONIC WAKES
SUPERSONIC SPEEDS
SUPERSONICS

HYPERSPACES

UF HYPERGEOMETRY
RT HYPERGEOMETRIC FUNCTIONS
HYPERPLANES
HYPERSPHERES
PHASE-SPACE INTEGRAL
∞ SPACE

HYPERSPHERES

RT GEOMETRY
HYPERSPACES
REAL VARIABLES

HYPERTENSIN

GS ACIDS
AMINO ACIDS
PEPTIDES

NASA THESAURUS (VOLUME 1)

HYPERTENSIN-(CONT)

HYPERTENSIN
DRUGS
VASOCONSTRICTOR DRUGS
HYPERTENSIN
ORGANIC COMPOUNDS
AMINO ACIDS
PEPTIDES
HYPERTENSIN
POLYPEPTIDES
PROTEINS
PEPTIDES
HYPERTENSIN
POLYPEPTIDES

HYPERTENSION

GS PRESSURE
BLOOD PRESSURE
HYPERTENSION
RT MYOCARDIAL INFARCTION
TRANQUILIZERS

HYPERTHERMIA

RT BODY TEMPERATURE
FEVER
HEAT STROKE
SKIN TEMPERATURE (BIOLOGY)
THERMOREGULATION

HYPERTONIA

USE OSMOSIS

HYPERTROPHY

USE GROWTH

∞ HYPERVELOCITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ESCAPE VELOCITY
HYPERSONIC SPEED
ORBITAL VELOCITY
RELATIVISTIC VELOCITY

HYPERVELOCITY ACCELERATORS

USE HYPERVELOCITY GUNS

HYPERVELOCITY CRATERING

USE HYPERVELOCITY PROJECTILES
PROJECTILE CRATERING

HYPERVELOCITY FLOW

GS FLUID FLOW
HYPERVELOCITY FLOW
RT FLOW VELOCITY
SUPERSONIC FLOW

HYPERVELOCITY GUNS

UF HYPERVELOCITY ACCELERATORS
RT ∞ ACCELERATORS
BALLISTICS
GAS GUNS
∞ GUNS
GUNS (ORDNANCE)
RAILGUN ACCELERATORS

HYPERVELOCITY IMPACT

GS IMPACT
HYPERVELOCITY IMPACT
RT HYDRODYNAMIC RAM EFFECT
IMPACT MELTS
MECHANICAL SHOCK
METEORITE COLLISIONS
METEORITIC DAMAGE
POINT IMPACT
PROJECTILE CRATERING

HYPERVELOCITY LAUNCHERS

GS LAUNCHERS
HYPERVELOCITY LAUNCHERS
RT GUN LAUNCHERS
RAILGUN ACCELERATORS

HYPERVELOCITY PROJECTILES

UF HYPERVELOCITY CRATERING
GS PROJECTILES
HYPERVELOCITY PROJECTILES
RT ∞ BOMBARDMENT
LIGHT GAS GUNS
METEORIDS
MICROMETEORITES
PROJECTILE CRATERING
SIMULATION

HYPERVELOCITY WIND TUNNELS

SN (ABOVE MACH 10)
 GS TEST FACILITIES
 WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 CASCADE WIND TUNNELS
 HOTSHOT WIND TUNNELS
 PLASMA JET WIND TUNNELS
 SHOCK TUNNELS
 RT BLOWDOWN WIND TUNNELS
 COMBUSTION WIND TUNNELS
 HYPERSONIC FLOW
 HYPERSONIC TEST APPARATUS
 HYPERSONIC WIND TUNNELS
 LOW DENSITY WIND TUNNELS
 MAGNETIC PISTONS
 SHOCK TUBES
 SUPERSONIC WIND TUNNELS

HYPERVENTILATION

RT ACIDOSIS
 ALKALOSIS
 HYPEROXIA

HYPERVOLEMIA

RT BLOOD CIRCULATION
 BLOOD VOLUME
 CIRCULATORY SYSTEM

HYPNOSIS

GS SLEEP
 HYPNOSIS
 RT ANESTHESIA
 SUGGESTION

HYPOBARIC ATMOSPHERES

RT ALTITUDE SIMULATION
 ALTITUDE TOLERANCE
 ∞ ATMOSPHERES
 ∞ HIGH ALTITUDE BREATHING
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 LOW PRESSURE
 VACUUM TESTS

HYPOCAPNIA

GS CARBON DIOXIDE TENSION
 HYPOCAPNIA
 RT BLOOD

HYPODERMIS

GS TISSUES (BIOLOGY)
 HYPODERMIS

HYPODYNAMIA

RT MUSCLES
 MUSCULAR FUNCTION

HYPOELASTICITY

GS MECHANICAL PROPERTIES
 ELASTIC PROPERTIES
HYPOELASTICITY

HYPOGLYCEMIA

GS METABOLISM
 CARBOHYDRATE METABOLISM
 HYPOGLYCEMIA

HYPOKINESIA

RT HYPERKINESIA
 MUSCULAR FUNCTION
 MUSCULOSKELETAL SYSTEM
 PHYSICAL EXERCISE

HYPOMETABOLISM

GS METABOLISM
 HYPOMETABOLISM
 RT THYROID GLAND

HYPOTENSION

GS PRESSURE
 BLOOD PRESSURE
 HYPOTENSION
 RT HEMORRHAGES

HYPOTHALAMUS

RT BRAIN
 CEREBRAL CORTEX

HYPOTHERMIA

RT BODY TEMPERATURE
 SKIN TEMPERATURE (BIOLOGY)
 THERMOREGULATION

HYPOTHESES

GS **HYPOTHESES**
 EXPECTANCY HYPOTHESIS
 INTERMITTENCY HYPOTHESIS
 LAGRANGE SIMILARITY HYPOTHESIS
 NULL HYPOTHESIS
 VORTICITY TRANSPORT HYPOTHESIS
 RT ASSUMPTIONS
 INFERENCE
 MATHEMATICAL LOGIC
 QUALITY CONTROL
 THEOREMS
 ∞ THEORIES
 THESES

HYPOTONIA

GS MUSCULAR TONUS
 HYPOTONIA
 RT MUSCULAR FUNCTION

HYPOVENTILATION

GS RATES (PER TIME)
 RESPIRATORY RATE
HYPOVENTILATION

HYPOVOLEMIA

RT BLOOD CIRCULATION
 BLOOD VOLUME

HYPOXEMIA

GS PRESSURE
 PARTIAL PRESSURE
 OXYGEN TENSION
 HYPOXEMIA
 RT HYPOXIA

HYPOXIA

UF OXYGEN DEFICIENCY
 RT ANOXIA
 FASTING
 HYPOXEMIA
 OXIMETRY
 OXYGEN CONSUMPTION
 STRESS (PHYSIOLOGY)

HYP SOGRAPHY

GS GEOGRAPHY
 HYP SOGRAPHY
 RT CONTOURS
 DATUM (ELEVATION)
 ELEVATION
 MAPPING
 MAPS
 RELIEF MAPS
 TOPOGRAPHY

HYPSONETERS

GS MEASURING INSTRUMENTS
 HYPSONETERS
 RT ALTIMETERS
 BAROMETERS
 METEOROLOGICAL INSTRUMENTS
 PRESSURE GAGES

HYSTERESIS

RT ACCURACY
 ANTIFERROELECTRICITY
 ANTIFERROMAGNETISM
 DAMPING
 DYNAMIC CHARACTERISTICS
 EDDY CURRENTS
 ELECTRICAL PROPERTIES
 ERRORS
 INTERNAL FRICTION
 MAGNETIC PERMEABILITY
 MAGNETIC PROPERTIES
 MECHANICAL PROPERTIES
 OPTICAL BISTABILITY
 ∞ PHYSICAL PROPERTIES
 PRECISION
 RETARDING
 SHEAR PROPERTIES
 TENSILE STRENGTH
 TIME LAG
 TOLERANCES (MECHANICS)
 VISCOELASTICITY
 VISCOPLASTICITY

I BEAMS

GS STRUCTURAL MEMBERS
 BEAMS (SUPPORTS)
 I BEAMS
 RT CANTILEVER BEAMS
 CURVED BEAMS
 TRUSSES

IAPETUS

GS CELESTIAL BODIES
 NATURAL SATELLITES
 IAPETUS
 SATELLITES
 NATURAL SATELLITES
 SATURN SATELLITES
 IAPETUS
 RT CHARON
 SATURN (PLANET)

IBM COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 IBM COMPUTERS
 IBM 360 COMPUTER
 IBM 370 COMPUTER
 IBM 650 COMPUTER
 IBM 704 COMPUTER
 IBM 709 COMPUTER
 IBM 1130 COMPUTER
 IBM 1401 COMPUTER
 IBM 1410 COMPUTER
 IBM 1620 COMPUTER
 IBM 2250 COMPUTER
 IBM 7000 SERIES COMPUTERS
 IBM 7030 COMPUTER
 IBM 7040 COMPUTER
 IBM 7044 COMPUTER
 IBM 7070 COMPUTER
 IBM 7074 COMPUTER
 IBM 7090 COMPUTER
 IBM 7094 COMPUTER
 RT DIGITAL COMPUTERS

IBM 360 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 360 COMPUTER
 IBM COMPUTERS
 IBM 360 COMPUTER

IBM 370 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 370 COMPUTER
 IBM COMPUTERS
 IBM 370 COMPUTER

IBM 650 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 650 COMPUTER
 IBM COMPUTERS
 IBM 650 COMPUTER

IBM 704 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 704 COMPUTER
 IBM COMPUTERS
 IBM 704 COMPUTER

IBM 709 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 709 COMPUTER
 IBM COMPUTERS
 IBM 709 COMPUTER

IBM 1130 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 IBM 1130 COMPUTER
 IBM COMPUTERS
 IBM 1130 COMPUTER

IBM 1401 COMPUTER**IBM 1401 COMPUTER**

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1401 COMPUTER
IBM COMPUTERS
IBM 1401 COMPUTER

IBM 1410 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1410 COMPUTER
IBM COMPUTERS
IBM 1410 COMPUTER

IBM 1620 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1620 COMPUTER
IBM COMPUTERS
IBM 1620 COMPUTER

IBM 2250 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 2250 COMPUTER
IBM COMPUTERS
IBM 2250 COMPUTER

IBM 7000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER

IBM 7030 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER

IBM 7040 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7040 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7040 COMPUTER

IBM 7044 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7044 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7044 COMPUTER

IBM 7070 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7070 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7070 COMPUTER

IBM 7074 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7074 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7074 COMPUTER

IBM 7090 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7090 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7090 COMPUTER

IBM 7094 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7094 COMPUTER
IBM COMPUTERS
IBM 7000 SERIES COMPUTERS
IBM 7094 COMPUTER

ICARUS ASTEROID

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
ICARUS ASTEROID

ICBM (MISSILES)

USE INTERCONTINENTAL BALLISTIC MISSILES

ICE

GS **ICE**
BAY ICE
GLACIERS
LAKE ICE
ICE FLOES
LAND ICE
SEA ICE
ICE FLOES
ICEBERGS
PRESSURE ICE
RT AUFEIS (ICE)
CIRQUES (LANDFORMS)
FROST
POLAR CAPS
REFRIGERANTS
RUNWAY CONDITIONS
SLUSH
STORMS (METEOROLOGY)
WATER

ICE ENVIRONMENTS

UF ANTARCTIC ENVIRONMENT
ARCTIC ENVIRONMENTS
ENVIRONMENTS
ICE ENVIRONMENTS
RT ENVIRONMENT EFFECTS
MARINE ENVIRONMENTS
SEA ICE

ICE FLOES

GS **ICE**
LAKE ICE
ICE FLOES
SEA ICE
ICE FLOES
RT OCEANOGRAPHY

ICE FORMATION

UF ICING
GS **ICE FORMATION**
CLOUD GLACIATION
RT BAY ICE
FOULING
FREEZING
HAIL
LAKE ICE
LOW TEMPERATURE
PRESSURE ICE
SEA ICE
SNOW

ICE MAPPING

GS MAPPING
ICE MAPPING

NASA THESAURUS (VOLUME 1)**ICE MAPPING-(CONT)**

RT AERIAL PHOTOGRAPHY
BAY ICE
EARTH RESOURCES
HYDROGRAPHY
HYDROLOGY
INFRARED PHOTOGRAPHY
OCEANOGRAPHY
PHOTOGEOLOGY
PHOTOGRAPHY
PHOTOMAPPING
SEA ICE
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE

ICE NUCLEI

RT AITKEN NUCLEI
CLOUD GLACIATION
CONDENSATION NUCLEI
FREEZING
NUCLEATION
∞ NUCLEI

ICE OBSERVATION

USE ICE REPORTING

ICE PACKS

USE SEA ICE

ICE PREVENTION

GS PREVENTION
ICE PREVENTION
RT ANTIICING ADDITIVES
DEFROSTING
DEICERS
DEICING
HEAT TAPES
HEATING
MELTING
STORM SUPPRESSION

ICE REPORTING

UF ICE OBSERVATION
RT BAY ICE
ICEBERGS
METEOROLOGICAL FLIGHT
POLAR METEOROLOGY
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE

ICE SHELVES

USE LAND ICE

ICEBERGS

GS **ICE**
SEA ICE
ICEBERGS
RESOURCES
EARTH RESOURCES
ICEBERGS
RT ICE REPORTING
LAND ICE

ICELAND

GS LANDFORMS
ISLANDS
ICELAND
NATIONS
ICELAND

ICHTHYOLOGY

RT FISHES
SCHOOLS (FISH)

ICING

USE ICE FORMATION

ICL COMPUTERS

UF INTERNATIONAL COMPUTERS LIMITED
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
ICL COMPUTERS
RT EUROPEAN SPACE AGENCY

ICOSAHEDRONS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
ICOSAHEDRONS

IDAHO

GS NATIONS
UNITED STATES

IDAMO-(CONT)

IDAHO
 RT COLUMBIA RIVER BASIN (ID-OR-WA)
 YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

IDEAL FLUIDS

RT COMPRESSIBLE FLUIDS
 EQUATIONS OF STATE
 ∞ FLUIDS
 INCOMPRESSIBLE FLUIDS
 MOLLIER DIAGRAM

IDEAL GAS

UF PERFECT GAS
 GS GASES
IDEAL GAS
 RT DALTON LAW
 EQUATIONS OF STATE
 GAS DENSITY
 KINETIC THEORY
 KINETICS
 REAL GASES

IDENTIFY FRIEND OR FOE

USE IFF SYSTEMS (IDENTIFICATION)

IDENTIFYING

GS **IDENTIFYING**
 CROP IDENTIFICATION
 IFF SYSTEMS (IDENTIFICATION)
 PARAMETER IDENTIFICATION
 RAPID BALLISTICS IDENTIFICATION
 SYSTEM IDENTIFICATION
 TIMBER IDENTIFICATION
 RT CHEMICAL ANALYSIS
 CODING
 COGNITION
 DETECTION
 GAS DETECTORS
 INSPECTION
 MARKING
 ∞ MEASUREMENT
 MISSILE DETECTION
 PARTICULATE SAMPLING
 PERCEPTION
 RECOGNITION
 SPECTRAL SIGNATURES
 TRACKING (POSITION)
 ULTRASONIC FLAW DETECTION
 WISWESSER NOTATIONS

IDENTITIES

RT CONGRUENCES
 ∞ EQUATIONS

IDEP (DATA EXCHANGE)

USE INTERSERVICE DATA EXCHANGE
 PROGRAM

IDLERS

RT BEARINGS
 GEARS
 PULLEYS
 ROLLERS
 VEHICULAR TRACKS

IFF SYSTEMS (IDENTIFICATION)

UF IDENTIFY FRIEND OR FOE
 GS IDENTIFYING
IFF SYSTEMS (IDENTIFICATION)
 RT AIRCRAFT DETECTION
 COGNITION
 INTERROGATION
 RECOGNITION
 ∞ SYSTEMS

IFR (RULES)

USE INSTRUMENT FLIGHT RULES

IGFET

USE FIELD EFFECT TRANSISTORS

IGNEOUS ROCKS

UF IGIMBRITE
 GS ROCKS
IGNEOUS ROCKS
 ANORTHOSITE
 BASALT
 DIORITE
 DUNITE
 ECLOGITE
 FELSITE
 GRANITE

IGNEOUS ROCKS-(CONT)

OBSIDIAN
 MOLDAVITE
 PERIDOTITE
 PUMICE
 SYENITE
 TRACHYTE
 RT ANDESITE
 BATHOLITHS
 BRECCIA
 EFFUSIVES
 ENSTATITE
 FELDSPARS
 ILMENITE
 LAVA
 MAGMA
 MICA
 MINERALS
 OLIVINE
 PYROXENES
 QUARTZ
 REGOLITH
 ROCK INTRUSIONS
 SEDIMENTARY ROCKS
 SOILS
 SPINEL
 TOURMALINE

IGNIMBRITE

USE IGNEOUS ROCKS

IGNITERS

GS **IGNITERS**
 INITIATORS (EXPLOSIVES)
 BOOSTERS (EXPLOSIVES)
 CAPS (EXPLOSIVES)
 DETONATORS
 PRIMERS (EXPLOSIVES)
 SQUIBS
 RT AMMUNITION
 ELECTRIC IGNITION
 EXPLOSIVE DEVICES
 IGNITION
 IGNITION SYSTEMS
 INCENDIARY AMMUNITION
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPARK PLUGS

IGNITION

UF REIGNITION
 GS **IGNITION**
 ELECTRIC IGNITION
 SOLID PROPELLANT IGNITION
 SPARK IGNITION
 RT COMBUSTION
 COMBUSTION PHYSICS
 FIRING (IGNITING)
 FLAME PROPAGATION
 FLAMMABILITY
 FLASH POINT
 FUEL COMBUSTION
 IGNITERS
 PREMIXING
 PROPELLANT COMBUSTION
 ROASTING
 SPARKS
 SPONTANEOUS COMBUSTION
 STARTING

IGNITION LIMITS

RT COMBUSTION
 FLAME RETARDANTS
 FLAMMABILITY
 FUEL-AIR RATIO
 GAS MIXTURES
 ∞ LIMITS

IGNITION SYSTEMS

RT AUTOMOBILES
 DISTRIBUTORS
 DWELL
 ELECTRIC COILS
 ELECTRIC IGNITION
 ENGINES
 IGNITERS
 INTERNAL COMBUSTION ENGINES
 ROCKET ENGINES
 SPARK PLUGS
 SQUIBS
 STARTERS
 ∞ SYSTEMS

IGNITION TEMPERATURE

GS TEMPERATURE

IGNITION TEMPERATURE-(CONT)

IGNITION TEMPERATURE
 FLASH POINT
 RT COMBUSTION TEMPERATURE
 FLAMMABILITY
 PROPELLANT SENSITIVITY
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION
 THERMITES

IGNITRONS

GS ELECTRON TUBES
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
 GAS DISCHARGE TUBES
IGNITRONS
 MICROWAVE TUBES
 PLANOTRONS
IGNITRONS
 MICROWAVE EQUIPMENT
 MICROWAVE TUBES
 PLANOTRONS
IGNITRONS
 RECTIFIERS
IGNITRONS

IGOSS

USE INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS

IGY (GEOPHYSICAL YEAR)

USE INTERNATIONAL GEOPHYSICAL YEAR

IL-14 AIRCRAFT

UF ILYUSHIN IL-14 AIRCRAFT
 GS ILYUSHIN AIRCRAFT
IL-14 AIRCRAFT
 MONOPLANES
IL-14 AIRCRAFT
 TRANSPORT AIRCRAFT
IL-14 AIRCRAFT
 RT ∞ AIRCRAFT

IL-62 AIRCRAFT

UF CLASSIC AIRCRAFT
 ILYUSHIN IL-62 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
IL-62 AIRCRAFT
 ILYUSHIN AIRCRAFT
IL-62 AIRCRAFT
 JET AIRCRAFT
 TURBOFAN AIRCRAFT
IL-62 AIRCRAFT
 MONOPLANES
IL-62 AIRCRAFT
 PASSENGER AIRCRAFT
IL-62 AIRCRAFT
 RT ∞ AIRCRAFT

ILLIAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
ILLIAC COMPUTERS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER

ILLIAC 3 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 ILLIAC COMPUTERS
ILLIAC 3 COMPUTER
 RT ANALOG TO DIGITAL CONVERTERS
 PARALLEL PROCESSING (COMPUTERS)

ILLIAC 4 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 ILLIAC COMPUTERS
ILLIAC 4 COMPUTER
 RT ANALOG TO DIGITAL CONVERTERS
 PARALLEL PROCESSING (COMPUTERS)

ILLINOIS

GS NATIONS
 UNITED STATES
 ILLINOIS
 RT OHIO RIVER (US)
 WABASH RIVER BASIN (IL-IN-OH)

ILLITE

ILLITE	GS	CLAYS
		ILLITE
		MINERALS
		ILLITE
RT		SOILS
ILLUMINANCE		
SN		(DETECTION RATE PER UNIT AREA OF VISIBLE RADIATION-EQUALS LIGHT PRESSURE TIMES SPEED OF LIGHT)
UF		LIGHT PRESSURE
GS		PRESSURE
		RADIATION PRESSURE
		LUMINOUS INTENSITY
		ILLUMINANCE
		RATES (PER TIME)
		FLUX DENSITY
		RADIANT FLUX DENSITY
		IRRADIANCE
		ILLUMINANCE
		LUMINOUS INTENSITY
		ILLUMINANCE
RT		BRIGHTNESS
		ILLUMINATING
	∞	ILLUMINATION
		LIGHT (VISIBLE RADIATION)
		LUMINANCE
		LUMINOSITY
		RADIANCE
		SOLAR CONSTANT
		SOLAR FLUX DENSITY
		VISIBILITY
ILLUMINATING		
UF		LIGHTING
RT		ARCHITECTURE
		BRIGHTNESS
		COMFORT
		DARKNESS
		ENVIRONMENTAL ENGINEERING
	∞	FLARES
		GLARE
		HUMAN FACTORS ENGINEERING
		ILLUMINANCE
	∞	ILLUMINATION
		LIGHT SOURCES
		LIGHT TRANSMISSION
		LIGHTING EQUIPMENT
		LUMINAIRES
		LUMINANCE
		PHOTOMETRY
	∞	PROJECTION
		PROJECTORS
		PYROTECHNICS
		SHADOWS
∞ ILLUMINATION		
SN		(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT		BRIGHTNESS DISCRIMINATION
		DARKENING
		DARKNESS
	∞	DIFFUSERS
		ILLUMINANCE
		ILLUMINATING
		ILLUMINATORS
		ISOPHOTES
		LIGHT TRANSMISSION
		LUMINESCENCE
		PHOTOMETRY
ILLUMINATORS		
GS		LIGHT SOURCES
		ILLUMINATORS
		LIGHTING EQUIPMENT
		ILLUMINATORS
RT	∞	ILLUMINATION
		INCANDESCENCE
		LUMINESCENCE
ILLUSIONS		
GS		PSYCHOLOGICAL EFFECTS
		ILLUSIONS
		HALLUCINATIONS
		MOON ILLUSION
		OCULOGRAVIC ILLUSIONS
		OPTICAL ILLUSION
		ELEVATOR ILLUSION
RT		AFTERIMAGES
		IMAGES
		PERCEPTION
		VISION

ILMENITE		
GS	CHALCOGENIDES	
	OXIDES	
	METAL OXIDES	
	IRON OXIDES	
	ILMENITE	
	TITANIUM OXIDES	
	ILMENITE	
	IRON COMPOUNDS	
	IRON OXIDES	
	ILMENITE	
	MINERALS	
	ILMENITE	
	TITANIUM COMPOUNDS	
	TITANATES	
	ILMENITE	
	TITANIUM OXIDES	
	ILMENITE	
RT	IGNEOUS ROCKS	
	SANDS	
ILS (LANDING SYSTEMS)		
USE	INSTRUMENT LANDING SYSTEMS	
ILYUSHIN AIRCRAFT		
GS	ILYUSHIN AIRCRAFT	
	IL-14 AIRCRAFT	
	IL-62 AIRCRAFT	
RT	AIRCRAFT	
ILYUSHIN IL-14 AIRCRAFT		
USE	IL-14 AIRCRAFT	
ILYUSHIN IL-62 AIRCRAFT		
USE	IL-62 AIRCRAFT	
IMAGE ANALYSIS		
RT	CLUSTER ANALYSIS	
	IMAGE ENHANCEMENT	
	IMAGE PROCESSING	
	IMAGE RESOLUTION	
	PATTERN RECOGNITION	
	RADAR IMAGERY	
	REMOTE SENSING	
	SATELLITE IMAGERY	
	SCENE ANALYSIS	
IMAGE CONTRAST		
GS	CONTRAST	
RT	IMAGE CONTRAST	
	FOCUSING	
	GRAY SCALE	
	PATTERN REGISTRATION	
	RESOLUTION	
	SELF FOCUSING	
	SIGNAL TO NOISE RATIOS	
	SMEAR	
	VISIBILITY	
IMAGE CONVERTERS		
GS	OPTICAL EQUIPMENT	
	IMAGE CONVERTERS	
	CELESTROSCOPES	
	IMAGE TUBES	
	THERMICONS	
RT	CAMERA TUBES	
	CONVERTERS	
	LALLEMAND CAMERAS	
	LIGHT AMPLIFIERS	
	MICROCHANNELS	
	PHOTOCATHODES	
IMAGE CORRELATORS		
UF	SIMICOR (IMAGE CORRELATOR)	
	SIMULTANEOUS IMAGE CORRELATOR	
GS	CORRELATORS	
	IMAGE CORRELATORS	
RT	HOLOGRAPHY	
	IMAGING TECHNIQUES	
	MAP MATCHING GUIDANCE	
	PATTERN REGISTRATION	
	VIDEO LANDMARK ACQUISITION AND TRACKING	
IMAGE DISSECTOR TUBES		
GS	ELECTRON TUBES	
	CAMERA TUBES	
	IMAGE DISSECTOR TUBES	
	TELEVISION EQUIPMENT	
	IMAGE DISSECTOR TUBES	
RT	GUIDANCE SENSORS	
	SATELLITE ORIENTATION	

NASA THESAURUS (VOLUME 1)

IMAGE ENHANCEMENT		
RT	BAND RATIOING	
	FOCUSING	
	GEOMETRIC RECTIFICATION (IMAGERY)	
	GRAY SCALE	
	IMAGE ANALYSIS	
	IMAGES	
	IMAGING TECHNIQUES	
	LIGHT AMPLIFIERS	
	RADIOMETRIC CORRECTION	
	RESOLUTION	
	SIGNAL TO NOISE RATIOS	
	TOMOGRAPHY	
	VEGETATIVE INDEX	
IMAGE FILTERS		
RT	FILTERS	
	IMAGING TECHNIQUES	
IMAGE FURNACES		
GS	HEATING EQUIPMENT	
	FURNACES	
	IMAGE FURNACES	
	LABORATORY EQUIPMENT	
	IMAGE FURNACES	
RT	ARC HEATING	
	CARBON ARCS	
IMAGE INTENSIFIERS		
UF	INTENSIFIER TUBES	
GS	INTENSIFIERS	
	IMAGE INTENSIFIERS	
	IMAGE ORTHICONS	
RT	AMPLIFIERS	
	IMAGING TECHNIQUES	
	LALLEMAND CAMERAS	
	LIGHT AMPLIFIERS	
	NIGHT VISION	
	ORTHICONS	
	PHOSPHORS	
	PHOTOCATHODES	
IMAGE MOTION COMPENSATION		
RT	AERIAL PHOTOGRAPHY	
	COMPENSATION	
	IMAGING TECHNIQUES	
	PATTERN REGISTRATION	
IMAGE ORTHICONS		
GS	ELECTRON TUBES	
	CAMERA TUBES	
	ORTHICONS	
	IMAGE ORTHICONS	
	INTENSIFIERS	
	IMAGE INTENSIFIERS	
	IMAGE ORTHICONS	
	MICROWAVE EQUIPMENT	
	MICROWAVE TUBES	
	ORTHICONS	
	IMAGE ORTHICONS	
RT	PHOTOCATHODES	
IMAGE PROCESSING		
GS	IMAGE PROCESSING	
	BAND RATIOING	
	GEOMETRIC RECTIFICATION (IMAGERY)	
RT	ATMOSPHERIC CORRECTION	
	CHANGE DETECTION	
	CLUSTER ANALYSIS	
	COMPUTER AIDED TOMOGRAPHY	
	DATA PROCESSING	
	FEATURE IDENTIFICATION AND LOCATION EXPR	
	FRAMES (DATA PROCESSING)	
	GEOMETRIC ACCURACY	
	GRAY SCALE	
	IMAGE ANALYSIS	
	IMAGERY	
	IMAGING TECHNIQUES	
	MULTISENSOR APPLICATIONS	
	NAP-OF-THE-EARTH NAVIGATION	
	ONBOARD DATA PROCESSING	
	OPTICAL DATA PROCESSING	
	POINT SPREAD FUNCTIONS	
	PREPROCESSING	
	PRINCIPAL COMPONENTS ANALYSIS	
	PROCESSING	
	PUSHBROOM SENSOR MODES	
	SPATIAL RESOLUTION	
IMAGE RECONSTRUCTION		
RT	DISPLAY DEVICES	
	HOLOGRAPHY	
	IMAGING TECHNIQUES	
	PATTERN REGISTRATION	

IMAGE RESOLUTION

GS RESOLUTION
IMAGE RESOLUTION
 RT ELECTRO-OPTICAL PHOTOGRAPHY
 GEOMETRIC ACCURACY
 IMAGE ANALYSIS
 IMAGERY
 MATCHING
 MULTISPECTRAL PHOTOGRAPHY
 PATTERN REGISTRATION
 SPATIAL RESOLUTION

IMAGE ROTATION

RT IMAGING TECHNIQUES
 ROTATION

IMAGE TRANSDUCERS

GS TRANSDUCERS
IMAGE TRANSDUCERS
 RT CAMERA TUBES
 IMAGING TECHNIQUES
 LALLEMAND CAMERAS

IMAGE TUBES

GS MICROWAVE EQUIPMENT
 MICROWAVE TUBES
IMAGE TUBES
 THERMICONS
 OPTICAL EQUIPMENT
 IMAGE CONVERTERS
IMAGE TUBES
 THERMICONS
 RT CATHODE RAY TUBES
 DISPLAY DEVICES
 FLYING SPOT SCANNERS
 HEAD-UP DISPLAYS
 MONOSCOPES

IMAGE VELOCITY SENSORS

RT IMAGES
 IMAGING TECHNIQUES
 ∞ SENSORS

IMAGERY

GS **IMAGERY**
 ACOUSTICAL HOLOGRAPHY
 AERIAL PHOTOGRAPHY
 ALL SKY PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CHRONOPHOTOGRAPHY
 CINEMATOGRAPHY
 CLOUD PHOTOGRAPHY
 COLOR PHOTOGRAPHY
 ELECTRO-OPTICAL PHOTOGRAPHY
 ELECTRON PHOTOGRAPHY
 HOLOGRAPHY
 MICROWAVE HOLOGRAPHY
 WHITE LIGHT HOLOGRAPHY
 INFRARED IMAGERY
 INFRARED PHOTOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
 KINOFORM
 LUNAR PHOTOGRAPHY
 MICROWAVE IMAGERY
 MICROWAVE PHOTOGRAPHY
 PHOTOMICROGRAPHY
 PHOTORECONNAISSANCE
 RADAR IMAGERY
 RADAR PHOTOGRAPHY
 RADIOGRAPHY
 ANGIOGRAPHY
 AUTORADIOGRAPHY
 NEUTRON RADIOGRAPHY
 TOMOGRAPHY
 COMPUTER AIDED TOMOGRAPHY
 UROGRAPHY
 REPRODUCTION (COPYING)
 XEROGRAPHY
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE IMAGERY
 SHADOWGRAPH PHOTOGRAPHY
 SCHLIEREN PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SPECTROHELIOGRAPHS
 SPECTROPHOTOGRAPHY
 STEREOSCOPY
 STEREOPHOTOGRAPHY
 ULTRAVIOLET PHOTOMETRY
 X RAY IMAGERY
 RT ACOUSTO-OPTICS
 APPEARANCE
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS

IMAGERY-(CONT)

CHANGE DETECTION
 CONTOUR SENSORS
 DISPLAY DEVICES
 EARTH RESOURCES
 GEOGRAPHIC INFORMATION SYSTEMS
 GEOMETRIC RECTIFICATION (IMAGERY)
 GRAPHIC ARTS
 GROUND TRUTH
 IMAGE PROCESSING
 IMAGE RESOLUTION
 MICROWAVE SOUNDING
 MULTISPECTRAL PHOTOGRAPHY
 MULTISPECTRAL RADAR
 PHOTOGRAPHY
 RADAR SIGNATURES
 SCENE ANALYSIS
 SEA TRUTH
 SIGNATURE ANALYSIS

IMAGES

UF OPTICAL IMAGES
 GS **IMAGES**
 AFTERIMAGES
 RETINAL IMAGES
 RT CONTOUR SENSORS
 DISPLAY DEVICES
 EVAPOGRAPHY
 HALOS
 HELMET MOUNTED DISPLAYS
 ILLUSIONS
 IMAGE ENHANCEMENT
 IMAGE VELOCITY SENSORS
 ∞ OPTICS
 PERCEPTION
 PHOTOGRAPHS
 REPRESENTATIONS
 SPATIAL FILTERING
 VISION

IMAGING RADAR

GS RADAR
IMAGING RADAR
 RT RADAR IMAGERY
 REMOTE SENSORS
 SIDE-LOOKING RADAR
 SYNTHETIC APERTURE RADAR

IMAGING TECHNIQUES

RT ACOUSTIC MICROSCOPES
 ACOUSTICAL HOLOGRAPHY
 ADAPTIVE OPTICS
 CHARGE INJECTION DEVICES
 CROP IDENTIFICATION
 GRAY SCALE
 HOLOGRAMMETRY
 IMAGE CORRELATORS
 IMAGE ENHANCEMENT
 IMAGE FILTERS
 IMAGE INTENSIFIERS
 IMAGE MOTION COMPENSATION
 IMAGE PROCESSING
 IMAGE RECONSTRUCTION
 IMAGE ROTATION
 IMAGE TRANSDUCERS
 IMAGE VELOCITY SENSORS
 ∞ METHODOLOGY
 MICROWAVE HOLOGRAPHY
 MODULATION TRANSFER FUNCTION
 MULTISENSOR APPLICATIONS
 MULTISPECTRAL BAND SCANNERS
 MULTISPECTRAL PHOTOGRAPHY
 MULTISPECTRAL RADAR
 OPTICAL RELAY SYSTEMS
 OPTICAL TRANSFER FUNCTION
 ∞ OPTICS
 PATTERN REGISTRATION
 PHOTOGRAPHY
 PRINCIPAL COMPONENTS ANALYSIS
 RADAR IMAGERY
 RAPID BALLISTICS IDENTIFICATION
 RESOLUTION CELL
 SATELLITE IMAGERY
 SCENE ANALYSIS
 SPATIAL RESOLUTION
 STREAK PHOTOGRAPHY
 SYNTHETIC APERTURES
 TELEVISION SYSTEMS
 ULTRASONIC SCANNERS
 VEGETATIVE INDEX
 X RAY IMAGERY

∞ IMBEDDINGS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ENCAPSULATING
 IMBEDDINGS (MATHEMATICS)
 INVARIANT IMBEDDINGS
 ∞ MATRICES

IMBEDDINGS (MATHEMATICS)

GS GEOMETRY
 TOPOLOGY
IMBEDDINGS (MATHEMATICS)
 INVARIANT IMBEDDINGS
 RT ∞ IMBEDDINGS
 STRANGE ATTRACTORS

IMBLMS

SN (INTEGRATED MEDICAL AND
 BEHAVIORAL LABORATORY
 MEASUREMENT SYSTEM)
 UF INTEG MED AND BEHAVIORAL LAB
 MEASUR SYSTEM
 RT BIOINSTRUMENTATION
 BIOMEDICAL DATA
 MEASURING INSTRUMENTS
 MEDICAL EQUIPMENT

IMCC (CONTROL CENTER)

USE INTEGRATED MISSION CONTROL
 CENTER

IME SATELLITE

USE INTERNATIONAL MAGNETOSPHERIC
 EXPLORER

IMIDES

GS NITROGEN COMPOUNDS
IMIDES
 SUCCINIMIDES
 RT AMIDES

IMINES

UF SCHIFF BASES
 GS NITROGEN COMPOUNDS
IMINES
 RT AMINES

IMLSS

SN (INTEGRATED MANEUVERING AND LIFE
 SUPPORT SYSTEM)
 UF INTEGRATED MANEUVERING LIFE
 SUPPORT SYS
 GS SELF MANEUVERING UNITS
IMLSS
 RT ASTRONAUT MANEUVERING EQUIPMENT
 EXTRAVEHICULAR ACTIVITY
 EXTRAVEHICULAR MOBILITY UNITS
 ∞ SYSTEMS

IMMERSSION

USE SUBMERGING

IMMISCIBILITY

USE SOLUBILITY

IMMITTANCE

USE ELECTRICAL IMPEDANCE

IMMOBILIZATION

RT DAMAGE
 IMPAIRMENT
 ∞ MOTION

IMMUNITY

RT INFECTIOUS DISEASES
 INOCULATION
 ∞ RESISTANCE
 TOXINS AND ANTITOXINS

IMMUNOASSAY

UF PLASMA RENIN ACTIVITY
 GS **IMMUNOASSAY**
 RADIOIMMUNOASSAY
 RT ANTIGENS
 ASSAYING
 BIOCHEMISTRY
 IMMUNOLOGY
 RADIOBIOLOGY

IMMUNOLOGY

GS MEDICAL SCIENCE
IMMUNOLOGY
 RT ALLERGIC DISEASES

IMP

IMMUNOLOGY-(CONT)

ANAPHYLAXIS
ANTIBODIES
ANTIGENS
ANTISERUMS
BIOCOMPATIBILITY
∞ BIOLOGY
IMMUNOASSAY
PROPHYLAXIS
RADIOIMMUNOASSAY
VETERINARY MEDICINE

IMP
UF INTERPLANETARY MONITORING
PLATFORM
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
IMP
LUNAR SATELLITES
IMP

IMP-A
USE EXPLORER 18 SATELLITE

IMP-B
USE EXPLORER 21 SATELLITE

IMP-C
USE EXPLORER 28 SATELLITE

IMP-D
USE EXPLORER 33 SATELLITE

IMP-E
USE EXPLORER 35 SATELLITE

IMP-F
USE EXPLORER 34 SATELLITE

IMP-G
USE EXPLORER 41 SATELLITE

IMP-H
USE EXPLORER 47 SATELLITE

IMP-I
USE EXPLORER 43 SATELLITE

IMP-J
USE EXPLORER 50 SATELLITE

IMP-1
USE EXPLORER 18 SATELLITE

IMP-2
USE EXPLORER 21 SATELLITE

IMP-3
USE EXPLORER 28 SATELLITE

IMP-4
USE EXPLORER 34 SATELLITE

IMP-5
USE EXPLORER 41 SATELLITE

IMP-6
USE EXPLORER 43 SATELLITE

IMP-7
USE EXPLORER 47 SATELLITE

IMP-8
USE EXPLORER 50 SATELLITE

IMPACT
GS **IMPACT**
ECONOMIC IMPACT
ELECTRON IMPACT
HYPERVELOCITY IMPACT
ION IMPACT
POINT IMPACT
PROTON IMPACT
RT DECELERATION
HYDRODYNAMIC RAM EFFECT
IMPINGEMENT
MECHANICAL SHOCK
PENETRATION
PERCUSSION
PRESSURE
SHOCK ABSORBERS
SHOCK RESISTANCE

IMPACT-(CONT)

SHOCK WAVES
STRESSES

IMPACT ACCELERATION

UF IMPACT DECELERATION
GS RATES (PER TIME)
ACCELERATION (PHYSICS)

IMPACT ACCELERATION

RT ∞ ACCELERATION
DECELERATION
MECHANICAL SHOCK
PHYSIOLOGICAL ACCELERATION
RAILROAD HUMMING TESTS
SHOCK ABSORBERS

IMPACT DAMAGE

GS DAMAGE
IMPACT DAMAGE
METEORITIC DAMAGE
RAIN IMPACT DAMAGE
RT CRATERING
CRATERS
EJECTA
IMPACT TOLERANCES
MARS CRATERS
METEOROID PROTECTION
PLANETARY CRATERS

IMPACT DECELERATION

USE DECELERATION
IMPACT ACCELERATION

IMPACT FUSION

GS INERTIAL CONFINEMENT FUSION
IMPACT FUSION
RT FUSION REACTORS

IMPACT LOADS

UF IMPACT PRESSURES
GS LOADS (FORCES)
COMPRESSION LOADS
IMPACT LOADS
DYNAMIC LOADS
TRANSIENT LOADS
IMPACT LOADS
PRESSURE
IMPACT LOADS
RT BLAST LOADS
DYNAMIC PRESSURE
FIBER ORIENTATION
LANDING LOADS
LOADING RATE
PRESSURE
RANDOM LOADS
SHOCK LOADS
STRUCTURAL DESIGN CRITERIA

IMPACT MELTS

GS MELTS (CRYSTAL GROWTH)
IMPACT MELTS
RT CELESTIAL BODIES
HYPERVELOCITY IMPACT
LUNAR ROCKS
MELTING
METEORITES
MINERALS
PETROLOGY

IMPACT PREDICTION

UF ARIP (IMPACT PREDICTION)
AUTOMATIC ROCKET IMPACT
PREDICTORS
GS PREDICTIONS
IMPACT PREDICTION
RT BALLISTIC TRAJECTORIES
DOWNRANGE
GUIDANCE (MOTION)
LASER GUIDANCE
MISSILE TRAJECTORIES
RANGE SAFETY
REENTRY
TRAJECTORY ANALYSIS

IMPACT PRESSURES

USE IMPACT LOADS

IMPACT RESISTANCE

UF IMPACT SENSITIVITY
GS SENSITIVITY
IMPACT RESISTANCE
SHOCK RESISTANCE
IMPACT RESISTANCE
RT CRASHWORTHINESS

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IMPACT RESISTANCE-(CONT)

PROPELLANT SENSITIVITY
∞ RESISTANCE
TOLERANCES (PHYSIOLOGY)

IMPACT SENSITIVITY

USE IMPACT RESISTANCE

IMPACT STRENGTH

GS MECHANICAL PROPERTIES
IMPACT STRENGTH
RT BRITTLE MATERIALS
BRITTLENESS
DUCTILITY
EARTHQUAKE RESISTANCE
HARDNESS
NOTCH SENSITIVITY
∞ RESISTANCE
SHEAR PROPERTIES
∞ STRENGTH
STRESS CONCENTRATION
WAVE RESISTANCE

IMPACT TESTING MACHINES

RT DROP TESTS
FATIGUE TESTS
∞ MACHINERY
∞ TEST EQUIPMENT

IMPACT TESTS

GS **IMPACT TESTS**
CHARPY IMPACT TEST
RT BRITTLENESS
COMPRESSION TESTS
DESTRUCTIVE TESTS
DROP TESTS
FATIGUE TESTS
HARDNESS TESTS
IMPACTORS
LOAD TESTS
∞ MATERIALS TESTS
NOTCH SENSITIVITY
NOTCH STRENGTH
NOTCH TESTS
SHOCK TESTS
STRAIN RATE
STRESS CONCENTRATION
∞ TESTS
TOUGHNESS

IMPACT TOLERANCES

GS TOLERANCES (MECHANICS)
IMPACT TOLERANCES
RT IMPACT DAMAGE

IMPACTORS

RT CRUSHERS
GRINDING MILLS
HAMMERS
IMPACT TESTS

IMPAIRMENT

RT DAMAGE
IMMOBILIZATION
INJURIES
LOSSES

IMPATT DIODES

USE AVALANCHE DIODES

IMPEDANCE

UF DUMMY LOADS
GS **IMPEDANCE**
ACOUSTIC IMPEDANCE
ELECTRICAL IMPEDANCE
* ELECTRICAL RESISTANCE
CONTACT RESISTANCE
SKIN RESISTANCE
REACTANCE
MECHANICAL IMPEDANCE
RESPIRATORY IMPEDANCE
RT ATTENUATION COEFFICIENTS
BANDWIDTH
CHOKES (RESTRICTIONS)
∞ CONDUCTIVITY
CONSTRICTIONS
DAMPING
DIFFUSIVITY
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
ELECTRIC COILS
ELECTRICAL PROPERTIES
∞ HYDRAULICS
MECHANICAL PROPERTIES

IMPEDANCE-(CONT)

∞ PHYSICAL PROPERTIES
 ∞ RESISTANCE
 RESONANT FREQUENCIES
 SMITH CHART
 TIME CONSTANT
 TRANSIENT RESPONSE

IMPEDANCE MATCHING

RT ANTENNA COUPLERS
 COUPLERS
 COUPLING CIRCUITS
 DIRECTIONAL COUPLERS
 ELECTRIC NETWORKS
 ELECTRICAL IMPEDANCE
 ITERATIVE NETWORKS
 MATCHING
 MODE TRANSFORMERS
 TRANSFER FUNCTIONS
 TRANSMISSION LINES
 WAVEGUIDE TUNERS
 WAVEGUIDE WINDOWS

IMPEDANCE MEASUREMENT

RT ELECTRICAL IMPEDANCE
 ELECTRICAL MEASUREMENT
 MECHANICAL IMPEDANCE
 MISMATCH (ELECTRICAL)
 RADIO FREQUENCY IMPEDANCE
 PROBES

IMPEDANCE PROBES

GS MEASURING INSTRUMENTS
IMPEDANCE PROBES
 RADIO FREQUENCY IMPEDANCE
 PROBES
 RT RESONANCE PROBES

IMPELLER BLADES

USE ROTOR BLADES (TURBOMACHINERY)

IMPELLERS

GS ROTATING BODIES
 ROTORS
IMPELLERS
 PUMP IMPELLERS
 RT BLOWERS
 CENTRIFUGAL COMPRESSORS
 CENTRIFUGAL PUMPS
 COMPRESSOR ROTORS
 PUMPS
 ROTOR BLADES (TURBOMACHINERY)
 STATORS
 TURBINE WHEELS
 TURBINES
 TURBOMACHINE BLADES
 VANES

IMPERFECTIONS

USE DEFECTS

IMPERIAL VALLEY (CA)

GS VALLEYS
IMPERIAL VALLEY (CA)
 RT CALIFORNIA
 DESERTS
 MEXICO

IMPINGEMENT

GS **IMPINGEMENT**
 JET IMPINGEMENT
 RT ABLATION
 ATTENUATION
 CAVITATION FLOW
 CORROSION
 EROSION
 GAS-SOLID INTERACTIONS
 IMPACT
 INCIDENCE
 REFLECTION
 SCATTERING

IMPLANTATION

GS **IMPLANTATION**
 HEART IMPLANTATION
 ION IMPLANTATION
 RT GRAFTING
 INJECTION
 INSERTION

IMPLANTED ELECTRODES (BIOLOGY)

GS ELECTRODES
IMPLANTED ELECTRODES (BIOLOGY)
 RT ∞ BIOLOGY

IMPLICATION

RT INFERENCE

IMPLOSIONS

RT BURSTS
 EXPLOSIONS
 EXPLOSIVE DECOMPRESSION
 PROPELLANT EXPLOSIONS
 SHOCK WAVES

IMPREGNATING

RT CHEMICAL ATTACK
 COATINGS
 FINISHES
 INSERTION
 LUBRICATION
 PERMEATING
 POROSITY
 PRESERVING
 SELF LUBRICATING MATERIALS
 SELF LUBRICATION

IMPROVED TIROS OPERATIONAL SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 TIROS SATELLITES
IMPROVED TIROS OPERATIONAL SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 RT TIROS M
 TIROS N SERIES SATELLITES

IMPROVEMENT

RT CORRECTION
 PUBLIC RELATIONS
 UPGRADING

IMPULSE GENERATORS

RT ∞ GENERATORS
 PULSE GENERATORS
 TURBINES

IMPULSES

RT HIGH IMPULSE
 SPECIFIC IMPULSE

IMPURITIES

GS **IMPURITIES**
 PSEUDOPOTENTIALS
 RT CONTAMINANTS
 CRYSTAL DEFECTS
 DIRT
 HETEROGENEITY
 INCLUSIONS
 POINT DEFECTS
 PSEUDOPOTENTIALS
 QUALITY
 TRACE CONTAMINANTS
 ULTRAPURE METALS
 WASTES

IMS

USE INTERNATIONAL MAGNETOSPHERIC
 STUDY

IN-FLIGHT MONITORING

RT CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 FLIGHT CONTROL
 FLIGHT TESTS
 MONITORS
 TELEMETRY

INACTIVATION

USE DEACTIVATION

INCANDESCENCE

GS DECAY
 EMISSION
 LIGHT EMISSION
INCANDESCENCE
 RT BRIGHTNESS
 COLOR
 EMISSIVITY
 ILLUMINATORS
 LIGHT (VISIBLE RADIATION)
 LUMINESCENCE
 LUMINOSITY
 LUMINOUS INTENSITY
 RADIANCE

INCANDESCENCE-(CONT)

SPECTRAL EMISSION
 THERMAL EMISSION

INCENDIARY AMMUNITION

GS **AMMUNITION**
INCENDIARY AMMUNITION
 RT BOMBS (ORDNANCE)
 COMBUSTION
 EXOTHERMIC REACTIONS
 GRENADES
 GUNS (ORDNANCE)
 IGNITERS
 MISSILES
 PROJECTILES
 PROPELLANTS
 PYROTECHNICS
 ∞ ROCKETS

INCENTIVE TECHNIQUES

RT COST INCENTIVES
 COST REDUCTION
 EFFICIENCY
 MANAGEMENT
 VALUE ENGINEERING

INCENTIVES

GS **INCENTIVES**
 CONTRACT INCENTIVES
 RT INCOME
 MANAGEMENT
 MANAGEMENT METHODS
 MOTIVATION
 PERSONNEL

INCIDENCE

GS **INCIDENCE**
 GRAZING INCIDENCE
 RT ANGLES (GEOMETRY)
 IMPINGEMENT

INCIDENT RADIATION

RT BISTATIC REFLECTIVITY
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 OBLIQUENESS
 OPTICAL REFLECTION
 PHOTON BEAMS
 ∞ RADIATION
 REFLECTED WAVES
 REFRACTED WAVES
 RETROREFLECTION
 SCATTERING
 STOKES LAW OF RADIATION
 WAVE INCIDENCE CONTROL

INCINERATION

USE INCINERATORS

INCINERATORS

UF INCINERATION
 RT BURNERS
 FURNACES
 WASTE DISPOSAL
 WASTE ENERGY UTILIZATION

∞ INCLINATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT GEOMAGNETISM
 MAGNETIC EQUATOR
 ORBITS
 SLOPES
 TENDENCIES

INCLUSIONS

GS DEFECTS
INCLUSIONS
 RT CASTING
 CASTINGS
 CLATHRATES
 HETEROGENEITY
 IMPURITIES
 METALLOGRAPHY
 VOIDS

INCOHERENCE

RT DISCONTINUITY
 NONSYNCHRONIZATION

INCOHERENT SCATTER RADAR

GS RADAR
INCOHERENT SCATTER RADAR

INCOHERENT SCATTERING

INCOHERENT SCATTER RADAR-(CONT)

RT EISCAT RADAR SYSTEM (EUROPE)
INCOHERENT SCATTERING
RADAR SCATTERING

INCOHERENT SCATTERING

GS SCATTERING
INCOHERENT SCATTERING
RT COHERENT SCATTERING
EISCAT RADAR SYSTEM (EUROPE)
ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC WAVE
TRANSMISSION
INCOHERENT SCATTER RADAR
NUCLEAR SCATTERING
RADAR SCATTERING

INCOME

RT BUDGETING
ECONOMICS
INCENTIVES

INCOMPATIBILITY

RT ABILITIES
CORROSION
HAZARDS
∞ INTERFERENCE
SOLUBILITY

INCOMPRESSIBILITY

RT COMPRESSIBILITY
FLUID MECHANICS

INCOMPRESSIBLE BOUNDARY LAYER

GS BOUNDARY LAYERS
INCOMPRESSIBLE BOUNDARY LAYER
RT LAMINAR BOUNDARY LAYER
TURBULENT BOUNDARY LAYER

INCOMPRESSIBLE FLOW

GS FLUID FLOW
INCOMPRESSIBLE FLOW
STOKES FLOW
RT AERODYNAMICS
BELTRAMI FLOW
COMPRESSIBLE FLOW
GAS FLOW
MILNE-THOMSON METHOD
NAVIER-STOKES EQUATION
REYNOLDS STRESS
STREAM FUNCTIONS (FLUIDS)
SUBSONIC FLOW

INCOMPRESSIBLE FLUIDS

GS INCOMPRESSIBLE FLUIDS
MICROPOLAR FLUIDS
RT BOUSSINESQ APPROXIMATION
CHANNEL FLOW
COMPRESSIBLE FLUIDS
FLUID POWER
∞ FLUIDS
IDEAL FLUIDS
NAVIER-STOKES EQUATION
OSEEN APPROXIMATION
SUPERFLUIDITY

INCONEL (TRADEMARK)

GS ALLOYS
NICKEL ALLOYS
INCONEL (TRADEMARK)
RT CHROMIUM ALLOYS
IRON ALLOYS

INCREASING

RT ACCUMULATIONS
AUGMENTATION
GROWTH
MAGNIFICATION
PROMOTION
SWELLING

INDENE

GS HYDROCARBONS
INDENE

INDENTATION

RT DEFORMATION
HARDNESS

INDEPENDENT VARIABLES

UF ARGUMENTS (MATHEMATICS)
PARAMETERS
GS INDEPENDENT VARIABLES
LATTICE PARAMETERS

INDEPENDENT VARIABLES-(CONT)

RT DEPENDENT VARIABLES
DISTRIBUTED PARAMETER SYSTEMS
OBSERVABILITY (SYSTEMS)
PARAMETER IDENTIFICATION
∞ VARIABLE

∞ INDEXES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT INDEXES (DOCUMENTATION)
INDEXES (RATIOS)
KP INDEX
KWIC INDEXES

INDEXES (DOCUMENTATION)

GS CLASSIFICATIONS
INDEXES (DOCUMENTATION)
KWIC INDEXES
RT ABSTRACTS
BIBLIOGRAPHIES
∞ CATALOGS
DOCUMENTATION
DOCUMENTS
HANDBOOKS
∞ INDEXES
INFORMATION DISSEMINATION
INFORMATION RETRIEVAL
LISTS
LITERATURE
∞ REFERENCE SYSTEMS
SELECTIVE DISSEMINATION OF
INFORMATION
SPACE GLOSSARIES
SUMMARIES
SUPPLEMENTS
THESAURI

INDEXES (RATIOS)

GS RATIOS
INDEXES (RATIOS)
KP INDEX
MORPHOLOGICAL INDEXES
RT EFFICIENCY
∞ INDEXES
MASS TO LIGHT RATIOS

INDIA

GS NATIONS
INDIA
RT ASIA
BANGLADESH
BHUTAN
HIMALAYAS
INDIAN SPACECRAFT
ISRO
SIKKIM

INDIAN OCEAN

GS OCEANS
INDIAN OCEAN
RT ARABIAN SEA
INDONESIA
MALAGASY REPUBLIC

INDIAN SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
INDIAN SPACE PROGRAM
RT COMMUNICATION SATELLITES
MANNED SPACE FLIGHT
∞ RESEARCH PROJECTS
SATELLITE DESIGN
SPACE MISSIONS
∞ SPACECRAFT
SPACECRAFT DESIGN
TECHNOLOGY UTILIZATION

INDIAN SPACE RESEARCH ORGANIZATION

USE ISRO

INDIAN SPACECRAFT

UF ARYABHATA
INSAT SATELLITES
IRS (INDIAN SPACECRAFT)
SEO (INDIAN SPACECRAFT)
RT INDIA
∞ SPACECRAFT

INDIANA

GS NATIONS
UNITED STATES
INDIANA

NASA THESAURUS (VOLUME 1)

INDIANA-(CONT)

RT OHIO RIVER (US)
WABASH RIVER BASIN (IL-IN-OH)

INDICATING INSTRUMENTS

UF TEMPERATURE INDICATORS
GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
APPROACH INDICATORS
ATTITUDE INDICATORS
GYRO HORIZONS
CLOUD HEIGHT INDICATORS
FLOW DIRECTION INDICATORS
WIND VANES
GYROCOMPASSES
MICROWAVE SENSORS
POSITION INDICATORS
ASTROLABES
PLAN POSITION INDICATORS
RADIO DIRECTION FINDERS
SPACECRAFT POSITION
INDICATORS
SMOKE DETECTORS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT WIRE ANEMOMETERS
LASER ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
WEIGHT INDICATORS
MICROBALANCES
STRAIN GAGE BALANCES
THERMOBALANCES
RT AIRCRAFT INSTRUMENTS
CONTROL MOMENT GYROSCOPES
∞ DETECTORS
DIALS
DISPLAY DEVICES
GAS DETECTORS
HEAD-UP DISPLAYS
HELMET MOUNTED DISPLAYS
∞ INDICATION
∞ INDICATORS
INSTRUMENT RECEIVERS
∞ INSTRUMENTS
RADARSCOPES
RECORDING INSTRUMENTS
THERMOCOUPLES
THERMOPILES

∞ INDICATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT EVALUATION
INDICATING INSTRUMENTS
PROBABILITY THEORY
SIGNS AND SYMPTOMS

∞ INDICATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT GUIDANCE
CHEMICAL INDICATORS
INDICATING INSTRUMENTS
METHYLENE BLUE
RATE OF CLIMB INDICATORS

INDIUM

GS CHEMICAL ELEMENTS
INDIUM
METALS
INDIUM

INDIUM ALLOYS

GS ALLOYS
INDIUM ALLOYS

INDIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
ANTIMONIDES
INDIUM ANTIMONIDES
INDIUM COMPOUNDS
INDIUM ANTIMONIDES
RT SEMICONDUCTORS (MATERIALS)

INDIUM ARSENIDES

GS ARSENIC COMPOUNDS
ARSENIDES
INDIUM ARSENIDES
INDIUM COMPOUNDS
INDIUM ARSENIDES

INDIUM COMPOUNDS

GS **INDIUM COMPOUNDS**
 INDIUM ANTIMONIDES
 INDIUM ARSENIDES
 INDIUM PHOSPHATES
 INDIUM PHOSPHIDES
 INDIUM SULFIDES
 INDIUM TELLURIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 ∞ METAL COMPOUNDS

INDIUM ISOTOPES

GS **CHEMICAL ELEMENTS**
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 INDIUM ISOTOPES
 METALS
 INDIUM ISOTOPES

INDIUM PHOSPHATES

GS **INDIUM COMPOUNDS**
INDIUM PHOSPHATES
 PHOSPHORUS COMPOUNDS
 PHOSPHATES
 INDIUM PHOSPHATES

INDIUM PHOSPHIDES

GS **INDIUM COMPOUNDS**
INDIUM PHOSPHIDES
 PHOSPHORUS COMPOUNDS
 PHOSPHIDES
 INDIUM PHOSPHIDES
 RT TRANSFERRED ELECTRON DEVICES

INDIUM SULFIDES

GS **CHALCOGENIDES**
 SULFIDES
 INORGANIC SULFIDES
 INDIUM SULFIDES
 INDIUM COMPOUNDS
INDIUM SULFIDES
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
 INDIUM SULFIDES

INDIUM TELLURIDES

GS **CHALCOGENIDES**
 TELLURIDES
INDIUM TELLURIDES
 INDIUM COMPOUNDS
INDIUM TELLURIDES
 TELLURIUM COMPOUNDS
 TELLURIDES
INDIUM TELLURIDES
 RT SEMICONDUCTORS (MATERIALS)

INDOLES

GS **HETEROCYCLIC COMPOUNDS**
 AZOLES
 PYRROLES
 INDOLES
 TRYPTOPHAN
 RT METHOXY SYSTEMS

INDONESIA

GS **LANDFORMS**
 ISLANDS
 INDONESIA
 NATIONS
 INDONESIA
 RT INDIAN OCEAN
 INDONESIA SPACE PROGRAM
 PACIFIC OCEAN

INDONESIAN SPACE PROGRAM

GS **PROGRAMS**
 SPACE PROGRAMS
INDONESIAN SPACE PROGRAM
 RT INDONESIA
 PALAPA SATELLITES
 PALAPA 2 SATELLITE

INDOOR AIR POLLUTION

GS **POLLUTION**
 ENVIRONMENT POLLUTION
 AIR POLLUTION
INDOOR AIR POLLUTION
 RT AIR QUALITY
 AIR SAMPLING
 ∞ BUILDINGS

INDUCED FLUID FLOW

USE FLUID FLOW

INDUCTANCE

GS **ELECTROMAGNETIC PROPERTIES**
 ELECTRICAL PROPERTIES
INDUCTANCE
 PROXIMITY EFFECT (ELECTRICITY)
 RT CAPACITANCE
 ELECTRICAL IMPEDANCE
 LC CIRCUITS
 MAGNETIC INDUCTION
 MAGNETIC PROPERTIES
 REACTANCE
 RL CIRCUITS
 TRANSFORMERS

 ∞ **INDUCTION**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARC GENERATORS
 DERIVATION
 INDUCTION (MATHEMATICS)
 INFERENCE
 INITIATION
 MAGNETIC INDUCTION
 NUMBER THEORY

INDUCTION (MATHEMATICS)

GS **NUMBER THEORY**
INDUCTION (MATHEMATICS)
 RT ∞ INDUCTION
 MATHEMATICAL LOGIC

INDUCTION HEATING

GS **HEATING**
INDUCTION HEATING
 RT FURNACES
 MAGNETIC INDUCTION
 MAGNETIC PUMPING
 MELTING
 PLASMA HEATING
 RADIO FREQUENCY HEATING
 VACUUM MELTING

INDUCTION MOTORS

GS **MOTORS**
 ELECTRIC MOTORS
INDUCTION MOTORS
 RT ALTERNATING CURRENT
 ARMATURES
 ASYNCHRONOUS MOTORS
 ∞ ELECTRIC POWER
 ELECTRIC POWER SUPPLIES
 POWER FACTOR CONTROLLERS
 ∞ ROTATING ELECTRICAL MACHINES
 SYNCHRONOUS MOTORS

INDUCTION SYSTEMS

USE INTAKE SYSTEMS

INDUCTORS

RT ARC GENERATORS
 BALLASTS (IMPEDANCES)
 CIRCUITS
 ∞ COILS
 ELECTRIC ENERGY STORAGE
 ENERGY STORAGE
 MAGNET COILS
 TOROIDS

INDUSTRIAL AREAS

RT **CITIES**
 COMMERCE
 CONSTRUCTION INDUSTRY
 ∞ FACILITIES
 INDUSTRIES
 LAND USE
 MARKETING
 MEGALOPOLISES
 REGIONAL PLANNING
 SHIPYARDS
 SITE SELECTION
 URBAN DEVELOPMENT
 URBAN TRANSPORTATION

INDUSTRIAL ENERGY

RT **ALLOCATIONS**
 COMMERCIAL ENERGY
 DISTRIBUTING
 DOMESTIC ENERGY
 ECONOMIC FACTORS
 ∞ ENERGY

INDUSTRIAL ENERGY-(CONT)

ENERGY CONSUMPTION
 ENERGY CONVERSION
 TRANSPORTATION ENERGY

INDUSTRIAL MANAGEMENT

UF **BUSINESS MANAGEMENT**
 GS **MANAGEMENT**
INDUSTRIAL MANAGEMENT
 ENGINEERING MANAGEMENT
 INVENTORY MANAGEMENT
 INVENTORY CONTROLS
 PERSONNEL MANAGEMENT
 RT PRODUCTION MANAGEMENT
 RESEARCH MANAGEMENT
 SYSTEMS MANAGEMENT

INDUSTRIAL PLANTS

UF **FACTORIES**
 PLANTS (INDUSTRIES)
 GS **INDUSTRIAL PLANTS**
 FOUNDRIES
 RT CONSTRUCTION INDUSTRY
 ∞ FACILITIES
 PILOT PLANTS

INDUSTRIAL SAFETY

GS **SAFETY**
INDUSTRIAL SAFETY
 RT ACCIDENTS
 BENZENE POISONING
 BERYLLIUM POISONING
 CARBON TETRACHLORIDE POISONING
 HEALTH PHYSICS
 HYDROCARBON POISONING
 INDUSTRIES
 OCCUPATION
 REACTOR SAFETY

INDUSTRIAL WASTES

GS **WASTES**
INDUSTRIAL WASTES
 RT INDUSTRIES
 LANDFILLS
 LIQUID WASTES
 SOLID WASTES
 WASTE DISPOSAL
 WASTE UTILIZATION
 WASTE WATER

INDUSTRIES

GS **INDUSTRIES**
 AEROSPACE INDUSTRY
 AIRCRAFT INDUSTRY
 CONSTRUCTION INDUSTRY
 DEFENSE INDUSTRY
 WEAPONS INDUSTRY
 RT AIRCRAFT PRODUCTION COSTS
 COMMERCE
 COMMERCIAL SPACECRAFT
 CONTRACT NEGOTIATION
 CONTRACTORS
 ECONOMIC DEVELOPMENT
 ECONOMIC IMPACT
 GROSS NATIONAL PRODUCT
 INDUSTRIAL AREAS
 INDUSTRIAL SAFETY
 INDUSTRIAL WASTES
 MANUFACTURING
 PERSONNEL SUBSYSTEMS
 RETIREMENT
 SHIPYARDS
 SPACE INDUSTRIALIZATION
 SPACE MANUFACTURING
 TECHNOLOGIES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION
 UTILITIES

INELASTIC BODIES

USE RIGID STRUCTURES

INELASTIC COLLISIONS

GS **COLLISIONS**
INELASTIC COLLISIONS
 RT SCATTERING

INELASTIC SCATTERING

GS **SCATTERING**
INELASTIC SCATTERING
 RT COHERENT SCATTERING
 COMPTON EFFECT
 ELASTIC SCATTERING
 ELECTRON SCATTERING
 MANDELSTAM REPRESENTATION

INELASTIC STRESS

INELASTIC SCATTERING-(CONT)

NUCLEAR SCATTERING
QUARK PARTON MODEL

INELASTIC STRESS

RT CYCLIC LOADS
MATHEMATICAL MODELS
METAL FATIGUE
STRESS ANALYSIS
STRESS-STRAIN DIAGRAMS

INEQUALITIES

GS INEQUALITIES
SCHWARTZ INEQUALITY
RT MATHEMATICS

INERT ATMOSPHERE

GS CONTROLLED ATMOSPHERES
INERT ATMOSPHERE

INERT GASES

USE RARE GASES

INERTIA

UF INERTIAL FORCES
GS INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
RT FORCE
FROUDE NUMBER
MASS
MOMENTS OF INERTIA
MOTION
SIMILITUDE LAW

INERTIA BONDING

GS BONDING
INERTIA BONDING
RT JOINING
METAL-METAL BONDING

INERTIA MOMENTS

USE MOMENTS OF INERTIA

INERTIA PRINCIPLE

GS INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
RT EQUATIONS OF MOTION
MOMENTS OF INERTIA

INERTIA WHEELS

USE COUNTER-ROTATING WHEELS
REACTION WHEELS

INERTIAL CONFINEMENT FUSION

GS INERTIAL CONFINEMENT FUSION
IMPACT FUSION
RT STRONGLY COUPLED PLASMAS

INERTIAL COORDINATES

GS COORDINATES
INERTIAL COORDINATES
RT ASTROGUIDE NAVIGATION SYSTEM
GEOCENTRIC COORDINATES
INERTIALESS STEERABLE ANTENNAS

INERTIAL FORCES

USE INERTIA

INERTIAL FUSION (REACTOR)

RT FUSION
FUSION REACTORS
ION BEAMS
LASER FUSION
LASER PLASMAS
NUCLEAR FUELS
PLASMA COMPRESSION
PULSED LASERS
RELATIVISTIC ELECTRON BEAMS

INERTIAL GUIDANCE

GS GUIDANCE (MOTION)
INERTIAL GUIDANCE
STRAPDOWN INERTIAL GUIDANCE
RT INJECTION GUIDANCE
MIDCOURSE GUIDANCE
REENTRY GUIDANCE
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
STABILIZED PLATFORMS
TERMINAL GUIDANCE

INERTIAL MEASURING UNITS

USE INERTIAL PLATFORMS

INERTIAL NAVIGATION

GS NAVIGATION
INERTIAL NAVIGATION
ASTROGUIDE NAVIGATION SYSTEM
GIMBALLESS INERTIAL NAVIGATION
RT AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
CELESTIAL NAVIGATION
DEAD RECKONING
DIGITAL NAVIGATION
HYPERBOLIC NAVIGATION
NAVIGATION AIDS
POLAR NAVIGATION
RADAR NAVIGATION
RADIO NAVIGATION
SCHULER TUNING
SPACE NAVIGATION
STAR TRACKERS
STRAPDOWN INERTIAL GUIDANCE
SURFACE NAVIGATION

INERTIAL PLATFORMS

UF INERTIAL MEASURING UNITS
RT GIMBALLESS INERTIAL NAVIGATION
GYROSCOPIC STABILITY
KALMAN-SCHMIDT FILTERING
NAVIGATION INSTRUMENTS
PLATFORMS
THREE AXIS STABILIZATION

INERTIAL REFERENCE SYSTEMS

RT CELESTIAL REFERENCE SYSTEMS
REFERENCE SYSTEMS
RELATIVITY
SYSTEMS

INERTIAL UPPER STAGE

UF INTERIM UPPER STAGE (STS)
IUS
GS INTERIM STAGES (SPACECRAFT)
INERTIAL UPPER STAGE
RT ORBIT TRANSFER VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLE ORBITERS
SPACE SHUTTLES
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE TUGS
ULYSSES MISSION
UPPER STAGE ROCKET ENGINES

INERTIALESS STEERABLE ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
ARRAYS
ANTENNA ARRAYS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
RT COMMUNICATION EQUIPMENT
INERTIAL COORDINATES

INFARCTION

GS DISEASES
INFARCTION
MYOCARDIAL INFARCTION
RT EMBOLISMS
THROMBOSIS
TISSUES (BIOLOGY)

INFECTIONS

USE INFECTIOUS DISEASES

INFECTIOUS DISEASES

UF INFECTIONS
GS DISEASES
INFECTIOUS DISEASES
AIRBORNE INFECTION
CHOLERA
CONJUNCTIVITIS
DERMATITIS
CONTACT DERMATITIS
DIPHTHERIA
HEPATITIS
INFLUENZA
MENINGITIS
POLIOMYELITIS
SMALLPOX

NASA THESAURUS (VOLUME 1)

INFECTIOUS DISEASES-(CONT)

SYPHILIS
TUBERCULOSIS
TYPHOID
TYPHUS
RT ANTISEPTICS
ASPERGILLUS
BLISTERS
EPIDEMIOLOGY
IMMUNITY
LEUKOPENIA
PARASITIC DISEASES

INFERENCE

RT ASSUMPTIONS
DEDUCTION
HYPOTHESES
IMPLICATION
INDUCTION

INFESTATION

UF INSECT DAMAGE
RT BEETLES
BOLL WEEVILS
BOLLWORMS
CHIRONOMUS FLIES
FLATWORMS
INSECTS
LARVAE
LOCUSTS
MOTHS
PARASITES
PLANTS (BOTANY)
SILKWORMS
WORMS

INFILTRATION

RT AIR CONDITIONING
PERMEABILITY
POROSITY
VOIDS
WARFARE

INFINITE SPAN WINGS

GS AIRFOILS
THIN AIRFOILS
THIN WINGS
INFINITE SPAN WINGS
WINGS
SLENDER WINGS
INFINITE SPAN WINGS
THIN WINGS
INFINITE SPAN WINGS
UNSWEPT WINGS
INFINITE SPAN WINGS
PLANFORMS
WING PLANFORMS
INFINITE SPAN WINGS
RT FLEXIBLE WINGS

INFINITY

RT FUNCTIONS (MATHEMATICS)
GEOMETRY
NUMBER THEORY
PROBABILITY THEORY
REAL VARIABLES
SERIES (MATHEMATICS)

INFLATABLE DEVICES

USE INFLATABLE STRUCTURES

INFLATABLE GLIDERS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE GLIDERS
GLIDERS
PARAGLIDERS
INFLATABLE GLIDERS
RT AIRCRAFT

INFLATABLE SPACECRAFT

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
EXPLORER 22 SATELLITE
RT ARTIFICIAL SATELLITES
ORBITAL ASSEMBLY
SELF ERECTING DEVICES
SPACECRAFT

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INFLATABLE SPACECRAFT-(CONT)

UNMANNED SPACECRAFT

INFLATABLE STRUCTURES

- UF DEFLATING
- GS INFLATABLE DEVICES
- EXPANDABLE STRUCTURES
- INFLATABLE STRUCTURES
- BALLOONS
- HIGH ALTITUDE BALLOONS
- JIMSPHERE BALLOONS
- SKYHOOK BALLOONS
- SUPERPRESSURE BALLOONS
- METEOROLOGICAL BALLOONS
- JIMSPHERE BALLOONS
- ROBIN BALLOONS
- MICROBALLOONS
- TETHERED BALLOONS
- BALLUTES
- GAS BAGS
- INFLATABLE GLIDERS
- INFLATABLE SPACECRAFT
- BEACON SATELLITES
- BEACON EXPLORER A
- EXPLORER 22 SATELLITE
- PARAVULCOONS
- RT AIRSHIPS
- BOATS
- ∞ BUILDINGS
- FLEXIBLE BODIES
- FLEXIBLE WINGS
- FLOATS
- FOLDING STRUCTURES
- INFLATING
- LIFE RAFTS
- LUNAR SHELTERS
- PNEUMATIC EQUIPMENT
- PRESSURE SUITS
- RADOMES
- SELF ERECTING DEVICES
- SPACE ERECTABLE STRUCTURES
- SPACE STATIONS
- ∞ STRUCTURES
- TIRES
- VARIABLE GEOMETRY STRUCTURES

INFLATING

- SN (EXCLUDES ECONOMIC INFLATION)
- RT EXPANSION
- GAS INJECTION
- GROWTH
- INFLATABLE STRUCTURES
- PRESSURE REDUCTION
- PRESSURIZING
- SWELLING

INFLECTION POINTS

- GS GEOMETRY
- EUCLEIDEAN GEOMETRY
- POINTS (MATHEMATICS)
- INFLECTION POINTS
- RT CURVES (GEOMETRY)
- FUNCTIONS (MATHEMATICS)
- LINE SHAPE
- REAL VARIABLES

INFLUENCE COEFFICIENT

- GS COEFFICIENTS
- INFLUENCE COEFFICIENT
- STRUCTURAL INFLUENCE
- COEFFICIENTS
- RT AEROELASTICITY
- DISCHARGE COEFFICIENT
- ELASTIC PROPERTIES
- FLUTTER
- FORCE DISTRIBUTION
- ∞ HYDRAULICS
- MOMENT DISTRIBUTION
- NOZZLE THRUST COEFFICIENTS
- PLASTIC PROPERTIES
- PRESSURE DISTRIBUTION
- STRESS ANALYSIS
- STRUCTURAL ANALYSIS

INFLUENZA

- GS DISEASES
- INFECTIOUS DISEASES
- INFLUENZA
- RESPIRATORY DISEASES
- INFLUENZA

INFORMATION

- RT ANNOTATIONS
- COMMUNICATING
- COMMUNICATION

INFORMATION-(CONT)

- ∞ DATA
- DOCUMENTATION
- MATHEMATICAL TABLES
- NEWS MEDIA
- PRESENTATION
- PRIVACY
- REPORTS

INFORMATION ADAPTIVE SYSTEM

- GS INFORMATION SYSTEMS
- INFORMATION ADAPTIVE SYSTEM
- RT COMMUNICATION EQUIPMENT
- ∞ SYSTEMS

INFORMATION DISSEMINATION

- GS COMMUNICATING
- INFORMATION DISSEMINATION
- MESSAGES
- SELECTIVE DISSEMINATION OF
- INFORMATION
- RT BIBLIOGRAPHIES
- CATALOGS (PUBLICATIONS)
- DOCUMENTATION
- EXTRATERRESTRIAL COMMUNICATION
- INDEXES (DOCUMENTATION)
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- LIBRARIES
- PRIVACY
- REPORTS
- SUMMARIES

INFORMATION FLOW

- RT AEROSPACE TECHNOLOGY TRANSFER
- COMMUNICATING
- COMMUNICATION
- ∞ FLOW
- INFORMATION TRANSFER
- MANAGEMENT
- MESSAGE PROCESSING
- SELECTIVE DISSEMINATION OF
- INFORMATION
- TECHNOLOGY TRANSFER

INFORMATION MANAGEMENT

- GS MANAGEMENT
- INFORMATION MANAGEMENT
- RT COMMUNICATING
- COMMUNICATION
- DATA BASE MANAGEMENT SYSTEMS
- DATA RETRIEVAL
- DATA STORAGE
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- TECHNOLOGY TRANSFER

INFORMATION RETRIEVAL

- GS RETRIEVAL
- INFORMATION RETRIEVAL
- RT ABSTRACTS
- BIBLIOGRAPHIES
- COMMAND LANGUAGES
- COMPUTERS
- DATA PROCESSING
- DATA RETRIEVAL
- DOCUMENTATION
- DOCUMENTS
- INDEXES (DOCUMENTATION)
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- INTERSERVICE DATA EXCHANGE
- PROGRAM
- LIBRARIES
- MANAGEMENT INFORMATION SYSTEMS
- NUMERICAL DATA BASES
- ON-LINE SYSTEMS
- QUERY LANGUAGES
- SEARCH PROFILES
- SELECTIVE DISSEMINATION OF
- INFORMATION
- SPACE GLOSSARIES
- STARSITE PROGRAM
- SUBJECTS
- THESAURI

INFORMATION SYSTEMS

- GS INFORMATION SYSTEMS
- ATMOSPHERIC & OCEANOGRAPHIC
- INFORM SYS
- EARTH RESOURCES INFORMATION
- SYSTEM
- GEOGRAPHIC INFORMATION SYSTEMS
- INFORMATION ADAPTIVE SYSTEM
- INTEGRATED LIBRARY SYSTEMS

INFRARED ASTRONOMY

INFORMATION SYSTEMS-(CONT)

- MANAGEMENT INFORMATION
- SYSTEMS
- NUMERICAL DATA BASES
- RT INFORMATION TRANSFER
- LIBRARIES
- MANAGEMENT SYSTEMS
- ON-LINE SYSTEMS
- SELECTIVE DISSEMINATION OF
- INFORMATION
- ∞ SYSTEMS
- SYSTEMS MANAGEMENT

INFORMATION THEORY

- UF SHANNON INFORMATION THEORY
- RT ∞ APPLICATIONS OF MATHEMATICS
- AUTOMATA THEORY
- ∞ AUTOMATION
- BCH CODES
- CODING
- COMBINATORIAL ANALYSIS
- COMMUNICATION THEORY
- COMPUTERS
- CORRECTION
- CORRELATION
- CRYPTOGRAPHY
- CYBERNETICS
- DATA PROCESSING
- DATA TRANSMISSION
- DECISION THEORY
- ERGODIC PROCESS
- ERROR DETECTION CODES
- FOURIER ANALYSIS
- GAME THEORY
- ∞ LOGIC
- MACHINE TRANSLATION
- MANAGEMENT INFORMATION SYSTEMS
- ∞ MATHEMATICS
- MAXIMUM ENTROPY METHOD
- MESSAGES
- ∞ NOISE
- OPERATIONS RESEARCH
- PARITY
- PETRI NETS
- PHASE SHIFT KEYING
- PROBABILITY THEORY
- QUANTUM AMPLIFIERS
- RANDOM PROCESSES
- REDUNDANCY
- SHANNON-WIENER MEASURE
- STATISTICAL ANALYSIS
- ∞ STATISTICS
- STOCHASTIC PROCESSES
- SYSTEMS ENGINEERING
- TELECOMMUNICATION
- TERMS
- ∞ THEORIES

INFORMATION TRANSFER

- RT INFORMATION DISSEMINATION
- INFORMATION FLOW
- INFORMATION MANAGEMENT
- INFORMATION RETRIEVAL
- INFORMATION SYSTEMS
- INTERNATIONAL COOPERATION
- TECHNOLOGY TRANSFER
- TECHNOLOGY UTILIZATION

INFORMATION TRANSMISSION

- USE DATA TRANSMISSION

INFRARED ABSORPTION

- GS ELECTROMAGNETIC PROPERTIES
- ELECTROMAGNETIC ABSORPTION
- INFRARED ABSORPTION
- ENERGY ABSORPTION
- ELECTROMAGNETIC ABSORPTION
- INFRARED ABSORPTION
- RADIATION ABSORPTION
- ELECTROMAGNETIC ABSORPTION
- INFRARED ABSORPTION
- RT ∞ ABSORPTION
- ATMOSPHERIC ATTENUATION
- ATMOSPHERIC OPTICS
- INFRARED RADIATION
- LIGHT SCATTERING
- OPTICAL PROPERTIES
- THERMAL EMISSION
- TRANSMITTANCE
- WAVE ATTENUATION

INFRARED ASTRONOMY

- GS ASTRONOMY
- INFRARED ASTRONOMY
- RT ASTRONOMICAL PHOTOGRAPHY

INFRARED ASTRONOMY SATELLITE

INFRARED ASTRONOMY-(CONT)

INFRARED ASTRONOMY SATELLITE
INFRARED PHOTOMETRY
SPACE INFRARED TELESCOPE FACILITY

INFRARED ASTRONOMY SATELLITE

UF IRAS
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
INFRARED ASTRONOMY SATELLITE
RT GEOSYNCHRONOUS ORBITS
INFRARED ASTRONOMY
IRAS-ARAKI-ALCOCK COMET

INFRARED DETECTORS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
INFRARED DETECTORS
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
RT BOLOMETERS
 ∞ DETECTORS
ELECTROMAGNETIC MEASUREMENT
FOREST FIRE DETECTION
INFRARED SIGNATURES
MERCURY CADMIUM TELLURIDES

INFRARED FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
OPTICAL FILTERS
INFRARED FILTERS
RT ELECTRIC FILTERS
ULTRAVIOLET FILTERS

INFRARED HORIZON SCANNERS

USE HORIZON SCANNERS
INFRARED SCANNERS

INFRARED IMAGERY

GS IMAGERY
INFRARED IMAGERY
PHOTOGRAPHY
INFRARED IMAGERY
RT COLOR INFRARED PHOTOGRAPHY
LUNAR EQUATOR
THERMOGRAPHY
X RAY IMAGERY

INFRARED INSPECTION

GS INSPECTION
INFRARED INSPECTION
RT QUALITY CONTROL

INFRARED INSTRUMENTS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
INFRARED SCANNERS
INFRARED SPECTROMETERS
INFRARED SPECTROPHOTOMETERS
RT FOREST FIRE DETECTION

INFRARED INTERFEROMETERS

GS MEASURING INSTRUMENTS
INTERFEROMETERS
INFRARED INTERFEROMETERS
RT INTERFEROMETRY
OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS

INFRARED LASERS

UF INFRARED MASERS
IRASERS
GS STIMULATED EMISSION DEVICES
LASERS
INFRARED LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS
CHEMICAL LASERS
DYE LASERS
GAS LASERS
HF LASERS
LIQUID LASERS
ORGANIC LASERS
SOLID STATE LASERS

INFRARED LASERS-(CONT)

WAVEGUIDE LASERS

INFRARED MASERS

USE INFRARED LASERS

INFRARED PHOTOGRAPHY

GS IMAGERY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
FAINT OBJECT CAMERA
FOREST FIRE DETECTION
GEOGRAPHIC INFORMATION SYSTEMS
ICE MAPPING
LUNAR PHOTOGRAPHY
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
MULTISPECTRAL BAND CAMERAS
NIMBUS SATELLITES
RADIOMETERS
SATELLITE BORNE PHOTOGRAPHY
TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY

INFRARED PHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
INFRARED PHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
INFRARED ASTRONOMY
INFRARED SPECTRA
NEAR INFRARED RADIATION
STELLAR SPECTROPHOTOMETRY

INFRARED RADAR

GS RADAR
INFRARED RADAR
RT FLIR DETECTORS
RADAR IMAGERY

INFRARED RADIATION

GS ELECTROMAGNETIC RADIATION
INFRARED RADIATION
FAR INFRARED RADIATION
NEAR INFRARED RADIATION
RT BEAMS (RADIATION)
BLACK BODY RADIATION
COHERENT ELECTROMAGNETIC
RADIATION
ENERGY ABSORPTION
EVAPOROGRAPHY
EXHAUST EMISSION
HEAT
INFRARED ABSORPTION
INFRARED SIGNATURES
LIGHT (VISIBLE RADIATION)
MICROWAVES
MONOCHROMATIC RADIATION
PLANETARY RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
 ∞ RADIATION
SEYFERT GALAXIES
SOLAR RADIATION
SUNLIGHT
TERRESTRIAL RADIATION
THERMAL RADIATION
WAVELENGTHS
XENON LAMPS

INFRARED RADIOMETERS

GS MONITORS
INFRARED RADIOMETERS
RT AERIAL RECONNAISSANCE
ATMOSPHERIC CORRECTION
DATA ACQUISITION
EARTH RESOURCES PROGRAM
ENVIRONMENTAL MONITORING
FOREST FIRE DETECTION
PRESSURE MODULATOR RADIOMETERS
RADIOMETRIC CORRECTION
SATELLITE-BORNE INSTRUMENTS
THERMAL MAPPING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

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INFRARED REFLECTION

GS REFLECTION
INFRARED REFLECTION
RT OPTICAL REFLECTION
RADIATIVE HEAT TRANSFER
RADIO ECHOES
SPREAD REFLECTION
ULTRAVIOLET REFLECTION

INFRARED SCANNERS

UF INFRARED HORIZON SCANNERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
INFRARED SCANNERS
INFRARED INSTRUMENTS
INFRARED SCANNERS
SCANNERS
INFRARED SCANNERS
RT FOREST FIRE DETECTION
HORIZON SCANNERS
MULTISPECTRAL BAND SCANNERS
OPTICAL EQUIPMENT
SCANNER PROJECT
THERMAL MAPPING

INFRARED SIGNATURES

GS SIGNATURES
INFRARED SIGNATURES
RT INFRARED DETECTORS
INFRARED RADIATION
INFRARED SPECTRA
SIGNATURE ANALYSIS

INFRARED SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
INFRARED SPECTRA
RT ∞ ABSORPTION
EMISSION SPECTRA
INFRARED PHOTOMETRY
INFRARED SIGNATURES
LINE SPECTRA
MICROWAVE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
STELLAR SPECTRA

INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
INFRARED INSTRUMENTS
INFRARED SPECTROMETERS
SPECTROMETERS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
RT EBERT SPECTROMETERS
SOLAR SPECTROMETERS

INFRARED SPECTROPHOTOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
SPECTROPHOTOMETERS
INFRARED SPECTROPHOTOMETERS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
INFRARED INSTRUMENTS
INFRARED SPECTROPHOTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SPECTROPHOTOMETERS
INFRARED SPECTROPHOTOMETERS
RT CHEMICAL ANALYSIS
FILTER WHEEL INFRARED
SPECTROMETERS
PHOTOMETERS

INFRARED SPECTROSCOPY

GS SPECTROSCOPY
INFRARED SPECTROSCOPY
 RT ABSORPTION SPECTROSCOPY
 ASTRONOMICAL SPECTROSCOPY
 CHEMICAL ANALYSIS
 ELECTRON SPECTROSCOPY
 LASER SPECTROMETERS
 MOLECULAR SPECTROSCOPY
 MOLECULAR STRUCTURE
 OPTOGALVANIC SPECTROSCOPY
 RAMAN SPECTROSCOPY
 SPECTROMETERS
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY

INFRARED STARS

GS CELESTIAL BODIES
 STARS
INFRARED STARS
 RT HERBIG-HARO OBJECTS

INFRARED SUPPRESSION

RT AFTERBURNING
 AIRCRAFT DETECTION
 AIRCRAFT ENGINES
 COOLING SYSTEMS
 EXHAUST GASES
 EXHAUST NOZZLES
 HEAT SHIELDING
 JET ENGINES
 JET EXHAUST
 REACTION PRODUCTS
 SUPPRESSORS
 TEMPERATURE CONTROL

INFRARED TELESCOPES

GS TELESCOPES
 ASTRONOMICAL TELESCOPES
INFRARED TELESCOPES
 SPACE INFRARED TELESCOPE
 FACILITY
 RT ASTRONOMY
 SPACE INFRARED TELESCOPE FACILITY

INFRARED TRACKING

GS TRACKING (POSITION)
INFRARED TRACKING
 RT ANTIMISSILE MISSILES
 COMPENSATORY TRACKING
 HOMING DEVICES
 MISSILE TRACKING
 OPTICAL TRACKING
 PURSUIT TRACKING
 RADIOMETERS

INFRARED WINDOWS

RT APERTURES
 LASERS
 ∞ WINDOWS

INFRASONIC FREQUENCIES

GS FREQUENCIES
INFRASONIC FREQUENCIES
 RT ACOUSTICS

∞ INGESTION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT INGESTION (BIOLOGY)
 INGESTION (ENGINES)

INGESTION (BIOLOGY)

GS **INGESTION (BIOLOGY)**
 DRINKING
 EATING
 GRAZING
 RT ∞ INGESTION
 SWALLOWING

INGESTION (ENGINES)

RT ENGINE FAILURE
 ∞ INGESTION

INGOTS

GS CASTINGS
INGOTS
 RT BILLETS
 CASTING
 MOLDS
 SOLIDIFICATION

INGREDIENTS

RT ADMIXTURES
 ∞ COMPONENTS
 ∞ COMPOSITION
 CONTENT
 FORMULATIONS
 MIXTURES

INGRESS (SPACECRAFT PASSAGEWAY)

RT AIR LOCKS
 DOORS
 EGRESS
 HATCHES
 OPENINGS

INHABITANTS

GS COMMUNITIES
INHABITANTS
 MOUNTAIN INHABITANTS
 RT ABORIGINES
 CITIES
 DEMOGRAPHY
 PERSONNEL
 RESIDENTIAL AREAS

INHALATION

USE RESPIRATION

∞ INHIBITION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ATTENUATION
 CORROSION PREVENTION
 DETACHMENT
 DITHERS
 FRUSTRATION
 HANDICAPS
 INHIBITION (PSYCHOLOGY)
 INHIBITORS
 INTROVERSION
 LETHARGY
 PASSIVITY
 PREVENTION
 ∞ REDUCTION
 STOPPING

INHIBITION (PSYCHOLOGY)

RT CONDITIONING (LEARNING)
 ∞ INHIBITION

INHIBITORS

GS **INHIBITORS**
 WEAR INHIBITORS
 RT ADDITIVES
 ANTIDOTES
 ANTIFOULING
 ANTICING ADDITIVES
 ANTIOXIDANTS
 CASE BONDED PROPELLANTS
 CATALYSTS
 COATINGS
 CORROSION PREVENTION
 ∞ INHIBITION
 NEUTRALIZERS
 PACKAGING
 PASSIVITY
 PROPELLANT ADDITIVES
 PROPELLANT DECOMPOSITION
 PROPELLANT STORABILITY
 RETARDANTS
 SILENCERS
 SOLID PROPELLANT IGNITION
 SOLID PROPELLANTS
 SUPPRESSORS

INHOMOGENEITY

UF NONHOMOGENEITY
 RT DEFECTS
 HETEROGENEITY
 NONUNIFORMITY

INHOOR EQUATION

RT ∞ EQUATIONS
 NUCLEAR REACTIONS
 NUCLEAR REACTORS
 REACTIVITY
 REACTOR PHYSICS

INITIAL VALUE PROBLEMS

USE BOUNDARY VALUE PROBLEMS

INITIATION

RT ACTIVATION

INITIATION-(CONT)

ACTUATION
 DETONATION
 ∞ GENERATION
 ∞ INDUCTION
 INOCULATION
 NUCLEATION
 ∞ PRIMING
 REACTOR STARTUP TESTS
 STARTING
 STIMULATION

∞ INITIATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CATALYSTS
 INITIATORS (EXPLOSIVES)
 STYPHNATES

INITIATORS (EXPLOSIVES)

UF ELECTROEXPLOSIVE DEVICES
 GS EXPLOSIVE DEVICES
INITIATORS (EXPLOSIVES)
 BOOSTERS (EXPLOSIVES)
 CAPS (EXPLOSIVES)
 DETONATORS
 EXPLODING WIRES
 PRIMERS (EXPLOSIVES)
 IGNITERS
INITIATORS (EXPLOSIVES)
 BOOSTERS (EXPLOSIVES)
 CAPS (EXPLOSIVES)
 DETONATORS
 PRIMERS (EXPLOSIVES)
 RT FUSES (ORDNANCE)
 ∞ INITIATORS
 PYROTECHNICS
 STYPHNATES

INJECTION

GS **INJECTION**
 CARRIER INJECTION
 FLUID INJECTION
 GAS INJECTION
 LIQUID INJECTION
 DEEP WELL INJECTION (WASTES)
 WATER INJECTION
 FUEL INJECTION
 ION INJECTION
 SECONDARY INJECTION
 TRANSEARTH INJECTION
 TRANSLUNAR INJECTION
 RT BARRITT DIODES
 BLOWING
 BOUNDARY LAYER SEPARATION
 ∞ CHARGING
 FEEDING (SUPPLYING)
 FILLING
 FLUID FLOW
 IMPLANTATION
 INJECTORS
 INPUT
 PERFORATING
 SUPPLYING

INJECTION CARBURETORS

USE CARBURETORS
 FUEL INJECTION

INJECTION GUIDANCE

GS GUIDANCE (MOTION)
INJECTION GUIDANCE
 RT ASCENT TRAJECTORIES
 CELESTIAL NAVIGATION
 COMMAND GUIDANCE
 INERTIAL GUIDANCE
 MIDCOURSE GUIDANCE
 RENDEZVOUS GUIDANCE
 SATELLITE GUIDANCE
 SPACECRAFT GUIDANCE
 TRANSEARTH INJECTION
 TRANSLUNAR INJECTION

INJECTION LASERS

GS STIMULATED EMISSION DEVICES
 LASERS
INJECTION LASERS
 RT GALLIUM ARSENIDE LASERS
 GALLIUM ARSENIDES
 INJECTION LOCKING
 SEMICONDUCTOR LASERS

INJECTION LOCKING

RT CARRIER INJECTION

INJECTION MOLDING

INJECTION LOCKING-(CONT)
INJECTION LASERS
LASER MODE LOCKING

INJECTION MOLDING
GS FORMING TECHNIQUES
INJECTION MOLDING
RT CERAMICS
DIES
EXTRUDING
MELTING
MOLDING MATERIALS
MOLDS
PLASTICS

INJECTORS
GS **INJECTORS**
VORTEX INJECTORS
RT BLOWERS
CARBURETORS
EJECTORS
FEEDERS
FUEL INJECTION
FUEL SYSTEMS
INJECTION
JET FLOW
JET MIXING FLOW
∞ JET NOZZLES
∞ JETS
NOZZLE FLOW
∞ NOZZLES
ORIFICES
PUMPS
SPRAY NOZZLES

INJUN EXPLORER
USE EXPLORER 25 SATELLITE

INJUN SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
EXPLORER 25 SATELLITE
INJUN 1 SATELLITE
INJUN 3 SATELLITE
INJUN 4 SATELLITE

INJUN 1 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 1 SATELLITE

INJUN 3 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 3 SATELLITE

INJUN 4 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 4 SATELLITE

INJUN 5 SATELLITE
USE EXPLORER 40 SATELLITE

INJURIES
GS **INJURIES**
BACK INJURIES
BAROTRAUMA
BRAIN DAMAGE
BURNS (INJURIES)
CRASH INJURIES
EJECTION INJURIES
FROSTBITE
LESIONS
PULMONARY LESIONS
NOISE INJURIES
PARACHUTING INJURY
PARALYSIS
RADIATION INJURIES
WHIPLASH INJURIES
RT ACCIDENTS
∞ BLISTERS
CHEMICAL DEFENSE
DAMAGE
DEATH
DIAGNOSIS
FOREIGN BODIES
HAZARDS
HEMORRHAGES
IMPAIRMENT

INJURIES-(CONT)
SABOTAGE
VETERINARY MEDICINE
WOUND HEALING

INKS
RT DRAWINGS
GRAPHIC ARTS
PIGMENTS
PRINTING

INLAND WATERS
GS WATER
INLAND WATERS
GROUND WATER
RT GREAT LAKES (NORTH AMERICA)
GREAT SALT LAKE (UT)
LAKES
RIVERS
SPRINGS (WATER)
WATER POLLUTION
WATER RESOURCES
WATER RUNOFF

INLET AIRFRAME CONFIGURATIONS
GS INTAKE SYSTEMS
AIR INTAKES
INLET AIRFRAME CONFIGURATIONS
RT BYPASS RATIO
ENGINE INLETS
FLOW GEOMETRY
HYPERSONIC INLETS
INLET FLOW
INLET NOZZLES
NOSE INLETS
SIDE INLETS
SUPERSONIC INLETS

INLET FLOW
GS FLUID FLOW
INLET FLOW
RT BYPASS RATIO
∞ DIFFUSERS
FLOW GEOMETRY
FLUID INJECTION
HEAD FLOW
INLET AIRFRAME CONFIGURATIONS
INTAKE SYSTEMS
∞ PRESSURE DROP
SUPERSONIC INLETS
VORTEX GENERATORS

INLET NOZZLES
RT AIR INTAKES
ANNULAR NOZZLES
BYPASS RATIO
CONICAL NOZZLES
∞ DIFFUSERS
ENGINE INLETS
EXHAUST NOZZLES
INLET AIRFRAME CONFIGURATIONS
INTAKE SYSTEMS
INTERNAL COMPRESSION INLETS
∞ NOZZLES
OPENINGS
PIPE NOZZLES

INLET PRESSURE
GS PRESSURE
INLET PRESSURE
RT PRESSURE GRADIENTS
PRESSURE RECOVERY
STAGNATION PRESSURE
WATER PRESSURE

INLET TEMPERATURE
GS TEMPERATURE
INLET TEMPERATURE
RT AIR INTAKES
ENGINE INLETS
FUEL SYSTEMS
GAS TEMPERATURE
INTAKE SYSTEMS

INLETS (DEVICES)
USE INTAKE SYSTEMS

INLETS (TOPOGRAPHY)
GS LANDFORMS
INLETS (TOPOGRAPHY)
BAYOUS
COOK INLET (AK)
RT BAYS (TOPOGRAPHIC FEATURES)
DELAWARE BAY (US)

NASA THESAURUS (VOLUME 1)

INLETS (TOPOGRAPHY)-(CONT)
FIORDS
GULFS
LAGOONS
PERSIAN GULF
SAGINAW BAY (MI)
SOUNDS (TOPOGRAPHIC FEATURES)

INLIERS (LANDFORMS)
GS LANDFORMS
INLIERS (LANDFORMS)
RT EROSION
GEOLOGICAL FAULTS
GEOLOGY
PETROGRAPHY
PETROLOGY
ROCK INTRUSIONS
ROCKS
STRUCTURAL PROPERTIES (GEOLOGY)

INNER RADIATION BELT
GS EARTH ATMOSPHERE
RADIATION BELTS
INNER RADIATION BELT
ENVIRONMENTS
INNER RADIATION BELT
PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
INNER RADIATION BELT
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
INNER RADIATION BELT
RT ARTIFICIAL RADIATION BELTS
OUTER RADIATION BELT
PROTON BELTS
∞ RADIATION
SINGLE EVENT UPSETS

INOCULATION
UF SEEDING (INOCULATION)
RT CRYSTAL GROWTH
CRYSTALLIZATION
IMMUNITY
INITIATION
NUCLEATION
VACCINES

INOCULUM
GS SERUMS
INOCULUM
VACCINES
INOCULUM
RT ANTIBODIES
ANTIGENS
PHYSIOLOGICAL DEFENSES

INORGANIC CHEMISTRY
RT ANALYTICAL CHEMISTRY
∞ CHEMISTRY

INORGANIC COATINGS
GS COATINGS
INORGANIC COATINGS
ANODIC COATINGS
CERAMIC COATINGS
RT ANTIRADAR COATINGS
PROTECTIVE COATINGS

INORGANIC COMPOUNDS
GS **INORGANIC COMPOUNDS**
AMMONIA
LIQUID AMMONIA
RT ACIDS
∞ BASES
∞ CHEMICAL COMPOUNDS
FLAME RETARDANTS
INTERMETALLICS
MOLTEN SALTS
∞ SALTS

∞ **INORGANIC MATERIALS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED CONSULT THE TERMS LISTED BELOW)*
RT ∞ MATERIALS
NONFLAMMABLE MATERIALS
REFRACTORY MATERIALS
THERMOCHROMATIC MATERIALS
VITREOUS MATERIALS

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INORGANIC NITRATES

GS NITROGEN COMPOUNDS
NITRATES
INORGANIC NITRATES
AMMONIUM NITRATES
HYDRAZINE NITRATE
POTASSIUM NITRATES
SILVER NITRATES
SODIUM NITRATES

INORGANIC PEROXIDES

UF SUPEROXIDES
GS CHALCOGENIDES
OXIDES
ANHYDRIDES
PEROXIDES
INORGANIC PEROXIDES
RT ORGANIC PEROXIDES

INORGANIC SULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
BARIUM SULFIDES
BISMUTH SULFIDES
CADMIUM SULFIDES
CALCIUM SULFIDES
COPPER SULFIDES
ENARGITE
HYDROGEN SULFIDE
INDIUM SULFIDES
LEAD SULFIDES
MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
POLYSULFIDES
STRONTIUM SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
BARIUM SULFIDES
BISMUTH SULFIDES
CADMIUM SULFIDES
CALCIUM SULFIDES
COPPER SULFIDES
ENARGITE
HYDROGEN SULFIDE
INDIUM SULFIDES
LEAD SULFIDES
MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
POLYSULFIDES
STRONTIUM SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE

INOSITOLS

GS ALIPHATIC COMPOUNDS
SUGARS
INOSITOLS
CARBOHYDRATES
SUGARS
INOSITOLS

INPUT

RT ACCUMULATIONS
COLLECTION
FEEDING (SUPPLYING)
FILLING
INJECTION
LOADING
OUTPUT
READING
REPLENISHMENT
SUPPLYING

INPUT/OUTPUT ROUTINES

GS COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
INPUT/OUTPUT ROUTINES
RT OPERATING SYSTEMS (COMPUTERS)
RANDOM ACCESS
ROUTINES

INSAT SATELLITES

USE INDIAN SPACECRAFT

INSECT DAMAGE

USE INFESTATION

INSECTICIDES

GS POISONS

INSECTICIDES-(CONT)

PESTICIDES
INSECTICIDES
DIELDRIN
RT ENDRIN
ENTOMOLOGY
TOXICOLOGY

INSECTS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
BEES
BOLL WEEVILS
CHIRONOMUS FLIES
COCKROACHES
COLEOPTERA
CRICKETS
BEETLES
TRIBOLIA
DROSOPHILA
FIREFLIES
GRASSHOPPERS
LARVAE
BOLLWORMS
SILKWORMS
LOCUSTS
MOTHS
SILKWORMS
RT ENTOMOLOGY
INFESTATION
PUPA

INSENSITIVITY

USE SENSITIVITY

INSERTION

RT COLLATING
EMBEDDING
GRAFTING
IMPLANTATION
IMPREGNATING
INSERTS
NETWORK ANALYSIS
TRANSMISSION LOSS

INSERTION LOSS

RT ENERGY DISSIPATION
LOSSES
TRANSMISSION LOSS

INSERTS

GS INSERTS
NOZZLE INSERTS
RT ACCESSORIES
BUSHINGS
FASTENERS
FITTINGS
INSERTION
LININGS
SPACERS
SPOOLS
WASHERS (SPACERS)

INSHORE ZONES

USE BEACHES

INSOLATION

RT GREENHOUSE EFFECT
METEOROLOGY
SOLAR HEATING
SOLAR RADIATION
SUNLIGHT

INSOMNIA

GS SLEEP
INSOMNIA
RT SLEEP DEPRIVATION

INSPECTION

GS INSPECTION
INFRARED INSPECTION
X RAY INSPECTION
RT ACCEPTABILITY
CHECKOUT
CHEMICAL TESTS
CONSTRUCTION
DETECTION
ENDOSCOPES
EVALUATION
EXAMINATION
IDENTIFYING
NONDESTRUCTIVE TESTS

INSTRUMENT APPROACH

INSPECTION-(CONT)

PERFORMANCE TESTS
QUALITY CONTROL
SAMPLING
SPECIFICATIONS
STANDARDS
STATIC TESTS
STATISTICAL ANALYSIS
SURVEILLANCE
TOLERANCES (MECHANICS)
ULTRASONIC FLAW DETECTION

INSPECTOR SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
INSPECTOR SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
INSPECTOR SATELLITE

INSPIRATION

RT INTELLECT
MENTAL PERFORMANCE
PSYCHOLOGY

INSTABILITY

USE STABILITY

INSTALLATION

USE INSTALLING

INSTALLATION MANUALS

GS DOCUMENTS
MANUALS
INSTALLATION MANUALS

INSTALLING

UF INSTALLATION
RT ASSEMBLING
CONSTRUCTION
LOOK ANGLES (ELECTRONICS)
MAINTENANCE
RELOCATION
REPLACING
RETROFITTING

INSTANTONS

GS FIELD THEORY (PHYSICS)
QUANTUM CHROMODYNAMICS
INSTANTONS
RT ELEMENTARY PARTICLES
PLASMA PHYSICS
QUARKS

INSTITUTIONS

GS INSTITUTIONS
BUREAUS (ORGANIZATIONS)
RT FEDERATIONS
TEAMS

INSTRUCTION SETS (COMPUTERS)

RT ALPHANUMERIC CHARACTERS
BOOLEAN ALGEBRA
COMPUTER PROGRAMS
MATHEMATICAL LOGIC

INSTRUCTIONS

USE EDUCATION

INSTRUCTORS

GS PERSONNEL
INSTRUCTORS
RT EDUCATION
LEARNING
SCHOOLS
STUDENTS
TRAINING EVALUATION
UNIVERSITIES

INSTRUMENT APPROACH

GS APPROACH
INSTRUMENT APPROACH
RT AIRCRAFT APPROACH SPACING
AIRCRAFT INSTRUMENTS
APPROACH CONTROL
APPROACH INDICATORS
BLIND LANDING
FLIGHT CONTROL
FLIGHT INSTRUMENTS
GLIDE PATHS
LANDING AIDS
LANDING RADAR
NIGHT FLIGHTS (AIRCRAFT)

INSTRUMENT COMPENSATION

INSTRUMENT COMPENSATION

GS INSTRUMENT COMPENSATION
TEMPERATURE COMPENSATION
RT ADAPTIVE OPTICS
CALIBRATING
∞ COMPENSATION
ERROR CORRECTING DEVICES

INSTRUMENT DRIFT

USE DRIFT (INSTRUMENTATION)

INSTRUMENT ERRORS

GS ERRORS
INSTRUMENT ERRORS
RT BIAS
BORESIGHT ERROR
CALIBRATING
DRIFT (INSTRUMENTATION)
LINEARITY
OPTICAL CORRECTION PROCEDURE
SPECTRAL SENSITIVITY

INSTRUMENT FLIGHT RULES

UF IFR (RULES)
GS RULES
FLIGHT RULES
INSTRUMENT FLIGHT RULES
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
APPROACH CONTROL
BEACONS
BLIND LANDING
FLIGHT CONDITIONS
FLIGHT INSTRUMENTS
FLIGHT PLANS
LANDING
LOW VISIBILITY

INSTRUMENT LANDING SYSTEMS

UF ILS (LANDING SYSTEMS)
GS LANDING AIDS
INSTRUMENT LANDING SYSTEMS
ALL-WEATHER LANDING SYSTEMS
AUTOMATIC LANDING CONTROL
RT AIR TRAFFIC CONTROL
AIRCRAFT GUIDANCE
AIRCRAFT INSTRUMENTS
AIRCRAFT LANDING
AIRPORTS
APPROACH CONTROL
APPROACH INDICATORS
BLIND LANDING
DISPLAY DEVICES
FLIGHT CONTROL
FLIGHT INSTRUMENTS
GLIDE PATHS
GROUND BASED CONTROL
∞ INSTRUMENTS
LANDING
LANDING INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)
RADAR
RADAR APPROACH CONTROL
RADIO ALTIMETERS
RADIO BEACONS
∞ SYSTEMS
TRACKING (POSITION)

INSTRUMENT ORIENTATION

RT ALIGNMENT
ATTITUDE (INCLINATION)
BEARING (DIRECTION)
DIRECTIVITY
LOOK ANGLES (ELECTRONICS)
∞ ORIENTATION
POSITIONING

INSTRUMENT PACKAGES

GS PACKAGES
INSTRUMENT PACKAGES
EASEP
EREP
RT AMPS (SATELLITE PAYLOAD)
AUTOMATIC WEATHER STATIONS
DATA COLLECTION PLATFORMS
LOCAL SCIENTIFIC SURVEY MODULE
MODULES
MOLECULAR SHIELDS
OCEAN DATA ACQUISITIONS SYSTEMS
ORBITING FROG OTOLITH
PAYLOAD ASSIST MODULE
PAYLOADS
SATELLITE-BORNE INSTRUMENTS
SIM
SPACECRAFT INSTRUMENTS

INSTRUMENT PACKAGES-(CONT)

WEATHER STATIONS

INSTRUMENT RECEIVERS

RT CONTROLLERS
∞ DETECTORS
DISPLAY DEVICES
INDICATING INSTRUMENTS
∞ INSTRUMENTS
ISOTROPIC TURBULENCE
MEASURING INSTRUMENTS
RECEIVERS
RECORDING INSTRUMENTS
TRANSDUCERS

INSTRUMENT TRANSFORMERS

GS TRANSFORMERS
INSTRUMENT TRANSFORMERS
RT ∞ CONVERTERS
RESOLVERS

INSTRUMENT TRANSMITTERS

GS TRANSMITTERS
INSTRUMENT TRANSMITTERS
RT CONTROLLERS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
RECORDING INSTRUMENTS
TRANSDUCERS

INSTRUMENTAL ANALYSIS

USE ANALYZING
AUTOMATION

INSTRUMENTATION

USE INSTRUMENTS

∞ INSTRUMENTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF INSTRUMENTATION
RT ACTUATORS
ADVANCED RANGE INSTRUMENTATION
SHIP
AIRCRAFT INSTRUMENTS
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
AUTOMATIC CONTROL
BIOINSTRUMENTATION
BUBBLE TECHNIQUE
CONTROLLERS
DENSIMETERS
DISPLAY DEVICES
DRAG FORCE ANEMOMETERS
EASEP
EREP
FLIGHT INSTRUMENTS
FORCE VECTOR RECORDERS
HAPLOSOPES
HELIOSTATS
HELMET MOUNTED DISPLAYS
INDICATING INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
LASER ALTIMETERS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
MICROWAVE SENSORS
MONITORS
NAVIGATION INSTRUMENTS
OCULOMETERS
PACKAGES
PROPELLANT ACTUATED INSTRUMENTS
RECORDING INSTRUMENTS
REMOTE CONTROL
ROCKET-BORNE INSTRUMENTS
SATELLITE INSTRUMENTS
SATELLITE-BORNE INSTRUMENTS
SCATTEROMETERS
SIM
SODAR
SOUND DETECTING AND RANGING
SPACECRAFT INSTRUMENTS
SURGICAL INSTRUMENTS
TRANSDUCERS
TRANSMITTERS
TURBINE INSTRUMENTS
ULTRASONIC DENSIMETERS

∞ INSULATED STRUCTURES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

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INSULATED STRUCTURES-(CONT)

RT DIELECTRICS
ELECTRICAL INSULATION
HEAT RADIATORS
HEAT SHIELDING
HYPERSONIC VEHICLES
INSULATION
RADIATION SHIELDING
REENTRY SHIELDING
REENTRY VEHICLES
SPACECRAFT SHIELDING

INSULATING MATERIALS

USE INSULATION

INSULATION

SN (MATERIAL)
UF INSULATING MATERIALS
GS INSULATION
ELECTRICAL INSULATION
MULTILAYER INSULATION
THERMAL INSULATION
RT ABSORBERS (MATERIALS)
ASBESTOS
CEILINGS (ARCHITECTURE)
COMPOSITE MATERIALS
CONCRETES
∞ CONSTRUCTION MATERIALS
DAMPING
HONEYCOMB STRUCTURES
∞ INSULATED STRUCTURES
INSULATORS
INTERLAYERS
ISOLATION
ISOLATORS
JACKETS
LINING PROCESSES
LININGS
∞ MATERIALS
MICARTA
OXIDES
POTTING COMPOUNDS
PROTECTION
SUPPRESSORS
VERMICULITE
WATERPROOFING

INSULATORS

SN (EXCLUDES THERMAL INSULATION--LIMITED TO DEVICES COMPOSED OF ELECTRICALLY INSULATIVE MATERIALS)
RT ATTENUATORS
DIELECTRICS
ELECTRIC CONDUCTORS
ELECTRICAL INSULATION
INSULATION
TRANSMISSION LINES

INSULIN

GS DRUGS
INSULIN
SECRETIONS
ENDOCRINE SECRETIONS
INSULIN
RT DIABETES MELLITUS

INTAKE SYSTEMS

UF INDUCTION SYSTEMS
INLETS (DEVICES)
GS INTAKE SYSTEMS
AIR INTAKES
ENGINE INLETS
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
SUPERSONIC INLETS
CONICAL INLETS
HELICAL INDUCERS
INTERNAL COMPRESSION INLETS
NOSE INLETS
SIDE INLETS
RT AERODYNAMIC CONFIGURATIONS
ANNULAR DUCTS
BYPASS RATIO
COOLING SYSTEMS
DUCT GEOMETRY
DUCTED BODIES
DUCTS
ENTRANCES
EXHAUST SYSTEMS
FEED SYSTEMS
FEEDERS
FUEL SYSTEMS
INLET FLOW
INLET NOZZLES

INTAKE SYSTEMS-(CONT)

INLET TEMPERATURE
 MANIFOLDS
 OPENINGS
 PIPE NOZZLES
 PLENUM CHAMBERS
 RAMPS (STRUCTURES)
 SCOOPS
 ∞ SYSTEMS
 ∞ WATER INTAKES

INTASAT SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 INTASAT SATELLITE
 RT IONOSPHERE
 LOWER ATMOSPHERE
 MAGNETIC FIELDS
 TROPOSPHERE

**INTEG MED AND BEHAVIORAL LAB MEASUR
SYSTEM**

USE IMLMS

INTEG PROGRAM FOR AEROSPACE VEH DESIGN

USE IPAD

INTEGERS

GS NUMBER THEORY
 INTEGERS
 REAL NUMBERS
 INTEGERS
 RT ARITHMETIC
 COMPLEX NUMBERS
 CONGRUENCES
 DIGITS
 ∞ NUMBERS

INTEGRAL CALCULUS

GS ANALYSIS (MATHEMATICS)
 CALCULUS
 INTEGRAL CALCULUS
 REAL VARIABLES
 MEASURE AND INTEGRATION
 INTEGRAL CALCULUS
 RT AREA
 DIFFERENTIAL CALCULUS
 INTEGRALS
 J INTEGRAL
 NUMERICAL INTEGRATION
 OPERATIONAL CALCULUS

INTEGRAL EQUATIONS

UF INTEGRODIFFERENTIAL EQUATIONS
 GS ANALYSIS (MATHEMATICS)
 FUNCTIONAL ANALYSIS
 INTEGRAL EQUATIONS
 FREDHOLM EQUATIONS
 J INTEGRAL
 SINGULAR INTEGRAL EQUATIONS
 VOLTERRA EQUATIONS
 WIENER HOPF EQUATIONS
 RT ASYMPTOTIC PROPERTIES
 CALCULUS OF VARIATIONS
 DIFFERENTIAL EQUATIONS
 DISTRIBUTED PARAMETER SYSTEMS
 ∞ EQUATIONS
 MELLIN TRANSFORMS
 METHOD OF MOMENTS
 NONLINEAR EQUATIONS
 PERCUS METHOD
 RANGE (EXTREMES)
 SCHMIDT METHOD
 TRANSPORT THEORY

INTEGRAL FUNCTIONS

USE ENTIRE FUNCTIONS

INTEGRAL ROCKET RAMJETS

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 RT SOLID PROPELLANT ROCKET ENGINES
 TURBINE ENGINES

INTEGRAL TRANSFORMATIONS

UF TRANSFORM INTEGRALS
 GS ANALYSIS (MATHEMATICS)
 FUNCTIONAL ANALYSIS
 INTEGRAL TRANSFORMATIONS
 CONVOLUTION INTEGRALS
 FOURIER TRANSFORMATION
 HILBERT TRANSFORMATION
 LAPLACE TRANSFORMATION
 TRANSFORMATIONS (MATHEMATICS)
 INTEGRAL TRANSFORMATIONS
 FAST FOURIER TRANSFORMATIONS
 LAPLACE TRANSFORMATION
 RT LIGHTHILL METHOD
 OPERATORS (MATHEMATICS)

INTEGRALS

RT DIFFERENTIAL EQUATIONS
 FUNCTIONALS
 INTEGRAL CALCULUS
 ∞ MATHEMATICS

INTEGRATED CIRCUITS

UF MONOLITHIC CIRCUITS
 GS CIRCUITS
 INTEGRATED CIRCUITS
 DTL INTEGRATED CIRCUITS
 ENCAPSULATED MICROCIRCUITS
 LARGE SCALE INTEGRATION
 LINEAR INTEGRATED CIRCUITS
 TTL INTEGRATED CIRCUITS
 VERY LARGE SCALE INTEGRATION
 VLSIC (CIRCUITS)
 RT BURN-IN
 CHARGE FLOW DEVICES
 CHIPS (ELECTRONICS)
 CHIPS (MEMORY DEVICES)
 ELECTRONIC PACKAGING
 INTEGRATED OPTICS
 ION IMPLANTATION
 LATCH-UP
 MEDIUM SCALE INTEGRATION
 MICROCHANNEL PLATES
 MICROMINIATURIZATION
 MICROPROCESSORS
 MOLECULAR ELECTRONICS
 PHOTOMASKS
 PRINTED CIRCUITS
 THICK FILMS
 THIN FILMS
 TRANSISTOR CIRCUITS

INTEGRATED ENERGY SYSTEMS

RT COMMUNITIES
 ELECTRIC POWER PLANTS
 ENERGY CONVERSION
 ENERGY DISTRIBUTION
 HEATING
 ∞ SYSTEMS
 TOTAL ENERGY SYSTEMS
 UTILITIES

**INTEGRATED GLOBAL OCEAN STATION
SYSTEMS**

UF IGOSS
 RT DATA COLLECTION PLATFORMS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 GROUND STATIONS
 INTERNATIONAL COOPERATION
 OCEANOGRAPHIC PARAMETERS
 ∞ SYSTEMS
 WEATHER STATIONS

INTEGRATED LIBRARY SYSTEMS

GS INFORMATION SYSTEMS
 INTEGRATED LIBRARY SYSTEMS
 RT INFORMATION DISSEMINATION
 INFORMATION MANAGEMENT
 INFORMATION RETRIEVAL
 LIBRARIES
 ON-LINE SYSTEMS

INTEGRATED MANEUVERING LIFE SUPPORT SYS

USE IMLSS

INTEGRATED MISSION CONTROL CENTER

UF IMCC (CONTROL CENTER)
 GS STATIONS
 GROUND STATIONS
 INTEGRATED MISSION CONTROL
 CENTER
 RT ∞ CONTROL
 GEMINI PROJECT
 GROUND BASED CONTROL

**INTEGRATED MISSION CONTROL-(CONT)
REAL TIME OPERATION****INTEGRATED OPTICS**

RT ELECTRO-OPTICS
 INTEGRATED CIRCUITS
 LENSES
 LIGHT TRANSMISSION
 MONOMOLECULAR FILMS
 OPTICAL BISTABILITY
 OPTICAL WAVEGUIDES
 ∞ OPTICS
 THIN FILMS

INTEGRATION (REAL VARIABLES)

USE MEASURE AND INTEGRATION

INTEGRATORS

GS INTEGRATORS
 DIGITAL INTEGRATORS
 RT CIRCUITS
 DIFFERENTIATORS
 ∞ NETWORKS
 SOLIONS

INTEGRITY

GS INTEGRITY
 COMPUTER PROGRAM INTEGRITY
 RT COMPLETENESS
 PRIVACY
 SECURITY
 VULNERABILITY

INTEGRODIFFERENTIAL EQUATIONS

USE DIFFERENTIAL EQUATIONS
 INTEGRAL EQUATIONS

INTEL 8080 MICROPROCESSOR

GS DATA PROCESSING EQUIPMENT
 MICROPROCESSORS
 INTEL 8080 MICROPROCESSOR
 PERIPHERAL EQUIPMENT (COMPUTERS)
 INTEL 8080 MICROPROCESSOR
 RT COMPUTERS

INTELLECT

GS INTELLIGENCE
 INTELLECT
 RT ARTIFICIAL INTELLIGENCE
 INSPIRATION
 MENTAL PERFORMANCE
 PSYCHOLOGY

INTELLIGENCE

GS INTELLIGENCE
 ARTIFICIAL INTELLIGENCE
 EXPERT SYSTEMS
 EXTRATERRESTRIAL INTELLIGENCE
 INTELLECT
 RT DETECTION
 MENTAL HEALTH
 MENTAL PERFORMANCE
 MILITARY TECHNOLOGY
 RECONNAISSANCE
 SURVEILLANCE

INTELLIGIBILITY

GS INTELLIGIBILITY
 SPEECH RECOGNITION
 RT AMBIGUITY
 ∞ COHERENCE
 COMMUNICATION THEORY
 ∞ INTERPRETATION
 MESSAGES
 ORTHOGRAPHY
 PHONEMICS
 PHONETICS
 PSYCHOLINGUISTICS
 SCRAMBLING (COMMUNICATION)

INTELSAT SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 INTELSAT SATELLITES

INTENSIFICATION

USE AMPLIFICATION

INTENSIFIER TUBES

USE IMAGE INTENSIFIERS

INTENSIFIERS

GS INTENSIFIERS

INTENSITY

INTENSIFIERS-(CONT)

IMAGE INTENSIFIERS
IMAGE ORTHICONS
RT AMPLIFIERS

∞ INTENSITY

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AMPLITUDES
BRIGHTNESS
FLUX (RATE)
FLUX DENSITY
LEVEL (QUANTITY)
LOUDNESS
LUMINANCE
LUMINOUS INTENSITY
MAGNITUDE
NOISE INTENSITY
RADIANCE
STELLAR MAGNITUDE

INTERACTIONAL AERODYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
INTERACTIONAL AERODYNAMICS
RT AIRFOILS
COMPUTATIONAL FLUID DYNAMICS
∞ FLOW
LAMINAR BOUNDARY LAYER

∞ INTERACTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIR LAND INTERACTIONS
AIR SEA ICE INTERACTIONS
AIR WATER INTERACTIONS
ATOMIC COLLISIONS
ATOMIC INTERACTIONS
BEAM INTERACTIONS
CONFIGURATION INTERACTION
ELECTROMAGNETIC INTERACTIONS
ELECTRON PHONON INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
FLUID-SOLID INTERACTIONS
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
GAS-SOLID INTERACTIONS
HIGH ENERGY INTERACTIONS
ION ATOM INTERACTIONS
LASER PLASMA INTERACTIONS
LASER TARGET INTERACTIONS
MAN ENVIRONMENT INTERACTIONS
MESON-MESON INTERACTIONS
MESON-NUCLEON INTERACTIONS
MOLECULAR COLLISIONS
MOLECULAR INTERACTIONS
NUCLEAR CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR REACTIONS
NUCLEON-NUCLEON INTERACTIONS
PARTICLE INTERACTIONS
PARTICLE THEORY
PHOTON-ELECTRON INTERACTION
PLASMA INTERACTION EXPERIMENT
PLASMA INTERACTIONS
PLASMA-ELECTROMAGNETIC INTERACTION
PLASMA-PARTICLE INTERACTIONS
PROTON-PROTON REACTIONS
SHOCK WAVE INTERACTION
SOLAR TERRESTRIAL INTERACTIONS
SOUND-SOUND INTERACTIONS
SPIN-ORBIT INTERACTIONS
STRONG INTERACTIONS (FIELD THEORY)
WAVE INTERACTION
WEAK ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD THEORY)

INTERACTIVE CONTROL

RT ACTIVE CONTROL
∞ CONTROL
CONTROL THEORY
NUMERICAL CONTROL

INTERACTIVE GRAPHICS

USE COMPUTER GRAPHICS

INTERATOMIC FORCES

RT ATOMIC STRUCTURE

INTERATOMIC FORCES-(CONT)

VAN DER WAAL FORCES

INTERCALATION

GS STRATIFICATION
INTERCALATION
RT ∞ CHEMICAL COMPOUNDS
GRAPHITE
INTERLAYERS
∞ LAYERS

INTERCEPTION

RT RENDEZVOUS
SPACECRAFT DOCKING

INTERCEPTOR AIRCRAFT

USE FIGHTER AIRCRAFT

∞ INTERCEPTORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FIGHTER AIRCRAFT
SATELLITE INTERCEPTORS
YF-12 AIRCRAFT

INTERCONNECTION

USE JOINING

INTERCONTINENTAL BALLISTIC MISSILES

UF ICBM (MISSILES)
GS MISSILES
BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC MISSILES
ATLAS ICBM
ATLAS D ICBM
ATLAS E ICBM
ATLAS F ICBM
MINUTEMAN ICBM
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC MISSILES
ATLAS ICBM
ATLAS D ICBM
ATLAS E ICBM
ATLAS F ICBM
MINUTEMAN ICBM
MX MISSILE
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
RT FLEET BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
MARK 1 REENTRY BODY
MARK 2 REENTRY BODY
MARK 3 REENTRY BODY
MARK 4 REENTRY BODY
MARK 5 REENTRY BODY
MARK 6 REENTRY BODY
MARK 11 REENTRY BODY
MARK 12 REENTRY BODY
MARK 17 REENTRY BODY
TRANSOCEANIC SYSTEMS

INTERCOSMOS SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
COSMOS SATELLITES
INTERCOSMOS SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
INTERCOSMOS SATELLITES

INTERCRANIAL CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
INTERCRANIAL CIRCULATION
RT CRANIUM
SKULL

INTERDIGITAL TRANSDUCERS

GS TRANSDUCERS
INTERDIGITAL TRANSDUCERS
RT DIGITAL TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
PIEZOELECTRIC TRANSDUCERS
SURFACE ACOUSTIC WAVE DEVICES

NASA THESAURUS (VOLUME 1)

INTERFACE STABILITY

RT FLUID BOUNDARIES
GAS-SOLID INTERFACES
INTERFACES
LIQUID SLOSHING
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
TAYLOR INSTABILITY
ULLAGE

INTERFACES

GS INTERFACES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
JET BOUNDARIES
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
SOLID-SOLID INTERFACES
RT BOUNDARIES
COORDINATION
DATA PROCESSING EQUIPMENT
FREE BOUNDARIES
INTERFACE STABILITY
MANAGEMENT PLANNING
PROJECT MANAGEMENT
SURFACE PROPERTIES
SURFACE REACTIONS
∞ SURFACES
TELECOMMUNICATION

INTERFACIAL ENERGY

RT ADHESION
ELECTRON ENERGY
∞ ENERGY
LIQUID-LIQUID INTERFACES
SHEAR STRENGTH
SURFACE ENERGY

INTERFACIAL STRAIN

USE INTERFACIAL TENSION

INTERFACIAL TENSION

UF INTERFACIAL STRAIN
SURFACE TENSION
GS SURFACE PROPERTIES
INTERFACIAL TENSION
RT CAPILLARY WAVES
GAS-LIQUID INTERACTIONS
GIBBS ADSORPTION EQUATION
GLOBULES
LIQUID SURFACES
LIQUID-LIQUID INTERFACES
MARANGONI CONVECTION
MECHANICAL PROPERTIES
RIPPLES
SLIDING
SPREADING
SURFACE ENERGY
SURFACE STABILITY
∞ SURFACES
∞ TENSION
TRIBOLOGY
VAPOR PRESSURE
WETTING

∞ INTERFERENCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AERODYNAMIC INTERFERENCE
COHERENCE COEFFICIENT
CROSSTALK
DISRUPTING
ELECTROMAGNETIC COMPATIBILITY
ELECTROMAGNETIC INTERFERENCE
HUM
INCOMPATIBILITY
INTERFERENCE FACTOR TABLE
INTERFERENCE GRATING
INTERSYMBOLIC INTERFERENCE
JAMMING
NONSYNCHRONIZATION
RADIO FREQUENCY INTERFERENCE
RAMSAUER EFFECT
SUPPORT INTERFERENCE
WAVE DIFFRACTION
WAVE FRONT DEFORMATION

INTERFERENCE DRAG

GS AERODYNAMIC CHARACTERISTICS
INTERFERENCE DRAG
DYNAMIC CHARACTERISTICS
DRAG

NASA THESAURUS (VOLUME 1)

INTERFERENCE DRAG-(CONT)

PRESSURE DRAG
WAVE DRAG

INTERFERENCE DRAG

RT PROPELLER SLIPSTREAMS
SUPERSONIC DRAG
UPWASH

INTERFERENCE FACTOR TABLE

GS TABLES (DATA)

INTERFERENCE FACTOR TABLE

RT ∞ INTERFERENCE
MODULATION
MULTICHANNEL COMMUNICATION

INTERFERENCE GRATING

RT FRINGE MULTIPLICATION

∞ GRATINGS

∞ INTERFERENCE
MOIRE EFFECTS
MOIRE FRINGES
RADIO FILTERS
RADIO FREQUENCY INTERFERENCE

INTERFERENCE IMMUNITY

RT ELECTROMAGNETIC INTERFERENCE
NOISE REDUCTION
RADIO FREQUENCY INTERFERENCE
SIGNAL PROCESSING
SIGNAL TO NOISE RATIOS

INTERFERENCE LIFT

GS AERODYNAMIC CHARACTERISTICS
LIFT

INTERFERENCE LIFT

AERODYNAMIC FORCES
LIFT
INTERFERENCE LIFT
DISTRIBUTION (PROPERTY)
INTERFERENCE LIFT
DYNAMIC CHARACTERISTICS
LIFT

INTERFERENCE LIFT

RT UPWASH

INTERFERENCE MONOCHROMATIZATION

USE DIFFRACTION
MONOCHROMATIZATION

INTERFEROGRAMS

USE INTERFEROMETRY

INTERFEROMETERS

GS MEASURING INSTRUMENTS

INTERFEROMETERS

FABRY PEROT INTERFEROMETERS
INFRARED INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
MICHELSON INTERFEROMETERS
MICROWAVE INTERFEROMETERS
PHASE SWITCHING

INTERFEROMETERS
RADIO INTERFEROMETERS

RT DIFFRACTOMETERS
FLATNESS
GONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
PHOTO GONIOMETERS
RONCHI TEST
SAGNAC EFFECT
VERY LONG BASE INTERFEROMETRY

INTERFEROMETRY

UF INTERFEROGRAMS

GS INTERFEROMETRY

DIFFERENTIAL INTERFEROMETRY
HOLOGRAPHIC INTERFEROMETRY
LASER INTERFEROMETRY
MOIRE INTERFEROMETRY
RONCHI TEST
VERY LONG BASE INTERFEROMETRY

RT DIFFRACTION PATTERNS
FRESNEL DIFFRACTION
FRESNEL REFLECTORS
INFRARED INTERFEROMETERS
ISOCROMATICS
NULL ZONES
PLASMA FLUX MEASUREMENT
SAGNAC EFFECT
SCATTER PLATES (OPTICS)

INTERFERON

RT BACTERIOPHAGES
BIOCHEMISTRY
∞ BIOLOGY
PHYSIOLOGICAL DEFENSES
VIRUSES

INTERGALACTIC MEDIA

UF EXTRAGALACTIC MEDIA

GS MEDIA

INTERGALACTIC MEDIA

RT COSMIC DUST
COSMIC GASES
COSMIC PLASMA
MASS DISTRIBUTION
STELLAR WINDS

INTERGRANULAR CORROSION

GS CHEMICAL ATTACK
INTERGRANULAR CORROSION
CORROSION

INTERGRANULAR CORROSION

RT GRAIN BOUNDARIES
STRESS CORROSION
TRANSGRANULAR CORROSION

INTERIM STAGES (SPACECRAFT)

GS INTERIM STAGES (SPACECRAFT)

INERTIAL UPPER STAGE
MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLES
STAGE SEPARATION

INTERIM UPPER STAGE (STS)

USE INERTIAL UPPER STAGE

INTERIOR BALLISTICS

GS BALLISTICS

INTERIOR BALLISTICS

RT PROPELLANT TESTS

INTERLACING DRAINAGE

USE DRAINAGE PATTERNS

INTERLAYERS

GS INTERLAYERS

MULTILAYER INSULATION
BARRIER LAYERS
FABRICS
INSULATION
INTERCALATION
LAMINATES

∞ LAYERS

PLY ORIENTATION
SANDWICH STRUCTURES
∞ TRANSITION LAYERS

INTERLOCKING

USE LOCKING

INTERMEDIATE FREQUENCIES

GS FREQUENCIES

INTERMEDIATE FREQUENCIES

RT HIGH FREQUENCIES
LOW FREQUENCIES
RADIO FREQUENCIES

INTERMEDIATE FREQUENCY AMPLIFIERS

GS AMPLIFIERS

INTERMEDIATE FREQUENCY AMPLIFIERS

RT BEAT FREQUENCIES
CRYSTAL FILTERS
HETERODYNING
LOGARITHMIC RECEIVERS
PREAMPLIFIERS
RADIO RECEIVERS
TRANSISTOR AMPLIFIERS

INTERMEDIATE RANGE BALLISTIC MISSILES

UF IRBM (MISSILES)

GS MISSILES

BALLISTIC MISSILES

INTERMEDIATE RANGE BALLISTIC MISSILES

BLUE STREAK MISSILE
JUPITER MISSILE
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
SURFACE TO SURFACE MISSILES

INTERNAL COMBUSTION ENGINES

INTERMEDIATE RANGE BALLISTIC-(CONT)

INTERMEDIATE RANGE BALLISTIC MISSILES

BLUE STREAK MISSILE
JUPITER MISSILE
POLARIS MISSILES

POLARIS A1 MISSILE

POLARIS A2 MISSILE

POLARIS A3 MISSILE

RT FIELD ARMY BALLISTIC MISSILES

FLEET BALLISTIC MISSILES

INTERCONTINENTAL BALLISTIC MISSILES

MARK 1 REENTRY BODY

MARK 2 REENTRY BODY

MARK 3 REENTRY BODY

SHORT RANGE BALLISTIC MISSILES

INTERMETALLICS

SN (COMPOUNDS CONSISTING OF ONLY

METALLIC ELEMENTS)

UF ELECTRON COMPOUNDS

RT ALLOYS

AMMINES

ARSENIDES

BORIDES

INORGANIC COMPOUNDS

METALLOIDS

METALS

PHASE DIAGRAMS

PHOTOELECTROMAGNETIC EFFECTS

SEMICONDUCTORS (MATERIALS)

SILICIDES

TELLURIDES

INTERMITTENCY

RT CYCLES

PULSES

RANDOM PROCESSES

INTERMITTENCY HYPOTHESIS

GS HYPOTHESES

INTERMITTENCY HYPOTHESIS

RT PHOTOGRAPHIC RECORDING

INTERMODULATION

GS MODULATION

INTERMODULATION

RT DEMODULATION
DISCRIMINATORS
FREQUENCY ANALYZERS
FREQUENCY MODULATION
REMODULATION
SOUND-SOUND INTERACTIONS
WAVE INTERACTION

INTERMOLECULAR FORCES

GS LEVEL (QUANTITY)

ENERGY LEVELS

MOLECULAR ENERGY LEVELS

INTERMOLECULAR FORCES

RT CONFIGURATION INTERACTION
EXCIMERS
LENNARD-JONES POTENTIAL
MOLECULAR INTERACTIONS
MOLECULAR STRUCTURE
VAN DER WAAL FORCES
VIRIAL COEFFICIENTS

INTERMONTANE FLOORS

USE VALLEYS

INTERNAL COMBUSTION ENGINES

SN (EXCLUDES ROCKET ENGINES)

GS ENGINES

INTERNAL COMBUSTION ENGINES

DIESEL ENGINES

GAS TURBINE ENGINES

HYDROGEN ENGINES

JET ENGINES

RAMJET ENGINES

INTEGRAL ROCKET RAMJETS

LOW VOLUME RAMJET ENGINES

PULSEJET ENGINES

SUPERSONIC COMBUSTION

RAMJET ENGINES

TURBORAMJET ENGINES

T-63 ENGINE

T-76 ENGINE

TURBOJET ENGINES

BRISTOL-SIDDELEY OLYMPUS

593 ENGINE

BRISTOL-SIDDELEY VIPER

ENGINE

DUCTED FAN ENGINES

J-33 ENGINE

INTERNAL COMPRESSION INLETS

INTERNAL COMBUSTION ENGINES-(CONT)

J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
T-58 ENGINE
T-58-GE-8B ENGINE
HELICOPTER ENGINES
ROTARY ENGINES
WANKEL ENGINES

RT

AFTERBURNING
AIRCRAFT ENGINES
AUTOMOBILE ENGINES
AUTOMOBILE FUELS
BEARING
BEARINGS
BOOSTER ROCKET ENGINES
CAMS
CARBURETORS
COMBUSTION
COMBUSTION CHAMBERS
DIESEL FUELS
DISTRIBUTORS
DUCTED ROCKET ENGINES
ELECTRIC HYBRID VEHICLES
ENGINE PARTS
ENGINE PRIMERS
ENGINE STARTERS
EXHAUST SYSTEMS
EXTERNAL COMBUSTION ENGINES
FUEL CONSUMPTION
FUEL INJECTION
FUEL PUMPS
FUEL SYSTEMS
GAS TURBINES
HYBRID PROPELLANT ROCKET ENGINES
IGNITION SYSTEMS
LIQUID PROPELLANT ROCKET ENGINES
LUBRICATION SYSTEMS
PISTON ENGINES
PISTONS
RETROROCKET ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SPARK PLUGS
SUPERCHARGERS
SUSTAINER ROCKET ENGINES
THERMODYNAMIC CYCLES
THERMODYNAMIC EFFICIENCY
TORPEDO ENGINES
VERNIER ENGINES

INTERNAL COMPRESSION INLETS

GS INTAKE SYSTEMS
INTERNAL COMPRESSION INLETS
RT AIR INTAKES
COMPRESSING
ENGINE INLETS
INLET NOZZLES
SUPERSONIC INLETS

INTERNAL CONVERSION

RT CONVERSION
NUCLEAR REACTIONS

INTERNAL ENERGY

RT CHEMICAL ENERGY
ENERGY
FREE ENERGY

INTERNAL ENERGY-(CONT)

GIBBS-HELMHOLTZ EQUATIONS
KINETIC ENERGY
LEVEL
MOLECULAR ENERGY LEVELS
PARTICLE ENERGY
POTENTIAL ENERGY
THERMAL ENERGY
THERMODYNAMICS

INTERNAL FRICTION

GS FRICTION
INTERNAL FRICTION
RT ANELASTICITY
ATTENUATION
COHESION
DAMPING
DENSITY (MASS/VOLUME)
EDDY VISCOSITY
HYSTERESIS
MECHANICAL PROPERTIES
PHYSICAL PROPERTIES
PLASTIC FLOW
VISCOSITY

INTERNAL PRESSURE

SN (PRESSURE INSIDE A PORTION OF MATTER) DUE TO ATTRACTION BETWEEN MOLECULES
GS PRESSURE
INTERNAL PRESSURE
RT ADHESION
COHESION
GAS PRESSURE
PARTIAL PRESSURE
PRESSURE DISTRIBUTION
SPREADING
TEMPERATURE INVERSIONS

INTERNAL STRESS

USE RESIDUAL STRESS

INTERNAL WAVES

GS INTERNAL WAVES
PLANETARY WAVES
RT SURFACE WAVES
WAVES

INTERNATIONAL COMPUTERS LIMITED

USE ICL COMPUTERS

INTERNATIONAL COOPERATION

GS FOREIGN POLICY
INTERNATIONAL RELATIONS
INTERNATIONAL COOPERATION
OUTER SPACE TREATY
RT A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
APOLLO SOYUZ TEST PROJECT
ARABSAT
ARCOMSAT
AZUR SATELLITE
COMMITTEE ON SPACE RESEARCH
COMMUNICATIONS TECHNOLOGY
SATELLITE
CONVENTIONS
COOPERATION
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
COSMOS 1129 SATELLITE
DISARMAMENT
EISCAT RADAR SYSTEM (EUROPE)
ESA SATELLITES
EUROPEAN AIRBUS
FEDERATIONS
FRENCH SPACE PROGRAMS
INFORMATION TRANSFER
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
INTERNATIONAL HYDROLOGICAL
DECADE
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
ORBITING FROG OTOLITH
PALAPA SATELLITES
PALAPA 2 SATELLITE
PEACETIME
POLITICS

NASA THESAURUS (VOLUME 1)

INTERNATIONAL COOPERATION-(CONT)

ROSAT MISSION
SEA LAW
SOVEREIGNTY
SYMPHONIE SATELLITES
U S S R SPACE PROGRAM
UNITED NATIONS
USER REQUIREMENTS
VEGA PROJECT
WORLD METEOROLOGICAL
ORGANIZATION

INTERNATIONAL FIELD YEAR FOR GREAT LAKES

RT CANADA
GREAT LAKES (NORTH AMERICA)
UNITED STATES

INTERNATIONAL GEOPHYSICAL YEAR

UF IGY (GEOPHYSICAL YEAR)
RT GEOPHYSICS
VANGUARD SATELLITES
WORLD DATA CENTERS

INTERNATIONAL GEOSPHERE-BIOSPHERE PROGRAM

GS PROGRAMS
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
RT BIOGEOCHEMISTRY
BIOSPHERE
EARTH OBSERVATIONS (FROM SPACE)
GEOPHYSICS
MAN ENVIRONMENT INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS

INTERNATIONAL HYDROLOGICAL DECADE

RT CANADA
FOREIGN POLICY
HYDROLOGY
INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
PRECIPITATION (METEOROLOGY)
RIVER BASINS
STREAMS
UNITED STATES
WATER RESOURCES
WATERSHEDS

INTERNATIONAL LAW

GS LAW (JURISPRUDENCE)
INTERNATIONAL LAW
AIR LAW
SEA LAW
SPACE LAW
RT CONVENTIONS
LEGAL LIABILITY
NATIONS
OUTER SPACE TREATY
PEACETIME
POLITICS
SOVEREIGNTY
UNITED NATIONS
WARFARE

INTERNATIONAL MAGNETOSPHERIC EXPLORER

UF IME SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
INTERNATIONAL MAGNETOSPHERIC
EXPLORER
RT DELTA LAUNCH VEHICLE
MAGNETOSPHERE

INTERNATIONAL MAGNETOSPHERIC STUDY

UF IMS
GS INVESTIGATION
INTERNATIONAL MAGNETOSPHERIC
STUDY
RT ATMOSPHERIC PHYSICS
EUROPEAN SPACE PROGRAMS
GEOMAGNETISM
INTERPLANETARY MAGNETIC FIELDS
MAGNETOSPHERE

INTERNATIONAL PRACTICAL TEMPERATURE

USE TEMPERATURE SCALES

INTERNATIONAL QUIET SUN YEAR

UF IQSY (INTERNATIONAL YEAR)
RT SOLAR ACTIVITY
SOLAR CYCLES
SOLAR PHYSICS

NASA THESAURUS (VOLUME 1)

INTERNATIONAL RELATIONS

GS FOREIGN POLICY
INTERNATIONAL RELATIONS
 INTERNATIONAL COOPERATION
 OUTER SPACE TREATY
 RT APOLLO SOYUZ TEST PROJECT
 INTERNATIONAL HYDROLOGICAL
 DECADE
 U S S R SPACE PROGRAM

INTERNATIONAL SATELLITE GEODESY

EXPERIMENT
 UF ISAGEX
 RT CELESTIAL GEODESY
 EUROPEAN SPACE PROGRAMS
 GEODETIC COORDINATES
 INTERNATIONAL COOPERATION
 SATELLITE TRACKING
 U S S R SPACE PROGRAM

INTERNATIONAL SATS FOR IONOSPHERIC STUDY

USE ISIS SATELLITES

INTERNATIONAL SOLAR POLAR MISSION

USE ULYSSES MISSION

INTERNATIONAL SUN EARTH EXPLORER 1

GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH
 EXPLORERS
**INTERNATIONAL SUN EARTH
 EXPLORER 1**

INTERNATIONAL SUN EARTH EXPLORER 2

GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH
 EXPLORERS
**INTERNATIONAL SUN EARTH
 EXPLORER 2**

INTERNATIONAL SUN EARTH EXPLORER 3

GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH
 EXPLORERS
**INTERNATIONAL SUN EARTH
 EXPLORER 3**

INTERNATIONAL SUN EARTH EXPLORERS

UF ISEE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
**INTERNATIONAL SUN EARTH
 EXPLORERS**
 INTERNATIONAL SUN EARTH
 EXPLORER 1
 INTERNATIONAL SUN EARTH
 EXPLORER 2
 INTERNATIONAL SUN EARTH
 EXPLORER 3

INTERNATIONAL SYSTEM OF UNITS

UF METRIC SYSTEM
 SI
 GS UNITS OF MEASUREMENT
INTERNATIONAL SYSTEM OF UNITS
 RT CONVERSION TABLES
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 METRICATION
 METROLOGY
 ∞ SYSTEMS

INTERNATIONAL TRADE

UF EXPORTS
 RT ECONOMICS
 REVENUE

INTERNATIONAL ULTRAVIOLET EXPLORER

USE IUE

INTERNUCLEAR PROPERTIES

RT MOLECULAR INTERACTIONS
 ∞ MOLECULAR PHYSICS

INTERORBITAL TRAJECTORIES

GS TRAJECTORIES
INTERORBITAL TRAJECTORIES

INTERORBITAL TRAJECTORIES-(CONT)

RT INTERPLANETARY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SPACECRAFT TRAJECTORIES

INTERPERSONAL RELATIONS

USE HUMAN RELATIONS

INTERPHONES

GS COMMUNICATION EQUIPMENT
INTERPHONES
 RT EARPHONES
 MICROPHONES
 TELECOMMUNICATION

INTERPLANETARY COMMUNICATION

GS TELECOMMUNICATION
 SPACE COMMUNICATION
INTERPLANETARY COMMUNICATION
 RT CIRCUMLUNAR COMMUNICATION
 EXTRATERRESTRIAL COMMUNICATION
 FACSIMILE COMMUNICATION
 LASERS
 LUNAR COMMUNICATION
 OPTICAL COMMUNICATION
 RADIO COMMUNICATION
 SPACECRAFT COMMUNICATION

INTERPLANETARY DUST

GS DUST
 COSMIC DUST
INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 MEDIA
 INTERPLANETARY MEDIUM
INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 RT METEOROID
 MICROMETEORIDS

INTERPLANETARY EXPLORER

USE EXPLORER 18 SATELLITE

INTERPLANETARY FLIGHT

UF PLANETARY SPACE FLIGHT
 GS SPACE FLIGHT
INTERPLANETARY FLIGHT
 LONG DURATION SPACE FLIGHT
 RT ASTRODYNAMICS
 EARTH-VENUS TRAJECTORIES
 FLYBY MISSIONS
 INTERSTELLAR SPACECRAFT
 MANNED SPACE FLIGHT
 MARINER JUPITER-SATURN FLYBY
 MARINER JUPITER-URANUS FLYBY
 MARINER MARK 2 SPACECRAFT
 ORBITS
 OUTER PLANETS EXPLORERS
 PLANETARY LANDING
 RETURN TO EARTH SPACE FLIGHT
 ROUND TRIP TRAJECTORIES
 SPACE EXPLORATION
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 TOPS (SPACECRAFT)

INTERPLANETARY GAS

GS EXTRATERRESTRIAL MATTER
 COSMIC GASES
INTERPLANETARY GAS
 GASES
 RAREFIED GASES
 COSMIC GASES
INTERPLANETARY GAS
 MEDIA
 INTERPLANETARY MEDIUM
INTERPLANETARY GAS
 RT COSMIC PLASMA
 INTERSTELLAR GAS
 NEUTRAL GASES
 SOLAR WIND

INTERPLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS
 RT CHAPMAN-FERRARO PROBLEM
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 SOLAR MAGNETIC FIELD

INTERPLANETARY MEDIUM

GS MEDIA

INTERPLANETARY SPACECRAFT

INTERPLANETARY MEDIUM-(CONT)

INTERPLANETARY MEDIUM
 INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 INTERPLANETARY GAS
 RT MASS DISTRIBUTION
 METEORIDS
 PLASMA CLOUDS
 SOLAR WIND

INTERPLANETARY MONITORING PLATFORM

USE IMP

INTERPLANETARY NAVIGATION

GS NAVIGATION
 SPACE NAVIGATION
INTERPLANETARY NAVIGATION
 RT ASTRONAVIGATION
 CELESTIAL NAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 RADAR NAVIGATION
 RADIO NAVIGATION

INTERPLANETARY PROPULSION

USE INTERPLANETARY SPACECRAFT
 ROCKET ENGINES

INTERPLANETARY SPACE

UF TRANSLUNAR SPACE
 GS ENVIRONMENTS
 AEROSPACE ENVIRONMENTS
 DEEP SPACE
INTERPLANETARY SPACE
 EXTRATERRESTRIAL ENVIRONMENTS
 DEEP SPACE
INTERPLANETARY SPACE
 RT CISLUNAR SPACE
 HELIOSPHERE
 INTERSTELLAR SPACE
 POLAR CUSPS

INTERPLANETARY SPACECRAFT

UF INTERPLANETARY PROPULSION
 PLANETARY SPACECRAFT
 GS **INTERPLANETARY SPACECRAFT**
 EXPLORER 18 SATELLITE
 JUPITER PROBES
 GALILEO PROBE
 GALILEO SPACECRAFT
 MARINER SPACE PROBES
 MARINER R 2 SPACE PROBE
 MARINER VENUS-MERCURY 1973
 MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE
 MARINER 3 SPACE PROBE
 MARINER 4 SPACE PROBE
 MARINER 5 SPACE PROBE
 MARINER 6 SPACE PROBE
 MARINER 7 SPACE PROBE
 MARINER 8 SPACE PROBE
 MARINER 9 SPACE PROBE
 MARINER 10 SPACE PROBE
 MARINER 11 SPACE PROBE
 MARINER SPACECRAFT
 MARINER C SPACECRAFT
 MARINER VENUS 67 SPACECRAFT
 MARS PROBES
 ADVANCED RECONN ELECTRIC
 SPACECRAFT
 MARINER 3 SPACE PROBE
 MARINER 4 SPACE PROBE
 MARINER 6 SPACE PROBE
 MARINER 7 SPACE PROBE
 MARINER 8 SPACE PROBE
 MARINER 10 SPACE PROBE
 MARS 1 SPACECRAFT
 MARS 2 SPACECRAFT
 MARS 3 SPACECRAFT
 MARS 4 SPACECRAFT
 MARS 5 SPACECRAFT
 MARS 6 SPACECRAFT
 MARS 7 SPACECRAFT
 VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 2
 VIKING 75 ENTRY VEHICLE

INTERPLANETARY TRAJECTORIES

INTERPLANETARY SPACECRAFT-(CONT)

ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
TOPS (SPACECRAFT)
VENUS PROBES
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
INTERSTELLAR SPACECRAFT
LANDING MODULES
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SATELLITES
SPACE CAPSULES
SPACE EXPLORATION
SPACE PROBES
∞ SPACECRAFT
UNMANNED SPACECRAFT
VOYAGER 1977 MISSION

INTERPLANETARY TRAJECTORIES

GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
INTERPLANETARY TRAJECTORIES
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
RT EARTH-MOON TRAJECTORIES
EARTH-VENUS TRAJECTORIES
GODDARD TRAJECTORY
DETERMINATION SYSTEM
INTERORBITAL TRAJECTORIES
ORBITAL LAUNCHING
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SOLAR ORBITS
SPACE NAVIGATION
SPACECRAFT GUIDANCE
TRANSFER ORBITS
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT

INTERPLANETARY TRAJECTORIES-(CONT)

VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

INTERPLANETARY TRANSFER ORBITS

GS ORBITS
ELLIPTICAL ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER
ORBITS
SPACECRAFT ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER
ORBITS
RT AEROASSIST
AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
ORBITAL MECHANICS
SWINGBY TECHNIQUE

INTERPOLATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
INTERPOLATION
RT COMMUTATION
COMPUTATION
EXTRAPOLATION
FINITE DIFFERENCE THEORY
STATISTICAL ANALYSIS

INTERPOLATORS

USE REPEATERS

∞ INTERPRETATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DECODING
INTELLIGIBILITY
PERCEPTION
PHOTOINTERPRETATION
READING
RECOGNITION
SYNTAX
TRANSLATING

INTERPROCESSOR COMMUNICATION

RT COMPUTER NETWORKS
COMPUTER SYSTEMS DESIGN
DINING PHILOSOPHERS PROBLEM
MULTIPROCESSING (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)

INTERRELATIONSHIPS

USE RELATIONSHIPS

INTERROGATION

RT DATA PROCESSING
IFF SYSTEMS (IDENTIFICATION)
SECONDARY RADAR
TRANSMITTER RECEIVERS
TRANSPONDERS

INTERRUPTION

RT ELECTRIC RELAYS
PACKET SWITCHING
SEQUENCING
SWITCHES
SWITCHING

INTERSECTIONS

SN (EXCLUDES BOOLEAN LOGICAL
PRODUCTS)
RT CROSSINGS
CROSSOVERS
HIGHWAYS
∞ JUNCTIONS
RAMPS (STRUCTURES)
ROADS
STREETS
TRANSPORTATION NETWORKS

INTERSERVICE DATA EXCHANGE PROGRAM

UF IDEP (DATA EXCHANGE)
RT ∞ DATA
DATA RETRIEVAL
DATA STORAGE
INFORMATION RETRIEVAL
LIBRARIES
MILITARY TECHNOLOGY
RESEARCH

NASA THESAURUS (VOLUME 1)

INTERSTELLAR CHEMISTRY

GS PARTICLE INTERACTIONS
MOLECULAR INTERACTIONS
INTERSTELLAR CHEMISTRY
RT ASSOCIATION REACTIONS
CHEMICAL REACTIONS
∞ CHEMISTRY
FORMYL IONS
MOLECULAR CLOUDS
REACTION KINETICS

INTERSTELLAR COMMUNICATION

GS COMMUNICATING
INTERSTELLAR COMMUNICATION
RT EXTRATERRESTRIAL INTELLIGENCE
RADIO COMMUNICATION
SPACE COMMUNICATION

INTERSTELLAR EXTINCTION

UF INTERSTELLAR REDDENING
GS EXTINCTION
INTERSTELLAR EXTINCTION
RT ASTROPHYSICS
EVOLUTION (DEVELOPMENT)
INTERSTELLAR GAS
RADIATION ABSORPTION
STELLAR EVOLUTION
STELLAR RADIATION

INTERSTELLAR GAS

GS EXTRATERRESTRIAL MATTER
COSMIC GASES
INTERSTELLAR GAS
NEUTRAL GASES
GASES
RAREFIED GASES
COSMIC GASES
INTERSTELLAR GAS
NEUTRAL GASES
RT HELIOSPHERE
INTERPLANETARY GAS
INTERSTELLAR EXTINCTION
MOLECULAR CLOUDS
OPHIUCHI CLOUDS
ORION NEBULA
SPIN TEMPERATURE
STELLAR MASS ACCRETION
STELLAR WINDS

INTERSTELLAR MAGNETIC FIELDS

UF GALACTIC MAGNETIC FIELDS
GS MAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
RT STELLAR MAGNETIC FIELDS

INTERSTELLAR MASERS

GS STIMULATED EMISSION DEVICES
MASERS
INTERSTELLAR MASERS
RT COHERENT ELECTROMAGNETIC
RADIATION
GAS MASERS
LASERS
MICROWAVE AMPLIFIERS
MOLECULAR CLOUDS
RADIATION SOURCES
STIMULATED EMISSION
WATER MASERS

INTERSTELLAR MATTER

RT CELESTIAL BODIES
COSMIC DUST
FORMYL IONS
MASS DISTRIBUTION
METALLICITY
MOLECULAR CLOUDS
NEBULAE
OPHIUCHI CLOUDS
ORION NEBULA
REFLECTION NEBULAE
SPIN TEMPERATURE
STELLAR MASS ACCRETION

INTERSTELLAR MICROWAVE SPECTRA

USE INTERSTELLAR RADIATION
MICROWAVE SPECTRA

INTERSTELLAR RADIATION

UF INTERSTELLAR MICROWAVE SPECTRA
GS EXTRATERRESTRIAL RADIATION
INTERSTELLAR RADIATION
RT CORPUSCULAR RADIATION
COSMIC NOISE
COSMIC RAYS
ELECTROMAGNETIC RADIATION

INTERSTELLAR RADIATION-(CONT)

GALACTIC RADIATION
GAMMA RAY BURSTS
∞ RADIATION
RADIATIVE TRANSFER
STELLAR RADIATION

INTERSTELLAR REDDENING

USE INTERSTELLAR EXTINCTION

INTERSTELLAR SPACE

GS ENVIRONMENTS
AEROSPACE ENVIRONMENTS
DEEP SPACE
INTERSTELLAR SPACE
EXTRATERRESTRIAL ENVIRONMENTS
DEEP SPACE
INTERSTELLAR SPACE
RT INTERPLANETARY SPACE

INTERSTELLAR SPACECRAFT

RT INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR TRAVEL
SATELLITES
SPACE EXPLORATION

INTERSTELLAR TRAVEL

GS SPACE FLIGHT
INTERSTELLAR TRAVEL
RT ASTRONAVIGATION
CELESTIAL REFERENCE SYSTEMS
EXTRATERRESTRIAL INTELLIGENCE
INTERSTELLAR SPACECRAFT
LONG DURATION SPACE FLIGHT
MANNED SPACE FLIGHT

INTERSTICES

RT CAVITIES
CRACKS
GRAIN BOUNDARIES
PERCOLATION
PERMEABILITY
PINHOLES
POROSITY
POROUS MATERIALS
VOIDS

INTERSTITIALS

RT ADDITIVES
CRYSTAL DEFECTS
CRYSTAL STRUCTURE
GRAIN BOUNDARIES

INTERSYMBOLIC INTERFERENCE

RT DATA TRANSMISSION
∞ INTERFERENCE
SIGNAL DISTORTION
TRANSMISSION EFFICIENCY

INTERTROPICAL CONVERGENT ZONES

GS REGIONS
INTERTROPICAL CONVERGENT ZONES
RT ATMOSPHERIC CIRCULATION
FRONTS (METEOROLOGY)
GARP ATLANTIC TROPICAL EXPERIMENT
TROPICAL METEOROLOGY
TROPICAL REGIONS

INTERVALS

RT ALTERNATIONS
CONSECUTIVE EVENTS
SPACING
STEP FUNCTIONS
TIME
TOPOLOGY

INTERVEHICLE SPACECREW TRANSFER

USE SPACECREW TRANSFER

INTERVERTEBRAL DISKS

GS DISKS (SHAPES)
INTERVERTEBRAL DISKS
RT ∞ DISKS
MUSCULOSKELETAL SYSTEM
VERTEBRAE

INTESTINES

GS ANATOMY
DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
INTESTINES
RECTUM
VISCERA

INTESTINES-(CONT)

INTESTINES
RECTUM
RT ABDOMEN
APPENDIX (ANATOMY)
COLIC

INTOXICATION

RT ∞ POISONING
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

INTRACRANIAL CAVITY

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY

INTRACRANIAL PRESSURE

GS PRESSURE
INTRACRANIAL PRESSURE
RT BRAIN

INTRAMOLECULAR STRUCTURES

RT MOLECULAR STRUCTURE
∞ STRUCTURES

INTRAOCULAR PRESSURE

UF TONOMETRY
GS PRESSURE
RT INTRAOCULAR PRESSURE
GLAUCOMA

INTRAORBIT TRANSFER VEHICLES

RT LARGE SPACE STRUCTURES
SPACE PLATFORMS
SPACE SHUTTLES
∞ VEHICLES

INTRAVASCULAR SYSTEM

GS CIRCULATION
BLOOD CIRCULATION
INTRAVASCULAR SYSTEM
RT ∞ SYSTEMS

INTRAVEHICULAR ACTIVITY

RT ∞ ACTIVITY
ASTRONAUT LOCOMOTION
ASTRONAUT MANEUVERING EQUIPMENT
ASTRONAUT PERFORMANCE
EXTRAVEHICULAR ACTIVITY
HUMAN PERFORMANCE
MANNED SPACE FLIGHT
PILOT PERFORMANCE
SPACECRAFT ENVIRONMENTS
WEIGHTLESSNESS

INTRAVENOUS PROCEDURES

RT CATHETERIZATION
MEDICAL SERVICES

INTROVERSION

RT ∞ DEPRESSION
DETACHMENT
HUMAN BEHAVIOR
∞ INHIBITION
PSYCHOLOGY

INTRUDER AIRCRAFT

USE A-6 AIRCRAFT

INTRUSION

RT CONTAMINATION
EXTRUDING
LEAKAGE
SEEPAGE

INVADER AIRCRAFT

USE B-26 AIRCRAFT

INVALIDITY

USE ERRORS

INVARIANCE

GS INVARIANCE
GAUGE INVARIANCE
RT ∞ CONSTANT
LORENTZ TRANSFORMATIONS

INVARIANT IMBEDDINGS

GS GEOMETRY
TOPOLOGY
IMBEDDINGS (MATHEMATICS)
INVARIANT IMBEDDINGS
RT ANISOTROPIC FLUIDS
CALCULUS OF VARIATIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DIFFERENTIAL GEOMETRY
∞ IMBEDDINGS
ISOTROPIC TURBULENCE

INVENTIONS

RT PATENT APPLICATIONS
PATENT POLICY
PATENTS
PRODUCT DEVELOPMENT

INVENTORIES

GS INVENTORIES
CROP INVENTORIES
TIMBER INVENTORY
RT LARGE AREA CROP INVENTORY
EXPERIMENT
RESERVES
∞ STORAGE

INVENTORY CONTROLS

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT ∞ CONTROL
DISTRIBUTING
MATHEMATICAL MODELS
OPTIMAL CONTROL
RESERVES
RISK
∞ STORAGE
TIME LAG

INVENTORY MANAGEMENT

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT DOWNTIME
LOGISTICS
PROCUREMENT MANAGEMENT
RESOURCES
RETIREMENT FOR CAUSE
SERVICES
SPARE PARTS
STOCKPILING
∞ STORAGE

INVERSE SCATTERING

GS SCATTERING
INVERSE SCATTERING
RT FORWARD SCATTERING
RESONANCE SCATTERING

INVERSIONS

GS INVERSIONS
CENTRIFUGING STRESS
MAGNETIC FIELD INVERSIONS
POPULATION INVERSION
TEMPERATURE INVERSIONS

INVERTEBRATES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
ARTEMIA
CEPHALPODS
MOLLUSKS
OCTOPUSES
SNAILS
CRABS
INSECTS
BEES
BOLL WEEVILS
CHIRONOMUS FLIES
COCKROACHES
COLEOPTERA
CRICKETS
BEETLES
TRIBOLIA

INVERTED CONVERTERS (DC TO AC)

INVERTEBRATES-(CONT)

DROSOPHILA
FIREFLIES
GRASSHOPPERS
LARVAE
BOLLWORMS
SILKWORMS
LOCUSTS
MOTHS
SILKWORMS
PUPA
SPIDERS
PROTOZOA
FLAGELLATA
TRYPANOSOME
PARAMECIA
ROTIFERA
PELOMYXA
SEA URCHINS
SPORES
MICROSPORES
WORMS
FLATWORMS
RT BACTERIA
HEMOCYTES
MICROORGANISMS

INVERTED CONVERTERS (DC TO AC)

RT ALTERNATING CURRENT
∞ CONVERTERS
CURRENT CONVERTERS (AC TO DC)
DIRECT CURRENT
ELECTRIC CURRENT

INVERTERS

SN (EXCLUDES AC TO DC INVERTERS)
GS INVERTERS
STATIC INVERTERS
RT ATTENUATORS
OSCILLATORS

INVESTIGATION

UF STUDIES
GS INVESTIGATION
ACCIDENT INVESTIGATION
AIRCRAFT ACCIDENT INVESTIGATION
INTERNATIONAL MAGNETOSPHERIC
STUDY
RT EXAMINATION
EXPERIMENTATION
EXPLORATION
GEOPHYSICAL FLUID FLOW CELLS
OSS-1 PAYLOAD
PROGRAMS
RESEARCH
RESEARCH AND DEVELOPMENT
SAMPLING
UNIVERSITY PROGRAM

∞ INVESTMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COMMERCE
INVESTMENT CASTING
INVESTMENTS

INVESTMENT CASTING

UF LOST WAX PROCESS
GS FORMING TECHNIQUES
CASTING
INVESTMENT CASTING
RT CENTRIFUGAL CASTING
∞ INVESTMENT

INVESTMENTS

RT DEPRECIATION
ECONOMIC IMPACT
ECONOMICS
FINANCE
∞ INVESTMENT

INVISCID FLOW

UF NONVISCOUS FLOW
GS FLUID FLOW
INVISCID FLOW
STAGNATION FLOW
RT AERODYNAMICS
CROCCO METHOD
CROCCO-LEE THEORY
∞ FLOW
FLOW CHARACTERISTICS
GAS FLOW
LAMINAR FLOW
POTENTIAL FLOW

INVISCID FLOW-(CONT)

PRANDTL NUMBER
REYNOLDS NUMBER
STAGNATION TEMPERATURE
TURBULENT FLOW
VISCOUS FLOW

INVISIBILITY

USE VISIBILITY

INVOLUNTARINESS

USE INVOLUNTARY ACTIONS

INVOLUNTARY ACTIONS

UF INVOLUNTARINESS
RT AUTONOMIC NERVOUS SYSTEM
SNEEZING
SPASMS
TWITCHING

IO

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
IO
SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
IO
RT CALLISTO
CHARON
GANYMEDE
JUPITER (PLANET)

IODATES

GS HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODATES
LITHIUM IODATES

IODIDES

GS HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODIDES
CESIUM IODIDES
GALLAMINE TRIETHIODIDE
HAFNIUM IODIDES
NIOBIUM IODIDES
POTASSIUM IODIDES
SILVER IODIDES
SODIUM IODIDES
ZIRCONIUM IODIDES

IODIMETRY

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
IODIMETRY
RT QUANTITATIVE ANALYSIS
∞ REDUCTION
TITRATION

IODINE

GS CHEMICAL ELEMENTS
HALOGENS
IODINE
IODINE ISOTOPES
IODINE 125
IODINE 131
IODINE 132

IODINE COMPOUNDS

GS HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODATES
LITHIUM IODATES
IODIDES
CESIUM IODIDES
GALLAMINE TRIETHIODIDE
HAFNIUM IODIDES
NIOBIUM IODIDES
POTASSIUM IODIDES
SILVER IODIDES
SODIUM IODIDES
ZIRCONIUM IODIDES
ODOACETIC ACID
RT ∞ CHEMICAL COMPOUNDS
HALOCARBONS

IODINE ISOTOPES

GS CHEMICAL ELEMENTS
HALOGENS
IODINE

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IODINE ISOTOPES-(CONT)

IODINE ISOTOPES
IODINE 125
IODINE 131
IODINE 132
NUCLIDES
ISOTOPES
IODINE ISOTOPES
IODINE 125
IODINE 131
IODINE 132

IODINE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
IODINE LASERS

IODINE 125

GS CHEMICAL ELEMENTS
HALOGENS
IODINE
IODINE ISOTOPES
IODINE 125
NUCLIDES
ISOTOPES
IODINE ISOTOPES
IODINE 125
RADIOACTIVE ISOTOPES
IODINE 125

IODINE 131

GS CHEMICAL ELEMENTS
HALOGENS
IODINE
IODINE ISOTOPES
IODINE 131
NUCLIDES
ISOTOPES
IODINE ISOTOPES
IODINE 131
RADIOACTIVE ISOTOPES
IODINE 131

IODINE 132

GS CHEMICAL ELEMENTS
HALOGENS
IODINE
IODINE ISOTOPES
IODINE 132
NUCLIDES
ISOTOPES
IODINE ISOTOPES
IODINE 132
RADIOACTIVE ISOTOPES
IODINE 132

ODOACETIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
ACETIC ACID
ODOACETIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ODOACETIC ACID
HALOGEN COMPOUNDS
IODINE COMPOUNDS
ODOACETIC ACID
LIPIDS
ODOACETIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
ACETIC ACID
ODOACETIC ACID

ION ACCELERATORS

GS PARTICLE ACCELERATORS
ION ACCELERATORS
RT ∞ ACCELERATORS
SYNCHROTRONS

ION ACOUSTIC WAVES

GS ELASTIC WAVES
SOUND WAVES
ION ACOUSTIC WAVES
RT PLASMA OSCILLATIONS
PLASMA WAVES
WAVE PROPAGATION

ION ATOM INTERACTIONS

GS PARTICLE INTERACTIONS
ION ATOM INTERACTIONS
RT ATOMIC INTERACTIONS
CHARGE EXCHANGE

ION ATOM INTERACTIONS-(CONT)ELEMENTARY PARTICLE INTERACTIONS
∞ INTERACTIONS**ION BEAMS**GS BEAMS (RADIATION)
PARTICLE BEAMS
ION BEAMS
ION CURRENTS
ION BEAMS
RT ATOMIC BEAMS
BEAM INJECTION
BEAM NEUTRALIZATION
INERTIAL FUSION (REACTOR)
MOLECULAR BEAMS**ION CHAMBERS**

USE IONIZATION CHAMBERS

ION CHARGEGS ELECTRIC CHARGE
ION CHARGE
RT CHARGE EXCHANGE
CHARGED PARTICLES
IONIZATION
VALENCE**ION CONCENTRATION**RT ACIDITY
∞ BASES
IONOSPHERE
PH FACTOR
TITRATION**ION CURRENTS**UF IONIC CONDUCTIVITY
GS ION CURRENTS
ION BEAMS
RT SOLIONS**ION CYCLOTRON RADIATION**GS PARTICLES
CORPUSCULAR RADIATION
CYCLOTRON RADIATION
ION CYCLOTRON RADIATION
RT CYCLOTRON RESONANCE
IONIC WAVES
MAGNETIC PUMPING
PLASMA RADIATION
PLASMA WAVES
∞ RADIATION**ION DENSITY (CONCENTRATION)**GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
IONOSPHERIC ION DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON
DENSITY
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
COSMIC RAYS
ELECTRON DENSITY (CONCENTRATION)
GERDIEN CONDENSERS
IONIZATION
IONOGRAMS
IONOSPHERE
PLASMA DENSITY
POSITIVE IONS
SAHA EQUATIONS
SPACE DENSITY**ION DISTRIBUTION**GS DISTRIBUTION (PROPERTY)
ION DISTRIBUTION
RT CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
ELECTROHYDRODYNAMICS
IONIC MOBILITY
SPATIAL DISTRIBUTION
VERTICAL DISTRIBUTION**ION EMISSION**GS DECAY
EMISSION
PARTICLE EMISSION
ION EMISSION
RT IONIZATION
THERMIONIC EMISSION**ION EMISSION-(CONT)**

THERMIONICS

ION ENGINESUF IONIC PROPELLANTS
THERMIONIC REACTORS
GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ION ENGINES
CESIUM ENGINES
MERCURY ION ENGINES
RIT ENGINES
RT ARC JET ENGINES
BEAM SWITCHING
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
IONIZERS
NUCLEAR ROCKET ENGINES
PLASMA ENGINES
RESTARTABLE ROCKET ENGINES
SUSTAINER ROCKET ENGINES
∞ THRUSTORS**ION EXCHANGE MEMBRANE ELECTROLYTES**GS CONDUCTORS
ELECTROLYTES
ION EXCHANGE MEMBRANE
ELECTROLYTES
MEMBRANES
ION EXCHANGE MEMBRANE
ELECTROLYTES
RT FUEL CELLS
SEPARATORS**ION EXCHANGE RESINS**GS RESINS
ION EXCHANGE RESINS
RT PLASTICS
ZEOLITES**ION EXCHANGING**GS EXCHANGING
ION EXCHANGING
RT BEDS (PROCESS ENGINEERING)
CHARGE TRANSFER
DEMINEALIZING
GLASS ELECTRODES
HYDROMETALLURGY
ISOTOPE SEPARATION
KAOLINITE
METATHESIS
∞ SEPARATION
SOFTENING
WATER TREATMENT**ION EXTRACTION**GS EXTRACTION
ION EXTRACTION
RT ISOTOPE SEPARATION
∞ SEPARATION
SOLVENT EXTRACTION**ION GAGES**

USE IONIZATION GAGES

ION IMPACTGS IMPACT
ION IMPACT
RT ELECTRON IMPACT
POINT IMPACT
RECOIL IONS
TOROIDS
TOWNSEND AVALANCHE
TOWNSEND DISCHARGE**ION IMPLANTATION**GS IMPLANTATION
ION IMPLANTATION
RT AVALANCHE DIODES
CARRIER MOBILITY
DIODES
FIELD EFFECT TRANSISTORS
INTEGRATED CIRCUITS
IONS
JUNCTION TRANSISTORS
METAL IONS
METAL OXIDE SEMICONDUCTORS
MICROELECTRONICS
MOM (SEMICONDUCTORS)
PHOTODIODES
SEMICONDUCTOR DEVICES
TRANSISTORS**ION INJECTION**GS INJECTION
ION INJECTION
RT CARRIER INJECTION
IONIC MOBILITY
PLASMA ACCELERATORS
PLASMA GENERATORS
PLASMA JETS**ION IRRADIATION**GS IRRADIATION
ION IRRADIATION
DEUTERON IRRADIATION
PROTON IRRADIATION
RT AURORAL IRRADIATION
ELECTRON IRRADIATION
IONIC COLLISIONS
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SCHREIBERSITE
STONY METEORITES
TROILITE
WIDMANSTATTEN STRUCTURE

IRON ORES

GS MINERALS
IRON ORES
HEMATITE

IRON OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
IRON OXIDES
CHROMITES
HEMATITE
ILMENITE
MAGNETITE
IRON COMPOUNDS
IRON OXIDES
CHROMITES
HEMATITE
ILMENITE
MAGNETITE

IRON 57

GS CHEMICAL ELEMENTS
IRON
IRON ISOTOPES
IRON 57
NUCLIDES
ISOTOPES
IRON ISOTOPES
IRON 57
METALS
TRANSITION METALS
IRON
IRON ISOTOPES
IRON 57

IRON 58

GS CHEMICAL ELEMENTS
IRON
IRON ISOTOPES
IRON 58
NUCLIDES
ISOTOPES
IRON ISOTOPES
IRON 58
METALS
TRANSITION METALS
IRON
IRON ISOTOPES
IRON 58

IRON 59

GS CHEMICAL ELEMENTS
IRON
IRON ISOTOPES

IRON 59-(CONT)

IRON 59
NUCLIDES
ISOTOPES
IRON ISOTOPES
IRON 59
RADIOACTIVE ISOTOPES
IRON 59
METALS
TRANSITION METALS
IRON
IRON ISOTOPES
IRON 59

IROQUOIS HELICOPTER

USE UH-1 HELICOPTER

IRRADIANCE

SN (DETECTION RATE PER UNIT AREA OF RADIATION)
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
RT ELECTRON FLUX DENSITY
LUMINANCE
LUMINOUS INTENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
SOLAR BACKSCATTER UV
SPECTROMETER
SOLAR FLUX DENSITY

IRRADIATION

GS IRRADIATION
AURORAL IRRADIATION
ELECTRON IRRADIATION
ION IRRADIATION
DEUTERON IRRADIATION
PROTON IRRADIATION
NEUTRON IRRADIATION
X RAY IRRADIATION
RT ACTIVATION
BEAMS (RADIATION)
∞ BOMBARDMENT
DOSIMETERS
ELECTROMAGNETIC ABSORPTION
ELECTRON PROBES
EMISSION
EXCITATION
EXPOSURE
FLUX DENSITY
IONIZING RADIATION
NUCLEAR CAPTURE
NUCLEAR FUSION
NUCLEAR RADIATION
PRESERVING
∞ RADIATION
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION MEASUREMENT
RADIATION TOLERANCE
RADIOBIOLOGY
RADIOGRAPHY
TARGETS

IRRATIONALITY

RT DISORIENTATION
DITHERS
MENTAL PERFORMANCE
PREJUDICES
PSYCHOSES
SCHIZOPHRENIA

IRREGULARITIES

RT ABNORMALITIES
DEFECTS
DEVIATION
NONUNIFORMITY

IRREVERSIBLE PROCESSES

RT NONEQUILIBRIUM THERMODYNAMICS
ONLAGER RELATIONSHIP
REACTION KINETICS
THERMODYNAMICS
THERMOVISCOELASTICITY
VARIATIONAL PRINCIPLES

IRRIGATION

RT AGRICULTURE
ALFALFA
BARLEY

IRRITATION

IRRIGATION-(CONT)

CANALS
CITRUS TREES
CORN
CROP VIGOR
DITCHES
DRAINAGE
DRAINAGE PATTERNS
FARM CROPS
FARMLANDS
OATS
ORCHARDS
PONDS
SEEPAGE
SUGAR BEETS
SUGAR CANE
TROUGHES
VEGETATION GROWTH
VINEYARDS
WATER CONSUMPTION

IRRITATION

GS IRRITATION
TOXICITY AND SAFETY HAZARD
RT ∞ REACTION

IRROTATIONAL FLOW

USE POTENTIAL FLOW

IRS (INDIAN SPACECRAFT)

USE INDIAN SPACECRAFT

ISAGEX

USE INTERNATIONAL SATELLITE GEODESY
EXPERIMENT

ISCHEMIA

GS CIRCULATION
BLOOD CIRCULATION
ISCHEMIA
RT CONGESTION
VASOCONSTRICTION

ISSEE

USE INTERNATIONAL SUN EARTH
EXPLORERS

ISENTROPE

RT ADIABATIC CONDITIONS
ISENTROPIC PROCESSES
MOLLIER DIAGRAM
POISSON EQUATION

ISENTROPIC PROCESSES

GS ISENTROPIC PROCESSES
NONISENTROPICITY
RT BERNOLLI THEOREM
ISENTROPE
ISOENERGETIC PROCESSES
ISOPYCNIC PROCESSES
 ∞ PROCESSES
THERMODYNAMIC EQUILIBRIUM

ISING MODEL

USE FERROMAGNETISM
MATHEMATICAL MODELS

ISIS SATELLITES

SN (INTERNATIONAL SATELLITES FOR
IONOSPHERIC STUDY)
UF INTERNATIONAL SATS FOR
IONOSPHERIC STUDY
GS SATELLITES
ARTIFICIAL SATELLITES
ISIS SATELLITES
ALOUETTE 2 SATELLITE
ISIS-A
ISIS-B
ISIS-X
RT ALOUETTE SATELLITES

ISIS-A

GS SATELLITES
ARTIFICIAL SATELLITES
ISIS SATELLITES
ISIS-A
RT ALOUETTE PROJECT

ISIS-B

GS SATELLITES
ARTIFICIAL SATELLITES
ISIS SATELLITES
ISIS-B

ISIS-X

GS SATELLITES
ARTIFICIAL SATELLITES
ISIS SATELLITES
ISIS-X
RT ALOUETTE B SATELLITE

ISKRA AIRCRAFT

USE TS-11 AIRCRAFT

ISLAND ARCS

GS LANDFORMS
ISLAND ARCS
RT ALEUTIAN ISLANDS (US)
 ∞ ARCS
BARRIERS (LANDFORMS)
ISLANDS
KEYS (ISLANDS)
LAGOONS
REEFS

ISLANDS

GS LANDFORMS
ISLANDS
ALEUTIAN ISLANDS (US)
ASSATEAGUE ISLAND (MD-VA)
ATOLLS
BAHRAIN
BERMUDA
CYPRUS
GREENLAND
HAWAII
ICELAND
INDONESIA
IRELAND
KEYS (ISLANDS)
LONG ISLAND (NY)
MALAGASY REPUBLIC
MALDIVES ISLANDS
MALTA
MERRITT ISLAND (FL)
NEWFOUNDLAND
NUNATAKS
PACIFIC ISLANDS
GUAM
JAPAN
JOHNSTON ISLAND
KURILE ISLANDS
NEW GUINEA (ISLAND)
NEW ZEALAND
PHILIPPINES
SAMOA
PRINCE EDWARD ISLAND
SICILY
TASMANIA
WALLOPS ISLAND
WEST INDIES
BAHAMAS
BARBADOS
CUBA
DOMINICA
GUADELOUPE
HAITI
JAMAICA
LESSER ANTILLES
MARTINIQUE
PUERTO RICO
TRINIDAD AND TOBAGO
VIRGIN ISLANDS
RT ARCHIPELAGOES
CAPE VERDE
CORAL REEFS
ISLAND ARCS
LAGOONS
OUTER BANKS (NC)
REEFS
SEAMOUNTS

∞ ISOBARS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BAROCLINITY
BAROTROPISM
ISOBARS (PRESSURE)
NUCLEAR ISOBARS
POLYTROPIC PROCESSES

ISOBARS (PRESSURE)

RT ATMOSPHERIC PRESSURE
GEOSTROPHIC WIND
GRADIENTS
 ∞ ISOBARS
ISOCHORIC PROCESSES
ISOPYCNIC PROCESSES

NASA THESAURUS (VOLUME 1)

ISOBARS (PRESSURE)-(CONT)

ISOTHERMAL PROCESSES
METEOROLOGICAL CHARTS
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE GRADIENTS

ISOBUTANE

USE BUTANES

ISOBUTYLENE

USE BUTENES

ISOCHORIC PROCESSES

RT ISOBARS (PRESSURE)
ISOPYCNIC PROCESSES
THERMODYNAMIC EQUILIBRIUM
VOLUME

ISOCHROMATICS

RT COLOR
DICHROISM
DIFFRACTION
INTERFEROMETRY
REFRACTION

ISOCYANATES

GS ESTERS
ISOCYANATES
DIISOCYANATES
FULMINATES
NITROGEN COMPOUNDS
CYANO COMPOUNDS
ISOCYANATES
DIISOCYANATES
FULMINATES

ISOELECTRONIC SEQUENCE

RT ATOMIC STRUCTURE
SPECTRA
SPECTROSCOPY

ISOENERGETIC PROCESSES

RT ADIABATIC CONDITIONS
ISENTROPIC PROCESSES
THERMODYNAMIC EQUILIBRIUM

ISOLATION

GS ISOLATION
SOCIAL ISOLATION
RT CONFINEMENT
CONFINING
DEPRIVATION
DISPOSAL
EXCLUSION
GNOTOBIOTICS
INSULATION
ISOLATORS
 ∞ SEPARATION
SPACING

ISOLATORS

GS ISOLATORS
VIBRATION ISOLATORS
RT ATTENUATORS
INSULATION
ISOLATION
NOISE REDUCTION
SHOCK ABSORBERS
SPACERS
SUPPRESSORS
VIBRATION

ISOMERIZATION

GS ISOMERIZATION
ORTHO PARA CONVERSION
RT ∞ CONVERSION
REFINING

ISOMERS

GS ISOMERS
ISOPROPYL ALCOHOL
PHENANTHRENE
RT ATOMS
NUCLEAR CHEMISTRY
STEREOCHEMISTRY
TAUTOMERS

ISOMORPHISM

UF MORPHOTROPISM
GS MORPHOLOGY
ISOMORPHISM
RT CRYSTAL LATTICES
CRYSTAL STRUCTURE

ISOMORPHISM-(CONT)

DUALITY THEOREM
HOMOMORPHISMS

ISOPARAMETRIC FINITE ELEMENTS

RT CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
∞ ELEMENTS
FINITE ELEMENT METHOD
FRACTURE MECHANICS
NUMERICAL ANALYSIS
STRESS ANALYSIS

ISOPERIMETRIC PROBLEM

RT ANALYTIC FUNCTIONS
CONTINUITY (MATHEMATICS)
LAGRANGE MULTIPLIERS
MATRICES (MATHEMATICS)
∞ PROBLEMS
TOPOLOGY

ISOPHOTES

RT ∞ ILLUMINATION

ISOPLETHS

USE NOMOGRAPHS

ISOPROPYL ALCOHOL

GS ALIPHATIC COMPOUNDS
ISOPROPYL COMPOUNDS
ISOPROPYL ALCOHOL
HYDROXYL COMPOUNDS
ALCOHOLS
ISOPROPYL ALCOHOL
ISOMERS
ISOPROPYL ALCOHOL

ISOPROPYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
ISOPROPYL COMPOUNDS
ISOPROPYL ALCOHOL
RT ∞ CHEMICAL COMPOUNDS

ISOPROPYL NITRATE

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
ISOPROPYL NITRATE
NITRATE ESTERS
ISOPROPYL NITRATE
ESTERS
NITRATE ESTERS
ISOPROPYL NITRATE
NITROGEN COMPOUNDS
NITRATE ESTERS
ISOPROPYL NITRATE

ISOPYCNIC PROCESSES

UF ISOSTERIC PROCESSES
RT DENSITY (MASS/VOLUME)
ISENTROPIC PROCESSES
ISOBARS (PRESSURE)
ISOCORIC PROCESSES

ISOSTASY

RT ∞ EQUILIBRIUM
GEOMORPHOLOGY
GEOPHYSICS
GLACIOLOGY
GRAVITATION
HYDROSTATICS
OROGRAPHY
SEISMOLOGY
SUBSIDENCE

ISOSTATIC PRESSURE

GS PRESSURE
ISOSTATIC PRESSURE
RT ATMOSPHERIC PRESSURE
HYDROSTATIC PRESSURE
STATIC PRESSURE

ISOSTERIC PROCESSES

USE ISOPYCNIC PROCESSES

ISOTENSOID STRUCTURES

RT COMPOSITE WRAPPING
FILAMENT WINDING
PRESSURE VESSELS
PRESTRESSING
SHELLS (STRUCTURAL FORMS)
SPIRAL WRAPPING
∞ STRUCTURES

ISOTHERMAL FLOW

GS FLUID FLOW
ISOTHERMAL FLOW
RT FLOW DISTRIBUTION
ISOTHERMS
TEMPERATURE DISTRIBUTION

ISOTHERMAL LAYERS

RT ISOTHERMS
LAMINAR BOUNDARY LAYER
STRATOSPHERE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL MAPPING
TROPopause

ISOTHERMAL PROCESSES

RT ADIABATIC CONDITIONS
ISOBARS (PRESSURE)
ISOTHERMS
THERMODYNAMIC EQUILIBRIUM

ISOTHERMS

RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
ATMOSPHERIC TEMPERATURE
GRADIENTS
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMAL PROCESSES
METEOROLOGICAL PARAMETERS
METEOROLOGY
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL MAPPING
THERMODYNAMICS

ISOTONICITY

RT BODY FLUIDS
OSMOSIS

ISOTOPE EFFECT

UF ISOTOPE SHIFT
RT ∞ EFFECTS

ISOTOPE SEPARATION

RT ATOMS
HEAVY IONS
ION EXCHANGING
ION EXTRACTION
ISOTOPES
JET MEMBRANE PROCESS

ISOTOPE SHIFT

USE ISOTOPE EFFECT

ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
ALUMINUM ISOTOPES
ALUMINUM 26
ALUMINUM 27
ANTIMONY ISOTOPES
ARGON ISOTOPES
BARIUM ISOTOPES
BERYLLIUM ISOTOPES
BERYLLIUM 7
BERYLLIUM 9
BERYLLIUM 10
BISMUTH ISOTOPES
BORON ISOTOPES
BORON 10
BROMINE ISOTOPES
CADMIUM ISOTOPES
CALCIUM ISOTOPES
CARBON ISOTOPES
CARBON 12
CARBON 13
CARBON 14
CERIUM ISOTOPES
CERIUM 137
CERIUM 144
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
CESIUM VAPOR
CHROMIUM ISOTOPES
COBALT ISOTOPES
COBALT 58
COBALT 60
DYSPROSIUM ISOTOPES

ISOTOPES-(CONT)

ERBIUM ISOTOPES
EUROPIUM ISOTOPES
FLUORINE ISOTOPES
GADOLINIUM ISOTOPES
GALLIUM ISOTOPES
GERMANIUM ISOTOPES
HAFNIUM ISOTOPES
HELIUM ISOTOPES
HOLMIUM ISOTOPES
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
IODINE ISOTOPES
IODINE 125
IODINE 131
IODINE 132
IRIDIUM ISOTOPES
IRON ISOTOPES
IRON 57
IRON 58
IRON 59
KRYPTON ISOTOPES
KRYPTON 85
LANTHANUM ISOTOPES
LEAD ISOTOPES
LITHIUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
MANGANESE ISOTOPES
MERCURY ISOTOPES
NEODYMIUM ISOTOPES
NEON ISOTOPES
NICKEL ISOTOPES
NIOBIUM ISOTOPES
NIOBIUM 95
NITROGEN ISOTOPES
NITROGEN 15
NITROGEN 16
OXYGEN ISOTOPES
OXYGEN 18
PHOSPHORUS ISOTOPES
PHOSPHORUS 32
PLATINUM ISOTOPES
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
PRASEODYMIUM ISOTOPES
PROMETHIUM ISOTOPES
PROTACTINIUM ISOTOPES
RADIOACTIVE ISOTOPES
ARSENIC ISOTOPES
ASTATINE ISOTOPES
BERYLLIUM 7
BERYLLIUM 9
BERYLLIUM 10
CARBON 14
CERIUM 137
CERIUM 144
CESIUM 134
CESIUM 137
CESIUM 144
COBALT 58
COBALT 60
GOLD ISOTOPES
GOLD 198
INDIUM ISOTOPES
IODINE 125
IODINE 131
IODINE 132
IRON 59
KRYPTON 85
NIOBIUM 95
NITROGEN 16
PHOSPHORUS 32
POLONIUM 208
POLONIUM 209
POLONIUM 210
POTASSIUM 38
POTASSIUM 40
RUBIDIUM 86
SODIUM 22
SODIUM 24
STRONTIUM 85
STRONTIUM 88
STRONTIUM 89
STRONTIUM 90
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES

ISOTOPIC ENRICHMENT

ISOTOPES-(CONT)

BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
SERGENIUM
TRITIUM
URANIUM 232
URANIUM 233
URANIUM 238
XENON 133
XENON 135
ZIRCONIUM 95
RADIUM ISOTOPES
RADIUM 226
RADON ISOTOPES
RHODIUM ISOTOPES
RUBIDIUM ISOTOPES
RUBIDIUM 86
RUTHENIUM ISOTOPES
SCANDIUM ISOTOPES
SILVER ISOTOPES
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
STRONTIUM ISOTOPES
STRONTIUM 85
STRONTIUM 87
STRONTIUM 89
STRONTIUM 90
TANTALUM ISOTOPES
TELLURIUM
TELLURIUM ISOTOPES
TERBIUM ISOTOPES
THORIUM ISOTOPES
THULIUM ISOTOPES
TIN ISOTOPES
TITANIUM ISOTOPES
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
VANADIUM ISOTOPES
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
YTTRIUM ISOTOPES
ZINC ISOTOPES
ZIRCONIUM ISOTOPES
ZIRCONIUM 95

RT ATOMS
HEAVY IONS
ISOTOPE SEPARATION
ISOTOPIC ENRICHMENT
ISOTOPIC LABELING
JET MEMBRANE PROCESS
METALS
NUCLEAR ISOBARS
NUCLEI (NUCLEAR PHYSICS)
RADIOACTIVE MATERIALS

ISOTOPIC ENRICHMENT

GS ENRICHMENT
ISOTOPIC ENRICHMENT
JET MEMBRANE PROCESS
RT BENEFICIATION
CHEMICAL ELEMENTS
∞ CONCENTRATION
ISOTOPES
NUCLIDES

ISOTOPIC LABELING

GS MARKING
ISOTOPIC LABELING
RT CHEMICAL ANALYSIS
ISOTOPES
RADIOACTIVE ISOTOPES
RADIOCHEMISTRY
TRACE ELEMENTS
∞ TRACERS

ISOTOPIC SPIN

GS SPIN
PARTICLE SPIN
ISOTOPIC SPIN

ISOTROPIC MEDIA

GS ISOTROPY
ISOTROPIC MEDIA
RT ANISOTROPIC MEDIA

ISOTROPIC TURBULENCE

GS TURBULENCE
ISOTROPIC TURBULENCE
RT ATMOSPHERIC TURBULENCE
COORDINATE TRANSFORMATIONS
HOMOGENEOUS TURBULENCE
INSTRUMENT RECEIVERS
INVARIANT IMBEDDINGS
KOLMOGOROFF THEORY
MAGNETOHYDRODYNAMIC TURBULENCE
TURBULENT FLOW

ISOTROPISM

RT REFRACTIVITY
SYMMETRY

ISOTROPY

UF SPATIAL ISOTROPY
GS ISOTROPY
ISOTROPIC MEDIA
RT ANISOTROPIC FLUIDS
ANISOTROPY
BRAGG ANGLE
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
CRYSTALS
DENDRITIC CRYSTALS
DIRECTIVITY
FIELD STRENGTH
MECHANICAL PROPERTIES
METALLOGRAPHY
OPTICAL PROPERTIES
∞ ORIENTATION
∞ PHYSICAL PROPERTIES

ISRAEL

GS NATIONS
ISRAEL
RT ASIA

ISRO

UF INDIAN SPACE RESEARCH
ORGANIZATION
GS ORGANIZATIONS
ISRO
RT INDIA
SPACE PROGRAMS

ISTHMOUSES

GS LAND
ISTHMOUSES
LANDFORMS
RT ISTHMOUSES
GEOLOGY
OCEANOGRAPHY
PENINSULAS
TOPOGRAPHY
WATER

ITALIAN SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
ITALIAN SPACE PROGRAM
RT EUROPEAN SPACE PROGRAMS
ITALY
ORBITING FROG OTOLITH
SIRIO SATELLITE

ITALY

GS NATIONS
ITALY
RT ADRIATIC SEA
ALPS MOUNTAINS (EUROPE)
EUROPE
ITALIAN SPACE PROGRAM
SAN MARINO
SICILY
SIRIO SATELLITE
VATICAN CITY

ITCHING

RT CONTACT DERMATITIS
DERMATITIS
HISTAMINES

NASA THESAURUS (VOLUME 1)

ITCHING-(CONT)

SENSITIVITY
SENSORY PERCEPTION

ITERATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
ITERATION
CONJUGATE GRADIENT METHOD
RT PROBABILITY THEORY
PROBLEM SOLVING

ITERATIVE NETWORKS

GS CIRCUITS
ITERATIVE NETWORKS
RT IMPEDANCE MATCHING

ITERATIVE SOLUTION

GS PROBLEM SOLVING
ITERATIVE SOLUTION
RT ASYMPTOTIC METHODS
CHOLESKY FACTORIZATION
CONJUGATE GRADIENT METHOD
FINITE ELEMENT METHOD
STRANGE ATTRACTORS

ITOS SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
RT TIROS M
ITOS 1
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 1
ITOS SATELLITES
ITOS 1
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
SYSTEM

ITOS 2

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 2
ITOS SATELLITES
ITOS 2
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
SYSTEM

ITOS 3

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 3
ITOS SATELLITES
ITOS 3
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
SYSTEM

ITOS 4

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 4
ITOS SATELLITES
ITOS 4
RT TIROS M
TIROS N SERIES SATELLITES

NASA THESAURUS (VOLUME 1)

J-75 ENGINE

ITOS 4-(CONT)

TIROS OPERATIONAL SATELLITE
SYSTEM

IUE

UF INTERNATIONAL ULTRAVIOLET
EXPLORER
SAS-D
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
IUE
RT EXPLORER SATELLITES
EXTREME ULTRAVIOLET EXPLORER
SATELLITE
RADIO ASTRONOMY
SPACEBORNE ASTRONOMY
ULTRAVIOLET RADIATION

IUS

USE INERTIAL UPPER STAGE

IVORY COAST

GS NATIONS-
IVORY COAST
RT AFRICA

IVUNA METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
CARBONACEOUS METEORITES
IVUNA METEORITE

IZSAK ELLIPSOID

USE ELLIPSOIDS
GEODESY

I2S CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
I2S CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
I2S CAMERAS
RT AIRCRAFT INSTRUMENTS
MULTISPECTRAL PHOTOGRAPHY
SPACECRAFT INSTRUMENTS

J

J INTEGRAL

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
J INTEGRAL
REAL VARIABLES
MEASURE AND INTEGRATION
J INTEGRAL
RT CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
CREEP RUPTURE STRENGTH
ELASTOPLASTICITY
FRACTURE MECHANICS
FRACTURE STRENGTH
INTEGRAL CALCULUS
MECHANICAL PROPERTIES
PLASTIC DEFORMATION
STRUCTURAL ANALYSIS
TOUGHNESS
YIELD STRENGTH

J-2 ENGINE

GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDROGEN OXYGEN ENGINES
J-2 ENGINE
RT NOVA LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES

J-33 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES

J-33 ENGINE-(CONT)

J-33 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-33 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-33 ENGINE
TURBOMACHINERY
J-33 ENGINE
RT MACE MISSILES

J-34 ENGINE

UF XJ-34-WE-32 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-34 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-34 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-34 ENGINE

J-47 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-47 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-47 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-47 ENGINE

J-52 ENGINE

GS AIRCRAFT ENGINES
J-52 ENGINE
ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-52 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-52 ENGINE

J-57 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57 ENGINE
RT AFTERBURNING

J-57-P-20 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57-P-20 ENGINE
INTERNAL COMBUSTION ENGINES

J-57-P-20 ENGINE-(CONT)

GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57-P-20 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-57-P-20 ENGINE
RT AFTERBURNING

J-58 ENGINE

GS AIRCRAFT ENGINES
J-58 ENGINE

J-65 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-65 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-65 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-65 ENGINE
RT A-4 AIRCRAFT

J-69-T-25 ENGINE

UF MARBORE 2 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-69-T-25 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-69-T-25 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-69-T-25 ENGINE

J-71 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-71 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-71 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-71 ENGINE

J-73 ENGINE

UF YJ-73-GE-3 ENGINE
YJ73 TURBOJET ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-73 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-73 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-73 ENGINE

J-75 ENGINE

GS ENGINES
AIR BREATHING ENGINES

J-79 ENGINE

J-75 ENGINE-(CONT)

GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-75 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-75 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-75 ENGINE

J-79 ENGINE

UF XJ-79-GE 1 ENGINE
YJ-79 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-79 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-79 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-79 ENGINE
RT F-4 AIRCRAFT

J-85 ENGINE

UF YJ-85 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-85 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-85 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-85 ENGINE
RT BLUE GOOSE MISSILE
OSPREY MISSILE

J-93 ENGINE

UF J93-MJ252H ENGINE
J93 MJ280G ENGINE
YJ-93 ENGINE
YJ-93-GE-3 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-93 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-93 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
J-93 ENGINE

J-97 ENGINE

GS AIRCRAFT ENGINES
J-97 ENGINE
ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
J-97 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES

J-97 ENGINE-(CONT)

J-97 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
J-97 ENGINE

JABIRU ROCKET VEHICLE

USE JAGUAR ROCKET VEHICLE

JACKETS

SN (EXCLUDES CLOTHING)
RT ABSORBERS (MATERIALS)
∞ CASING
COOLING
COVERINGS
HEATING
INSULATION
LININGS
SHEATHS

JACKING EQUIPMENT

USE JACKS (LIFTS)

∞ JACKS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ELECTRIC CONNECTORS
ELEVATORS (LIFTS)
JACKS (LIFTS)

JACKS (ELECTRICAL)

USE ELECTRIC CONNECTORS

JACKS (LIFTS)

UF JACKING EQUIPMENT
RT ∞ JACKS
∞ LIFTS
POSITIONING DEVICES (MACHINERY)
TUNNELING (EXCAVATION)

JACOBI INTEGRAL

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
JACOBI INTEGRAL
RT CONFORMAL MAPPING
DIFFUSION THEORY
ELLIPTIC FUNCTIONS
GREEN'S FUNCTIONS
POTENTIAL THEORY
WEIERSTRASS FUNCTIONS

JACOBI MATRIX METHOD

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
JACOBI MATRIX METHOD
RT CALCULUS OF VARIATIONS
EIGENVALUES
EIGENVECTORS
HERMITIAN POLYNOMIAL
∞ METHODOLOGY

JACOBI POLYNOMIALS

USE HYPERGEOMETRIC FUNCTIONS

JAGUAR AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
JAGUAR AIRCRAFT
SUPERSONIC AIRCRAFT
JAGUAR AIRCRAFT
TRAINING AIRCRAFT
JAGUAR AIRCRAFT
RT ∞ AIRCRAFT
BREGUET AIRCRAFT
∞ MILITARY AIRCRAFT

JAGUAR ROCKET VEHICLE

UF JABIRU ROCKET VEHICLE
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
JAGUAR ROCKET VEHICLE
SOUNDING ROCKETS
JAGUAR ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

JAHN-TELLER EFFECT

RT ∞ EFFECTS
ELECTRON PARAMAGNETIC RESONANCE
ELECTRON TRANSITIONS
ORBITALS

NASA THESAURUS (VOLUME 1)

JAMAICA

GS LANDFORMS
ISLANDS
WEST INDIES
JAMAICA
NATIONS
JAMAICA
RT CARIBBEAN REGION

JAMMERS

RT AIR DEFENSE
JAMMING
RADAR EQUIPMENT
RADIO EQUIPMENT

JAMMING

GS COUNTERMEASURES
JAMMING
ELECTROMAGNETIC INTERFERENCE
JAMMING
RT CLUTTER
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
FREQUENCY HOPPING
∞ INTERFERENCE
JAMMERS
RADIO FREQUENCY INTERFERENCE
WHITE NOISE

JANUS

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
JANUS
RT SATURN (PLANET)

JANUS REACTOR

GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
JANUS REACTOR

JANUS SPACECRAFT

GS GLIDERS
JANUS SPACECRAFT
HYPERSONIC VEHICLES
LIFTING REENTRY VEHICLES
JANUS SPACECRAFT
LIFTING BODIES
LIFTING REENTRY VEHICLES
JANUS SPACECRAFT
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
JANUS SPACECRAFT
MANNED SPACECRAFT
JANUS SPACECRAFT
REENTRY VEHICLES
LIFTING REENTRY VEHICLES
JANUS SPACECRAFT
SOFT LANDING SPACECRAFT
JANUS SPACECRAFT

JAPAN

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
JAPAN
NATIONS
JAPAN
RT ASIA
JAPANESE SPACECRAFT

JAPANESE SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
JAPANESE SPACE PROGRAM
RT METEOROLOGICAL SATELLITES
∞ RESEARCH PROJECTS
SATELLITE DESIGN
SPACE MISSIONS
SPACE TRANSPORTATION
∞ SPACECRAFT
SPACECRAFT DESIGN

JAPANESE SPACECRAFT

UF MOS (JAPANESE SPACECRAFT)
RT JAPAN
∞ SPACECRAFT

JARRING

USE MECHANICAL SHOCK

JATO ENGINES

UF JET ASSISTED TAKEOFF

NASA THESAURUS (VOLUME 1)

JET BLAST EFFECTS

JATO ENGINES-(CONT)

GS ENGINES
JATO ENGINES
 LAUNCHERS
 AIRCRAFT LAUNCHING DEVICES
JATO ENGINES
 RT SHORT TAKEOFF AIRCRAFT
 SOLID PROPELLANT ROCKET ENGINES
 TAKEOFF

JAVELIN AIRCRAFT

USE GA 5 AIRCRAFT

JAVELIN ROCKET VEHICLE

GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
JAVELIN ROCKET VEHICLE
 RT ARGO ROCKET VEHICLES
 ROCKET PROPELLED SLEDS
 SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

JC-130 AIRCRAFT

USE C-130 AIRCRAFT

JEANS THEORY

RT ∞THEORIES

JEEPS

USE AUTOMOBILES

JERBOAS

GS ANIMALS
 VERTEBRATES
 MAMMALS
 RODENTS
 MICE
JERBOAS

JET AIRCRAFT

UF JET FLIGHT
 TURBOJET AIRCRAFT
 GS **JET AIRCRAFT**
 A-2 AIRCRAFT
 A-3 AIRCRAFT
 A-4 AIRCRAFT
 A-5 AIRCRAFT
 A-6 AIRCRAFT
 ALPHA JET AIRCRAFT
 AN-2 AIRCRAFT
 AVRO 707 AIRCRAFT
 B-47 AIRCRAFT
 B-50 AIRCRAFT
 B-52 AIRCRAFT
 B-57 AIRCRAFT
 B-58 AIRCRAFT
 B-66 AIRCRAFT
 B-70 AIRCRAFT
 BOEING 747 AIRCRAFT
 BOEING 2707 AIRCRAFT
 BUCCANEER AIRCRAFT
 C-5 AIRCRAFT
 C-8A AUGMENTOR WING AIRCRAFT
 C-9 AIRCRAFT
 C-119 AIRCRAFT
 C-135 AIRCRAFT
 C-140 AIRCRAFT
 CANBERRA AIRCRAFT
 CL-41 AIRCRAFT
 CL-823 AIRCRAFT
 COMET 4 AIRCRAFT
 CV-880 AIRCRAFT
 D-558 AIRCRAFT
 DC 9 AIRCRAFT
 DC 10 AIRCRAFT
 DH 112 AIRCRAFT
 DH 115 AIRCRAFT
 DH 125 AIRCRAFT
 DHC 2 AIRCRAFT
 EUROPEAN AIRBUS
 A-300 AIRCRAFT
 A-310 AIRCRAFT
 A-320 AIRCRAFT
 F-2 AIRCRAFT
 F-5 AIRCRAFT
 F-8 AIRCRAFT
 F-9 AIRCRAFT
 F-14 AIRCRAFT
 F-15 AIRCRAFT
 F-16 AIRCRAFT
 F-17 AIRCRAFT
 F-18 AIRCRAFT
 F-84 AIRCRAFT
 F-86 AIRCRAFT
 F-89 AIRCRAFT

JET AIRCRAFT-(CONT)

F-94 AIRCRAFT
 F-100 AIRCRAFT
 F-101 AIRCRAFT
 F-102 AIRCRAFT
 F-104 AIRCRAFT
 F-105 AIRCRAFT
 F-106 AIRCRAFT
 FD 2 AIRCRAFT
 G-91 AIRCRAFT
 G-95/4 AIRCRAFT
 GA-5 AIRCRAFT
 H-17 HELICOPTER
 H-126 AIRCRAFT
 HFB-320 AIRCRAFT
 HP-115 AIRCRAFT
 HS-801 AIRCRAFT
 JET PROVOST AIRCRAFT
 JETSTREAM AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 L-29 JET TRAINER
 L-1011 AIRCRAFT
 L-2000 AIRCRAFT
 LEAR JET AIRCRAFT
 MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 NORD 1500 AIRCRAFT
 P 3 AIRCRAFT
 P-308 AIRCRAFT
 P-1052 AIRCRAFT
 PD-808 AIRCRAFT
 PHANTOM AIRCRAFT
 F-4 AIRCRAFT
 SC-1 AIRCRAFT
 SCIMITAR AIRCRAFT
 T-2 AIRCRAFT
 T-33 AIRCRAFT
 T-37 AIRCRAFT
 T-38 AIRCRAFT
 T-39 AIRCRAFT
 TS-11 AIRCRAFT
 TSR-2 AIRCRAFT
 TU-104 AIRCRAFT
 TU-124 AIRCRAFT
 TURBOFAN AIRCRAFT
 A-7 AIRCRAFT
 BAC 111 AIRCRAFT
 BOEING 707 AIRCRAFT
 BOEING 720 AIRCRAFT
 BOEING 727 AIRCRAFT
 BOEING 733 AIRCRAFT
 BOEING 737 AIRCRAFT
 BOEING 757 AIRCRAFT
 BOEING 767 AIRCRAFT
 C-141 AIRCRAFT
 CONCORDE AIRCRAFT
 CV-990 AIRCRAFT
 DC 8 AIRCRAFT
 DH 121 AIRCRAFT
 DO-31 AIRCRAFT
 F-28 TRANSPORT AIRCRAFT
 F-111 AIRCRAFT
 IL-62 AIRCRAFT
 MYSTERE 20 AIRCRAFT
 P-1127 AIRCRAFT
 P-1154 AIRCRAFT
 SAAB 37 AIRCRAFT
 SAAB 105 AIRCRAFT
 SE-210 AIRCRAFT
 TU-134 AIRCRAFT
 TU-144 AIRCRAFT
 TURBOPROP AIRCRAFT
 AN-22 AIRCRAFT
 AN-24 AIRCRAFT
 ARGOSY MK-1 AIRCRAFT
 BREGUET 941 AIRCRAFT
 BREGUET 1150 AIRCRAFT
 C-2 AIRCRAFT
 C-133 AIRCRAFT
 C-160 AIRCRAFT
 CL-44 AIRCRAFT
 CL-84 AIRCRAFT
 DHC 5 AIRCRAFT
 ELECTRA AIRCRAFT
 F-27 AIRCRAFT
 G-222 AIRCRAFT
 HS-748 AIRCRAFT
 MH-262 AIRCRAFT
 OV-1 AIRCRAFT
 OV-10 AIRCRAFT
 SC-5 AIRCRAFT
 VISCOUNT AIRCRAFT
 YS-11 AIRCRAFT
 U-2 AIRCRAFT
 VALIANT AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT

JET AIRCRAFT-(CONT)

VC-10 AIRCRAFT
 VICTOR MK-1 AIRCRAFT
 VJ-101 AIRCRAFT
 VULCAN AIRCRAFT
 X-3 AIRCRAFT
 X-5 AIRCRAFT
 X-13 AIRCRAFT
 X-14 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 XC-142 AIRCRAFT
 XV-4 AIRCRAFT
 XV-5 AIRCRAFT
 XV-9A AIRCRAFT
 YAK 40 AIRCRAFT
 RT ∞AIRCRAFT
 AIRCRAFT NOISE
 ATTACK AIRCRAFT
 B-1 AIRCRAFT
 BOMBER AIRCRAFT
 CARGO AIRCRAFT
 COMMERCIAL AIRCRAFT
 FIGHTER AIRCRAFT
 FLYING PLATFORMS
 GENERAL AVIATION AIRCRAFT
 HYPERSONIC AIRCRAFT
 ∞JETS
 ∞LOW WING AIRCRAFT
 ∞MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 PASSENGER AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 ∞SUBSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 TAILLESS AIRCRAFT
 TANDEM WING AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 TU-154 AIRCRAFT
 TURBOJET ENGINES
 V/STOL AIRCRAFT
 ∞WINGED VEHICLES
 YF-12 AIRCRAFT

JET AIRCRAFT NOISE

UF JET NOISE
 GS ELASTIC WAVES
 SOUND WAVES
 NOISE (SOUND)
 AIRCRAFT NOISE
JET AIRCRAFT NOISE
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC NOISE
 ∞AIRCRAFT
 AIRCRAFT RUNUP
 ENGINE NOISE
 MUFFLERS
 NOISE MEASUREMENT
 NOISE REDUCTION
 QUIET ENGINE PROGRAM
 SONIC BOOMS

JET AIRSTREAMS

USE JET STREAMS (METEOROLOGY)

JET AMPLIFIERS

UF FLUID JET AMPLIFIERS
 GS AMPLIFIERS
 FLUID AMPLIFIERS
JET AMPLIFIERS
 RT COANDA EFFECT
 FLUID JETS
 ∞JET NOZZLES
 NOZZLE WALLS

JET ASSISTED TAKEOFF

USE JATO ENGINES

JET AUGMENTED WING FLAPS

USE JET FLAPS
 WING FLAPS

JET BLAST EFFECTS

RT ∞BLASTS
 ∞EFFECTS
 EXHAUST GASES
 GROUND EFFECT (AERODYNAMICS)
 NOISE (SOUND)
 PRESSURE EFFECTS
 TEMPERATURE EFFECTS

JET BOUNDARIES

JET BOUNDARIES

GS BOUNDARIES
FLUID BOUNDARIES
JET BOUNDARIES
INTERFACES
FLUID BOUNDARIES
JET BOUNDARIES
RT FREE JETS
LIQUID SURFACES
WALL JETS

JET CONDENSERS

GS CONDENSERS (LIQUEFIERS)
JET CONDENSERS
RT ∞ CONDENSERS
LIQUEFACTION
NUCLEATION
SPRAY CONDENSERS
WORKING FLUIDS

JET CONTROL

RT AUTOMATIC CONTROL
BOUNDARY LAYER CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
THRUST CONTROL
VARIABLE THRUST

JET DAMPING

USE DAMPING
SPIN REDUCTION

JET DRAGON AIRCRAFT

USE DH 125 AIRCRAFT

JET DRIVE

USE JET PROPULSION

JET ENGINE FUELS

UF JET FUELS
GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
LIQUID FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
RT AIRCRAFT FUELS
ANTIMISTING FUELS
GASOLINE
KEROSENE
TURBINES

JET ENGINES

SN (EXCLUDES HYDROJET ENGINES)
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE

JET ENGINES-(CONT)

TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF 700 ENGINE
J-97 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
TURBORAMJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T 53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J 75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES

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JET ENGINES-(CONT)

BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
RT AFTERBURNING
AIRCRAFT ENGINES
COMBUSTION CHAMBERS
EJECTORS
ENGINE STARTERS
EXHAUST NOZZLES
FLAMEOUT
FLYING EJECTION SEATS
FUEL INJECTION
FUEL PUMPS
HELICOPTER ENGINES
HYBRID PROPELLANT ROCKET ENGINES
HYBRID PROPULSION
INFRARED SUPPRESSION
∞ JET NOZZLES
QUIET ENGINE PROGRAM
REACTION PRODUCTS
ROCKET ENGINES
THRUST
JET EXHAUST
UF HOT JET EXHAUST
RT BASE HEATING
EXHAUST EMISSION
EXHAUST GASES
INFRARED SUPPRESSION
ROCKET EXHAUST
JET FLAMES
USE FLAMES
JET FLOW
JET FLAPS
UF JET AUGMENTED WING FLAPS
GS AIRFOILS
FLAPS (CONTROL SURFACES)
JET FLAPS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
JET FLAPS
RT EXTERNALLY BLOWN FLAPS
H-126 AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SPLIT FLAPS
TRAILING EDGE FLAPS
VORTEX FLAPS
WING FLAPS
JET FLIGHT
USE JET AIRCRAFT
JET FLOW
UF HOT JETS
JET FLAMES
LAMINAR JETS
REACTION JETS
GS FLUID FLOW
JET FLOW
AIR JETS
PERIPHERAL JET FLOW
SUPERSONIC JET FLOW
RT FLUID JETS
FREE BOUNDARIES
FREE JETS
GAS STREAMS
HYDRAULIC JETS
INJECTORS
JET MEMBRANE PROCESS
∞ JETS
NOZZLE FLOW
PARTICLE LADEN JETS
SPANWISE BLOWING
TWO DIMENSIONAL JETS
VAPOR JETS
WALL JETS
JET FUELS
USE JET ENGINE FUELS

NASA THESAURUS (VOLUME 1)

JODRELL BANK OBSERVATORY

JET IMPINGEMENT
 GS IMPINGEMENT
 RT JET IMPINGEMENT
 ABLATION
 BASE HEATING

JET LAG
 GS BIOLOGICAL EFFECTS
 JET LAG
 DISORIENTATION
 JET LAG
 PSYCHOLOGICAL EFFECTS
 JET LAG
 RT DESYNCHRONIZATION (BIOLOGY)
 DISORDERS
 FLIGHT STRESS (BIOLOGY)
 RHYTHM (BIOLOGY)
 SUPERSONIC FLIGHT

JET LIFT
 GS AERODYNAMIC CHARACTERISTICS
 LIFT
 JET LIFT
 AERODYNAMIC FORCES
 LIFT
 JET LIFT
 DYNAMIC CHARACTERISTICS
 LIFT
 JET LIFT
 RT DISTRIBUTION (PROPERTY)

JET MEMBRANE PROCESS
 GS ENRICHMENT
 ISOTOPIC ENRICHMENT
 JET MEMBRANE PROCESS
 RT GAS DYNAMICS
 ISOTOPE SEPARATION
 ISOTOPES
 JET FLOW
 MEMBRANES
 ∞ PROCESSES
 URANIUM

JET MIXING FLOW
 GS FLUID FLOW
 JET MIXING FLOW
 RT FLUID JETS
 FREE BOUNDARIES
 FUEL INJECTION
 INJECTORS
 ∞ JETS
 MIXING
 PREMIXING
 TWO DIMENSIONAL JETS

JET NOISE
 USE JET AIRCRAFT NOISE

∞ JET NOZZLES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CARBURETORS
 CONICAL NOZZLES
 EXHAUST DIFFUSERS
 EXHAUST NOZZLES
 FUEL INJECTION
 INJECTORS
 JET AMPLIFIERS
 JET ENGINES
 SKIRTS

JET PILOTS
 USE AIRCRAFT PILOTS

JET PROPULSION
 UF JET DRIVE
 PROPULSION
 GS JET PROPULSION
 RT AIRCRAFT ENGINES
 CHEMICAL PROPULSION
 HELICOPTER PROPELLER DRIVE
 MARINE PROPULSION
 ROCKET ENGINES
 SQUID PROJECT
 TURBINES

JET PROVOST AIRCRAFT
 UF HUNTING P-84 AIRCRAFT
 P-84 AIRCRAFT
 GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
 JET PROVOST AIRCRAFT
 BAC AIRCRAFT

JET PROVOST AIRCRAFT-(CONT)
 JET PROVOST AIRCRAFT
 JET AIRCRAFT
 JET PROVOST AIRCRAFT
 MONOPLANES
 JET PROVOST AIRCRAFT
 TRAINING AIRCRAFT
 JET PROVOST AIRCRAFT
 RT ∞ AIRCRAFT

JET PUMPS
 SN (EXCLUDES DEVICES USING A LIQUID OR GAS TO INDUCE MOVEMENT OF A GAS SUCH AS AIR EJECTORS)
 GS PUMPS
 JET PUMPS
 RT EJECTORS
 FUEL PUMPS
 ∞ JETS
 ∞ PUMPING
 TURBINE PUMPS
 VACUUM PUMPS

JET STAR AIRCRAFT
 USE C-140 AIRCRAFT

JET STREAMS (METEOROLOGY)
 UF JET AIRSTREAMS
 GS FLUID FLOW
 GAS FLOW
 AIR FLOW
 AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 WIND (METEOROLOGY)
 WINDS ALOFT
 JET STREAMS (METEOROLOGY)
 RT AIR JETS
 ATMOSPHERIC CIRCULATION
 CIRCUMPOLAR WESTERLIES
 CLEAR AIR TURBULENCE
 COANDA EFFECT
 FLUID JETS
 FREE BOUNDARIES
 TURBULENT JETS

JET THRUST
 UF REACTION JETS
 GS THRUST
 JET THRUST
 RT COLD GAS
 HIGH THRUST
 LOW THRUST
 MICROTHRUST
 ROCKET THRUST
 STATIC THRUST
 THRUST LOADS
 VARIABLE THRUST

JET VANES
 GS CONTROL SURFACES
 GUIDE VANES
 JET VANES
 VANES
 GUIDE VANES
 JET VANES
 RT AIRFOILS
 THRUST VECTOR CONTROL
 WALL JETS

JETAVATORS
 USE GUIDE VANES

∞ JETS
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIR JETS
 FLUID JETS
 FREE JETS
 GAS JETS
 INJECTORS
 JET AIRCRAFT
 JET FLOW
 JET MIXING FLOW
 JET PUMPS
 PLASMA JETS
 SPRAYERS
 TURBULENT JETS
 TWO DIMENSIONAL JETS
 WALL JETS

JETSTREAM AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 JETSTREAM AIRCRAFT
 GRUMMAN AIRCRAFT

JETSTREAM AIRCRAFT-(CONT)
 JETSTREAM AIRCRAFT
 JET AIRCRAFT
 JETSTREAM AIRCRAFT
 PASSENGER AIRCRAFT
 JETSTREAM AIRCRAFT
 RT ∞ AIRCRAFT

JETTIES
 USE BREAKWATERS

JETTISON SYSTEMS
 RT BAILOUT
 EJECTION
 EJECTION SEATS
 ESCAPE (ABANDONMENT)
 ESCAPE SYSTEMS
 JETTISONING
 ∞ SYSTEMS
 WING TANKS

JETTISONING
 RT BAILOUT
 DISPOSAL
 DUMPING
 EJECTION
 EMPTYING
 ESCAPE (ABANDONMENT)
 EXPULSION
 JETTISON SYSTEMS
 SPILLING

JF 101 AIRCRAFT
 USE F-101 AIRCRAFT

JFET
 UF JUNCTION FIELD EFFECT TRANSISTORS
 GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 TRANSISTORS
 FIELD EFFECT TRANSISTORS
 JFET
 JUNCTION TRANSISTORS
 JFET
 RT BARRIER LAYERS
 ∞ JUNCTIONS

JIGS
 GS POSITIONING DEVICES (MACHINERY)
 JIGS
 RT CLAMPS
 FIXTURES
 HOLDERS
 MECHANICAL DEVICES
 TOOLS

JIMSPHERE BALLOONS
 GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 BALLOONS
 HIGH ALTITUDE BALLOONS
 JIMSPHERE BALLOONS
 METEOROLOGICAL BALLOONS
 JIMSPHERE BALLOONS
 RT WIND (METEOROLOGY)

JINDIVIK TARGET AIRCRAFT
 GS DRONE VEHICLES
 DRONE AIRCRAFT
 TARGET DRONE AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 JET AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 MONOPLANES
 JINDIVIK TARGET AIRCRAFT
 PILOTLESS AIRCRAFT
 DRONE AIRCRAFT
 TARGET DRONE AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 TARGETS
 JINDIVIK TARGET AIRCRAFT
 RT ∞ AIRCRAFT
 REMOTELY PILOTED VEHICLES

JITTER
 USE VIBRATION

JOBS
 USE TASKS

JODRELL BANK OBSERVATORY
 GS OBSERVATORIES
 JODRELL BANK OBSERVATORY

JOHNSTON ISLAND

JODRELL BANK OBSERVATORY-(CONT)

RT ASTRONOMICAL OBSERVATORIES
GROUND STATIONS
RADIO TELESCOPES
TRACKING STATIONS

JOHNSTON ISLAND

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
JOHNSTON ISLAND

∞ JOINING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

UF INTERCONNECTION
LINKING

RT ADHESION
ADHESIVE BONDING
ASSEMBLING
BEAM LEADS
BINDING
BONDING
BRAZING
COLD WORKING
COUPLINGS
CROSSLINKING
FITTING
FUSION (MELTING)
INERTIA BONDING
JOINTS (JUNCTIONS)
LOCKING
MOORING
MOUNTING
POSITIONING
RETAINING
RIVETING
SEALING
SEWING
SOLDERING
SPLICING
ULTRASONIC SOLDERING
WELDING
YOKES

JOINT EUROPEAN TORUS

GS NUCLEAR REACTORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
PLASMA GENERATORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
RT CONTROLLED FUSION
REACTOR TECHNOLOGY

JOINTS (ANATOMY)

GS ANATOMY
MUSCULOSKELETAL SYSTEM
JOINTS (ANATOMY)
ELBOW (ANATOMY)
KNEE (ANATOMY)
WRIST
RT ARTHRITIS
BONES
CONNECTIVE TISSUE
FLEXORS
LIGAMENTS
SHOULDERS

JOINTS (JUNCTIONS)

UF CONNECTIONS
SHANKS
GS JOINTS (JUNCTIONS)
BEAM LEADS
BUTT JOINTS
LAP JOINTS
METAL JOINTS
SOLDERED JOINTS
WELDED JOINTS
SPOT WELDS
RIVETED JOINTS
SEAMS (JOINTS)
RT ADAPTERS
ADHESIVES
BALLS
BARRIER LAYERS
BELLOWES
BONDING
CLOSURES
CONNECTORS
CORNERS
COUPLINGS
FASTENERS
FILLETS

JOINTS (JUNCTIONS)-(CONT)

FITTINGS
∞ JOINING
∞ JUNCTIONS
LINKAGES
METAL BONDING
SLEEVES
STRUCTURAL MEMBERS
SWIVELS
UNIONS (CONNECTORS)

JORDAN

GS NATIONS
JORDAN

JORDAN FORM

GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
JORDAN FORM
RT EIGENVALUES
LINEAR TRANSFORMATIONS
TENSORS

JOSEPHSON JUNCTIONS

RT SQUID (DETECTORS)
SUPERCONDUCTIVITY

JOUKOWSKI TRANSFORMATION

RT AIRFOIL PROFILES
COMPLEX VARIABLES
COORDINATE TRANSFORMATIONS
KUTTA-JOUKOWSKI CONDITION
THEODORSEN TRANSFORMATION

JOULE HEATING

USE OHMIC DISSIPATION
RESISTANCE HEATING

JOULE-THOMSON EFFECT

RT CRYOGENICS
∞ EFFECTS
ENTHALPY
GAS EXPANSION
GAS FLOW
KINETIC THEORY
OHMIC DISSIPATION
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
THROTTLING

JOURNAL BEARINGS

GS BEARINGS
JOURNAL BEARINGS
RT ANTIFRICTION BEARINGS

∞ JOURNALS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT NEWS MEDIA
PERIODICALS
SHAFTS (MACHINE ELEMENTS)

JOURNALS (DOCUMENTS)

USE PERIODICALS

JOURNALS (SHAFTS)

USE SHAFTS (MACHINE ELEMENTS)

JP-4 JET FUEL

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
JP-4 JET FUEL
LIQUID FUELS
JET ENGINE FUELS
JP-4 JET FUEL
RT JP-6 JET FUEL
JP-8 JET FUEL
RP-1 ROCKET PROPELLANTS

JP-5 JET FUEL

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
JP-5 JET FUEL
LIQUID FUELS
JET ENGINE FUELS
JP-5 JET FUEL

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JP-6 JET FUEL

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
JP-6 JET FUEL
LIQUID FUELS
JET ENGINE FUELS
JP-6 JET FUEL
RT JP-4 JET FUEL
JP-8 JET FUEL

JP-8 JET FUEL

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
JET ENGINE FUELS
JP-8 JET FUEL
LIQUID FUELS
JET ENGINE FUELS
JP-8 JET FUEL
RT JP-4 JET FUEL
JP-6 JET FUEL
KEROSENE

JUDGMENTS

RT DECISION MAKING
DECISIONS
LEGAL LIABILITY
PENALTIES

JUDI-DART ROCKET

GS MEASURING INSTRUMENTS
SONDES
JUDI-DART ROCKET
ROCKET VEHICLES
SOUNDING ROCKETS
JUDI-DART ROCKET
RT ROCKET SOUNDING

JUICES

GS LIQUIDS
JUICES
RT CREATINE

JUMPERS

GS CONDUCTORS
ELECTROLYTES
JUMPERS
RT CONNECTORS
SHORT CIRCUITS
∞ TERMINALS
WIRE

JUNCTION DIODES

GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
JUNCTION DIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
JUNCTION DIODES
MIM DIODES
STEP RECOVERY DIODES
RT BARRIER LAYERS
BARRITT DIODES
GERMANIUM DIODES
HETEROJUNCTION DEVICES
HETEROJUNCTIONS
TUNNEL DIODES
VARACTOR DIODES

JUNCTION FIELD EFFECT TRANSISTORS

USE JFET

JUNCTION TRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
JUNCTION TRANSISTORS
JFET
RT BARRIER LAYERS
EPITAXY
ION IMPLANTATION
∞ JUNCTIONS
MBM JUNCTIONS
PHOTOTRANSISTORS
THYRISTORS

∞ JUNCTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

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KAMAN UH-2A HELICOPTER

JUNCTIONS-(CONT)

RT CONNECTORS
INTERSECTIONS
JFET
JOINTS (JUNCTIONS)
JUNCTION TRANSISTORS
P-N-P-N JUNCTIONS
SEMICONDUCTOR DEVICES
SEMICONDUCTOR JUNCTIONS

JUNGLES

USE TROPICAL REGIONS

JUNO LAUNCH VEHICLES

GS LAUNCH VEHICLES
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
∞ VEHICLES

JUNO 1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
JUNO 1 LAUNCH VEHICLE
RT EXPLORER SATELLITES
JUPITER C ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUNO 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
JUNO LAUNCH VEHICLES
JUNO 2 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
JUNO 2 LAUNCH VEHICLE
RT EXPLORER 11 SATELLITE
JUPITER MISSILE
LIQUID PROPELLANT ROCKET ENGINES
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUPITER (PLANET)

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
RT AMALTHEA
AMOR ASTEROID
APOLLO ASTEROIDS
CALLISTO
EUROPA
GALILEAN SATELLITES
GALILEO PROBE
GALILEO SPACECRAFT
GANYMEDE
IO
JUPITER ATMOSPHERE
JUPITER PROBES
JUPITER RED SPOT
JUPITER RINGS
JUPITER SATELLITES
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
VOYAGER 1977 MISSION

JUPITER ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
JUPITER ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
GALILEO PROJECT
GEOPHYSICAL FLUID FLOW CELLS
JUPITER (PLANET)
JUPITER RINGS

JUPITER C ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
JUPITER C ROCKET VEHICLE
RT EXPLORER SATELLITES

JUPITER C ROCKET VEHICLE-(CONT)

JUNO 1 LAUNCH VEHICLE
JUPITER MISSILE
LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUPITER MISSILE

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
JUPITER MISSILE
SURFACE TO SURFACE MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
JUPITER MISSILE
RT JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES

JUPITER PROBES

GS INTERPLANETARY SPACECRAFT
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
RT GALILEO PROJECT
JUPITER (PLANET)
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
VOYAGER 1977 MISSION

JUPITER PROJECT

GS PROGRAMS
NASA PROGRAMS
JUPITER PROJECT
NASA SPACE PROGRAMS
JUPITER PROJECT
PROJECTS
JUPITER PROJECT
RT LAUNCH VEHICLES

JUPITER RED SPOT

RT GAS GIANT PLANETS
JUPITER (PLANET)
PLANETARY SURFACES
PLANETS
SURFACE PROPERTIES
TOPOGRAPHY

JUPITER RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
JUPITER RINGS
RT JUPITER (PLANET)
JUPITER ATMOSPHERE
JUPITER SATELLITES
PLANETARY COMPOSITION
PLANETARY STRUCTURE
PLANETOLOGY
∞ RINGS
SATURN RINGS
SPACE EXPLORATION
URANUS RINGS
VOYAGER 1 SPACECRAFT

JUPITER SATELLITES

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
SATELLITES
NATURAL SATELLITES
JUPITER SATELLITES
AMALTHEA
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
RT JUPITER (PLANET)
JUPITER RINGS
SOLAR SYSTEM

J93-MJ252H ENGINE
USE J-93 ENGINE

J93-MJ280G ENGINE
USE J-93 ENGINE

K

K BAND

USE EXTREMELY HIGH FREQUENCIES

K LINES

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
K LINES
RT ABSORPTION SPECTRA
EMISSION SPECTRA
H LINES

K-MESONS

USE KAONS

KA BAND

USE EXTREMELY HIGH FREQUENCIES

KA-6 SAILPLANES

UF SCHLEICHER KA-6 SAILPLANE
GS GLIDERS
KA-6 SAILPLANES
RT ∞ AIRCRAFT
GLIDING
SAILWINGS
∞ WINGED VEHICLES

KAKUTANI THEOREM

GS THEOREMS
KAKUTANI THEOREM
RT LATTICES (MATHEMATICS)
STOCHASTIC PROCESSES
VECTOR SPACES

KALIHARI BASIN (AFRICA)

GS LANDFORMS
STRUCTURAL BASINS
KALIHARI BASIN (AFRICA)
RT AFRICA
DESERTS
REPUBLIC OF SOUTH AFRICA

KALMAN FILTERS

GS LINEAR FILTERS
KALMAN FILTERS
RT ELECTRIC FILTERS
∞ FILTERS
NAVIGATION AIDS
OPTIMIZATION
REDUCED ORDER FILTERS
STATE ESTIMATION

KALMAN-SCHMIDT FILTERING

RT ∞ APPLICATIONS OF MATHEMATICS
FEEDBACK CONTROL
INERTIAL PLATFORMS
NAVIGATION INSTRUMENTS
OPTIMAL CONTROL
OPTIMIZATION
REMOTE CONTROL
STOCHASTIC PROCESSES
TIME SERIES ANALYSIS

KAMACITE

GS ALLOYS
NICKEL ALLOYS
KAMACITE
MINERALS
KAMACITE
RT IRON ALLOYS
IRON METEORITES
METEORITIC COMPOSITION

KAMAN AIRCRAFT

GS KAMAN AIRCRAFT
H-43 HELICOPTER
HH-43 HELICOPTER
UH-2 HELICOPTER
RT ∞ AIRCRAFT

KAMAN UH-2A HELICOPTER

USE UH-2 HELICOPTER

KAMPUCHEA

KAMPUCHEA
USE CAMBODIA

KANSAS
GS NATIONS
UNITED STATES
KANSAS
RT MISSOURI RIVER (US)

KAOLINITE
GS ALUMINUM COMPOUNDS
ALUMINUM SILICATES
KAOLINITE
CLAYS
KAOLINITE
MINERALS
KAOLINITE
SILICON COMPOUNDS
ALUMINUM SILICATES
KAOLINITE
SILICATES
KAOLINITE
RT ALUMINUM OXIDES
ION EXCHANGING
SOILS

KAON PRODUCTION
GS PARTICLE PRODUCTION
KAON PRODUCTION
RT KAONS
PARTICLE ACCELERATORS

KAONS
UF K-MESONS
GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
KAONS
HADRONES
MESONS
KAONS
NUCLEAR PARTICLES
BOSONS
MESONS
KAONS
RT BARYONS
CHARGED PARTICLES
KAON PRODUCTION
KAONS
KAONS
PIONS
POMERANCHUK THEOREM

KAPITZA RESISTANCE
RT ∞ RESISTANCE

KAPOETA ACHONDRITE
GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
KAPOETA ACHONDRITE

KAPPA ROCKET VEHICLES
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
SOUNDING ROCKETS
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
 ∞ VEHICLES

KAPPA 8 ROCKET VEHICLE
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
SOUNDING ROCKETS
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA 9 ROCKET VEHICLE
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
KAPPA ROCKET VEHICLES
KAPPA 9 ROCKET VEHICLE
SOUNDING ROCKETS
KAPPA ROCKET VEHICLES

KAPPA 9 ROCKET VEHICLE-(CONT)
KAPPA 9 ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

KAPTON (TRADEMARK)
GS POLYMERIC FILMS
KAPTON (TRADEMARK)
RT ∞ FILMS
PLASTICS
 ∞ POLYMERS

KARHUNEN-LOEVE EXPANSION
GS DATA PROCESSING
KARHUNEN-LOEVE EXPANSION
EXPANSION
RT **KARHUNEN-LOEVE EXPANSION**
PRINCIPAL COMPONENTS ANALYSIS

KARL FISCHER REAGENT
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
KARL FISCHER REAGENT
RT DIOXIDES
METHYL ALCOHOLS
PYRIDINES
QUANTITATIVE ANALYSIS

KARMAN VORTEX STREET
GS VORTEX STREETS
KARMAN VORTEX STREET
RT AEOLIAN TONES
SUBSONIC FLOW
VON KARMAN EQUATION
VORTICITY EQUATIONS

KARMAN-BODEWADT FLOW
GS FLUID FLOW
AXISYMMETRIC FLOW
KARMAN-BODEWADT FLOW
VISCOUS FLOW
KARMAN-BODEWADT FLOW
TRANSLATIONAL MOTION
RT **KARMAN-BODEWADT FLOW**
ROTATING DISKS
ROTATING FLUIDS

KARST
GS LANDFORMS
STRUCTURAL BASINS
KARST
RT CAVES
CAVITIES
KETTLES (GEOLOGY)
 ∞ RIDGES
ROCKS

KAWASAKI AIRCRAFT
RT ∞ AIRCRAFT

KC-130 AIRCRAFT
USE C-130 AIRCRAFT

KC-135 AIRCRAFT
USE C-135 AIRCRAFT

KEELS
GS HYDROFOILS
KEELS
RT BOATS
HULLS (STRUCTURES)
LONGERONS
SHIPS
STABILIZERS (FLUID DYNAMICS)

KEL-F
GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
KEL-F
ORGANIC COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
KEL-F
RT COPOLYMERS
 ∞ POLYMERS

KELP
USE SEAWEEDES

KELVIN-HELMHOLTZ INSTABILITY
RT COLLISIONLESS PLASMAS
FLOW STABILITY
 ∞ HELMHOLTZ EQUATIONS

NASA THESAURUS (VOLUME 1)

KELVIN-HELMHOLTZ INSTABILITY-(CONT)
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
MASS FLOW
NONUNIFORM PLASMAS
PLASMAS (PHYSICS)
SUPERFLUIDITY

KENTUCKY
GS NATIONS
UNITED STATES
KENTUCKY
RT OHIO RIVER (US)
TENNESSEE VALLEY (AL-KY-TN)

KENYA
GS NATIONS
KENYA
RT AFRICA

KEPLER LAWS
GS CLASSICAL MECHANICS
SPACE MECHANICS
ORBITAL MECHANICS
KEPLER LAWS
LAWS
KEPLER LAWS

KERATINS
GS PROTEINS
KERATINS
RT HAIR
WOOL

KERATITIS
GS DISEASES
EYE DISEASES
KERATITIS
RT CONJUNCTIVA
CORNEA

KERNEL FUNCTIONS
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
KERNEL FUNCTIONS
FUNCTIONS (MATHEMATICS)
KERNEL FUNCTIONS
RT MELLIN TRANSFORMS

KEROGEN
GS HYDROCARBONS
KEROGEN
RT EARTH RESOURCES
FUEL OILS
FUELS
GASOLINE
GREASES
HYDROCARBON FUELS
KEROSENE
LUBRICANTS
OILS
SHALE OIL

KEROSENE
GS FUELS
CHEMICAL FUELS
LIQUID FUELS
KEROSENE
RT ANTIMISTING FUELS
DIESEL FUELS
FUEL OILS
GASOLINE
HYDROCARBON FUELS
JET ENGINE FUELS
JP-8 JET FUEL
KEROGEN
PARAFFINS
RP-1 ROCKET PROPELLANTS
SHALE OIL

KERR CELLS
RT CAMERA SHUTTERS
 ∞ CELLS
 ∞ ELECTRIC CELLS
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZERS

∞ **KERR EFFECTS**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ∞ EFFECTS
ELECTRO-OPTICAL EFFECT

KERR EFFECTS-(CONT)

KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS

KERR ELECTROOPTICAL EFFECT

RT ∞ EFFECTS
ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
∞ KERR EFFECTS
KERR MAGNETOOPTICAL EFFECT
LASERS
LIGHT MODULATION
OPTICAL PROPERTIES
POLARIZATION (WAVES)

KERR MAGNETOOPTICAL EFFECT

GS ELECTROMAGNETIC PROPERTIES
KERR MAGNETOOPTICAL EFFECT
RT ∞ EFFECTS
FARADAY EFFECT
∞ KERR EFFECTS
KERR ELECTROOPTICAL EFFECT
MAGNETO-OPTICS
OPTICAL PROPERTIES
POLARIZATION (WAVES)
POLARIZED LIGHT

KESTREL AIRCRAFT

USE P-1127 AIRCRAFT

KETENES

GS ALIPHATIC COMPOUNDS
KETENES
RT KETONES

KETONES

GS ALIPHATIC COMPOUNDS
KETONES
ACETONE
ACETYLACETONE
ANTHRAQUINONES
CAMPHOR
NEMBTAL (TRADEMARK)
PENTANONE
TRIMETHADIONE
RT KETENES

KETTLES (GEOLOGY)

GS GEOLOGY
KETTLES (GEOLOGY)
LANDFORMS
STRUCTURAL BASINS
KETTLES (GEOLOGY)
RT CAVES
CAVITIES
EARTH RESOURCES
GLACIAL DRIFT
KARST
LAKES
SINKHOLES

KEVLAR (TRADEMARK)

GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RT NONFLAMMABLE MATERIALS
SYNTHETIC FIBERS

KEYING

GS KEYING
FREQUENCY SHIFT KEYING
PHASE SHIFT KEYING
RT MORSE CODE
RADIO TELEGRAPHY
TELEPRINTERS
TELETYPEWRITERS

KEYS (ISLANDS)

UF CAYS
GS LANDFORMS
ISLANDS
KEYS (ISLANDS)
RT CORAL REEFS
EARTH RESOURCES

KEYS (ISLANDS)-(CONT)

ISLAND ARCS
OCEANS

KIDNEY DISEASES

GS DISEASES
KIDNEY DISEASES
NEPHRITIS
RT CHOLERA

KIDNEYS

GS ANATOMY
ORGANS
KIDNEYS
VISCERA
ORGANS
KIDNEYS
RT RENAL FUNCTION
URINE
UROLITHIASIS
UROLOGY

KILOMETER WAVE ORBITING TELESCOPE

GS TELESCOPES
ASTRONOMICAL TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE

KILOMETRIC WAVES

GS ELECTROMAGNETIC RADIATION
KILOMETRIC WAVES
RT ∞ WAVES

KIMBERLITE

USE BIOTITE
PERIDOTITE

KINEMATIC EQUATIONS

GS EQUATIONS OF MOTION
KINETIC EQUATIONS
KINEMATIC EQUATIONS
RT ∞ EQUATIONS

KINEMATICS

GS KINEMATICS
BODY KINEMATICS
RT ACCELERATION (PHYSICS)
∞ DYNAMICS
EQUATIONS OF MOTION
HODOGRAPHS
KINETICS
∞ MECHANICS (PHYSICS)
MICROWAVE REFLECTOMETERS
∞ MOTION
NUTATION
VELOCITY

KINESCOPES

USE PICTURE TUBES

KINESTHESIA

GS PERCEPTION
SENSORY PERCEPTION
KINESTHESIA
RT PROPRIOCEPTION

KINESTHESIS

USE PROPRIOCEPTION

KINETIC ENERGY

UF MOMENTUM ENERGY
GS KINETICS
KINETIC ENERGY
RT CHEMICAL ENERGY
ELECTRON ENERGY
∞ ENERGY
EQUIPARTITION THEOREM
FROUDE NUMBER
HYDRODYNAMIC RAM EFFECT
INTERNAL ENERGY
LAGRANGE SIMILARITY HYPOTHESIS
PARTICLE ENERGY
POTENTIAL ENERGY
PROTON ENERGY
THERMAL ENERGY
VIRIAL THEOREM
WORK
ZERO POINT ENERGY

KINETIC EQUATIONS

GS EQUATIONS OF MOTION

KINETIC EQUATIONS-(CONT)

KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
KINEMATIC EQUATIONS
RT BBKY HIERARCHY
BETHE-SALPETER EQUATION
EINSTEIN EQUATIONS
∞ EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
VIRIAL THEOREM

KINETIC FRICTION

GS FRICTION
KINETIC FRICTION
SLIDING FRICTION
RT COEFFICIENT OF FRICTION
DRY FRICTION
FRICTION MEASUREMENT
STATIC FRICTION

KINETIC HEATING

GS HEATING
KINETIC HEATING
SHOCK HEATING
RT GAS HEATING
MAGNETIC PUMPING
PLASMA HEATING

KINETIC THEORY

GS KINETIC THEORY
CHAPMAN-ENSKOG THEORY
TRANSPORT THEORY
EYRING THEORY
MIXING LENGTH FLOW THEORY
RT BINARY FLUIDS
BOLTZMANN DISTRIBUTION
BOLTZMANN TRANSPORT EQUATION
DIFFUSION
DIFFUSION THEORY
DIFFUSION WAVES
DYNAMIC PRESSURE
EQUATIONS OF STATE
FREE MOLECULAR FLOW
GAS TRANSPORT
GASEOUS SELF-DIFFUSION
IDEAL GAS
JOULE-THOMSON EFFECT
KNUDSEN FLOW
KROOK EQUATION
LORENTZ GAS
MASS FLOW
MAXWELL-BOLTZMANN DENSITY
FUNCTION
MOBILITY
MOMENTUM TRANSFER
MORSE POTENTIAL
REAL GASES
∞ THEORIES
TRANSPORT PROPERTIES

KINETICS

GS KINETICS
ELECTROKINETICS
KINETIC ENERGY
NEWTON SECOND LAW
NEWTON THEORY
REACTION KINETICS
VARIABLE MASS SYSTEMS
RT ACCELERATION (PHYSICS)
ANGULAR MOMENTUM
BODY KINEMATICS
∞ DYNAMICS
FLUID DYNAMICS
FLUID MECHANICS
∞ FORCE
GAS DYNAMICS
HYDROMECHANICS
IDEAL GAS
KINEMATICS
∞ MECHANICS (PHYSICS)
MOMENTUM TRANSFER
MOTION AFTEREFFECTS
NEWTON
PARTICLE COLLISIONS
∞ PHYSICS
VELOCITY

KINOFORM

GS DISPLAY DEVICES
KINOFORM
IMAGERY
KINOFORM
RT COMPUTER PROGRAMMING
HOLOGRAPHY

KIRCHHOFF LAW

∞ KIRCHHOFF LAW

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT KIRCHHOFF LAW OF NETWORKS
KIRCHHOFF LAW OF RADIATION

KIRCHHOFF LAW OF NETWORKS

RT CIRCUITS
ELECTRIC CURRENT
ELECTRIC POTENTIAL
∞ KIRCHHOFF LAW
NETWORK ANALYSIS
NETWORK SYNTHESIS

KIRCHHOFF LAW OF RADIATION

GS LAWS
RADIATION LAWS
KIRCHHOFF LAW OF RADIATION
RT ABSORPTIVITY
BLACK BODY RADIATION
∞ KIRCHHOFF LAW
∞ RADIATION
STEFAN-BOLTZMANN LAW
THERMODYNAMICS

KIRCHHOFF-HELMHOLTZ FLOW

USE PIPE FLOW

KIRCHHOFF-HUYGENS PRINCIPLE

USE DIFFRACTION
WAVE PROPAGATION

KIRKENDALL EFFECT

RT DIFFUSION THEORY
DIFFUSION WELDING
DIFFUSIVITY
∞ EFFECTS
THERMAL DIFFUSION

KITE BALLOONS

USE TETHERED BALLOONS

KITS

RT FIRST AID
SURVIVAL
TOOLS

KIWI B REACTORS

GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR

KIWI B-1 REACTOR

GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
KIWI REACTORS
KIWI B REACTORS

KIWI B-1 REACTOR-(CONT)

KIWI B-1 REACTOR

KIWI B-4 REACTOR

GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-4 REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-4 REACTOR
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-4 REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-4 REACTOR

KIWI REACTORS

UF KIWI ROCKET REACTORS
GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
RT NRX REACTORS
NUCLEAR ENGINE FOR ROCKET
VEHICLES
PHOEBUS NUCLEAR REACTOR
ROVER PROJECT

KIWI ROCKET REACTORS

USE KIWI REACTORS

KJELDAHL METHOD

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
QUANTITATIVE ANALYSIS
KJELDAHL METHOD
RT AMMONIA
∞ METHODOLOGY
NITROGEN
TITRATION

KLEBSIELLA

GS MICROORGANISMS
BACTERIA
KLEBSIELLA

KLEIN-DUNHAM POTENTIAL

RT ∞ POTENTIAL
QUANTUM THEORY

KLEIN-GORDON EQUATION

GS WAVE EQUATIONS
KLEIN-GORDON EQUATION
RT DIRAC EQUATION
∞ EQUATIONS

KLIPPEN

USE OUTLIERS (LANDFORMS)

KLYSTRONS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
KLYSTRONS

NASA THESAURUS (VOLUME 1)

KLYSTRONS-(CONT)

MICROWAVE EQUIPMENT
MICROWAVE TUBES
KLYSTRONS
RT AMPLIFIERS
CATCHERS
CAVITY RESONATORS
CYCLOTRON RESONANCE DEVICES
ELECTRON BUNCHING
ELECTRON CYCLOTRON HEATING
ELECTROSTATIC GENERATORS
MAGNETRONS

KNEE (ANATOMY)

GS ANATOMY
LIMBS (ANATOMY)
LEG (ANATOMY)
KNEE (ANATOMY)
MUSCULOSKELETAL SYSTEM
JOINTS (ANATOMY)
KNEE (ANATOMY)
APPENDAGES
LEG (ANATOMY)
KNEE (ANATOMY)
RT FEMUR

KNIGHT SHIFT

USE NUCLEAR MAGNETIC RESONANCE

KNOBS

RT HANDLES
LEVERS
MANUAL CONTROL

KNOOP HARDNESS

GS MECHANICAL PROPERTIES
HARDNESS
KNOOP HARDNESS
RT HARDNESS TESTS
MICROHARDNESS

KNOWLEDGE

GS KNOWLEDGE
PHILOSOPHY
PARADOXES
RT AXIOMS
DOCUMENTATION
EDUCATION
LEARNING
LITERATURE
PERCEPTION
TEXTBOOKS
TRAINING EVALUATION

KNOWLEDGE ENGINEERING

USE EXPERT SYSTEMS

KNUDSEN CELLS

USE KNUDSEN GAGES

KNUDSEN FLOW

UF KNUDSEN NUMBER
GS FLUID FLOW
DUCTED FLOW
KNUDSEN FLOW
GAS FLOW
KNUDSEN FLOW
RT BOUNDARY LAYER TRANSITION
FREE MOLECULAR FLOW
KINETIC THEORY
MEAN FREE PATH
MOLECULAR FLOW
PRESSURE GRADIENTS
RAREFIED GAS DYNAMICS
TRANSITION POINTS
VACUUM
VISCOUS FLOW

KNUDSEN GAGES

UF KNUDSEN CELLS
GS MEASURING INSTRUMENTS
PRESSURE GAGES
VACUUM GAGES
KNUDSEN GAGES
VACUUM APPARATUS
VACUUM GAGES
KNUDSEN GAGES
RT IONIZATION GAGES
MCLEOD GAGES
PIRANI GAGES
PRESSURE MEASUREMENT
RADIOMETERS

KNUDSEN NUMBER
USE KNUDSEN FLOW

KNURLING
RT GROOVING
MACHINING
METAL CUTTING

KOHOUTEK COMET
GS CELESTIAL BODIES
COMETS
KOHOUTEK COMET
RT BESSEL-BREDICHIN THEORY
∞ COMA
RADIATION PRESSURE
SOLAR SYSTEM

KOLMOGOROFF THEORY
RT ISOTROPIC TURBULENCE
LAGRANGE SIMILARITY HYPOTHESIS
SHEAR FLOW
∞ THEORIES
TURBULENT FLOW
VORTICES

KOLMOGOROFF-SMIRNOFF TEST
GS STATISTICAL ANALYSIS
STATISTICAL TESTS
KOLMOGOROFF-SMIRNOFF TEST

KONDO EFFECT
GS TRANSPORT PROPERTIES
ELECTRICAL RESISTIVITY
SUPERCONDUCTIVITY
KONDO EFFECT
RT ALLOYS
∞ EFFECTS
LOW TEMPERATURE PHYSICS
MAGNETIC MATERIALS
NUCLEAR SPIN
TRANSITION TEMPERATURE

∞ **KOREA**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT NORTH KOREA
SOUTH KOREA

KORTEWEG-DEVRIES EQUATION
GS WAVE EQUATIONS
KORTEWEG-DEVRIES EQUATION
RT ∞ EQUATIONS

KOSSEL PATTERN
GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
DIFFRACTION PATTERNS
KOSSEL PATTERN
RT CRYSTAL LATTICES

KOVAR (TRADEMARK)
GS ALLOYS
KOVAR (TRADEMARK)
RT COBALT ALLOYS

KP INDEX
GS RATIOS
INDEXES (RATIOS)
KP INDEX
RT GEOMAGNETIC PULSATIONS
GEOMAGNETISM
∞ INDEXES
MAGNETIC DISTURBANCES
MAGNETIC PROPERTIES
MAGNETIC VARIATIONS
MAGNETOSPHERE

KRAFT PROCESS (WOODPULP)
RT MANUFACTURING
PAPER (MATERIAL)
∞ PROCESSES

KRAMERS-KRONIG FORMULA
RT ∞ DISPERSION
∞ FORMULAS
OPACITY
SPECTRUM ANALYSIS

KREBS CYCLE
RT CELLS (BIOLOGY)
METABOLISM

KREEP
GS MINERALS
KREEP
RT GEOLOGY
LUNAR SOIL
PHOSPHATES
POTASSIUM
RARE EARTH ELEMENTS
ROCKS

KRIGING
RT VARIANCE (STATISTICS)

KRONECKER PRODUCT
USE ORTHOGONALITY

KROOK EQUATION
RT ∞ EQUATIONS
HYDRODYNAMICS
KINETIC THEORY
SHEAR FLOW
SHOCK WAVE PROFILES

KRYPTON
GS CHEMICAL ELEMENTS
RARE GASES
KRYPTON
GASES
RARE GASES
KRYPTON

KRYPTON FLUORIDE LASERS
GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
KRYPTON FLUORIDE LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
RT COHERENT ELECTROMAGNETIC
RADIATION
LASING
MASERS
OPTICAL PUMPING

KRYPTON ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
KRYPTON ISOTOPES
KRYPTON 85

KRYPTON 85
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
KRYPTON ISOTOPES
KRYPTON 85
RADIOACTIVE ISOTOPES
KRYPTON 85

KU BAND
USE SUPERHIGH FREQUENCIES

KUIPER AIRBORNE OBSERVATORY
USE C-141 AIRCRAFT

KURILE ISLANDS
GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
KURILE ISLANDS
RT U S S R

KURTOSIS
GS DISTRIBUTION (PROPERTY)
FREQUENCY DISTRIBUTION
KURTOSIS
RT ∞ DISTRIBUTION
FOURIER ANALYSIS
∞ PATTERNS
STATISTICAL DISTRIBUTIONS

KUTTA-JOUKOWSKI CONDITION
GS CONDITIONS
KUTTA-JOUKOWSKI CONDITION
RT AIRFOIL PROFILES
BOUNDARY LAYER SEPARATION
JOUKOWSKI TRANSFORMATION

KUWAIT
GS NATIONS
KUWAIT
RT ASIA

KWIC INDEXES
GS CLASSIFICATIONS
INDEXES (DOCUMENTATION)
KWIC INDEXES
RT ∞ INDEXES
THESAURI

L

L BAND
USE ULTRAHIGH FREQUENCIES

L-SAT
UF EUROPEAN LARGE TELECOMM
SATELLITE
GS ESA SPACECRAFT
ESA SATELLITES
L-SAT
SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
L-SAT
ESA SATELLITES
L-SAT
RT SATELLITE NETWORKS

L-28 AIRCRAFT
USE U-10 AIRCRAFT

L-29 AIRCRAFT
USE L 29 JET TRAINER

L-29 JET TRAINER
UF DELFIN AIRCRAFT
L-29 AIRCRAFT
OMNIPOL L-29 AIRCRAFT
JET AIRCRAFT
L-29 JET TRAINER
MONOPLANES
L-29 JET TRAINER
TILT WING AIRCRAFT
L-29 JET TRAINER
TRAINING AIRCRAFT
L-29 JET TRAINER
V/STOL AIRCRAFT
L-29 JET TRAINER

L-1011 AIRCRAFT
GS COMMERCIAL AIRCRAFT
L-1011 AIRCRAFT
JET AIRCRAFT
L-1011 AIRCRAFT
LOCKHEED AIRCRAFT
L-1011 AIRCRAFT
PASSENGER AIRCRAFT
L-1011 AIRCRAFT
TRANSPORT AIRCRAFT
L-1011 AIRCRAFT
RT ∞ AIRCRAFT
TURBOFAN ENGINES

L-2000 AIRCRAFT
UF LOCKHEED L-2000 AIRCRAFT
GS JET AIRCRAFT
L-2000 AIRCRAFT
LOCKHEED AIRCRAFT
L-2000 AIRCRAFT
PASSENGER AIRCRAFT
L-2000 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
L-2000 AIRCRAFT
TRANSPORT AIRCRAFT
L-2000 AIRCRAFT
RT ∞ AIRCRAFT

LABELING (MARKING)
USE MARKING

LABOR
RT MANPOWER
MEDIATION
PERSONNEL SELECTION

LABORATORIES
GS LABORATORIES
ADVANCED TECHNOLOGY
LABORATORY
ENGINE TESTING LABORATORIES
ENVIRONMENTAL LABORATORIES
HUMAN FACTORS LABORATORIES

LABORATORY EQUIPMENT

LABORATORIES-(CONT)

LONG DURATION EXPOSURE FACILITY
LUNAR MOBILE LABORATORIES
LUNAR RECEIVING LABORATORY
SPACE LABORATORIES
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
EARTH VIEWING APPLICATIONS
LABORATORY
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
UNDERWATER RESEARCH
LABORATORIES
RT EXPERIMENT DESIGN
EXPERIMENTATION
NUCLEAR RESEARCH
RESEARCH FACILITIES
SAIL PROJECT
TEST FACILITIES
∞ TESTS

LABORATORY EQUIPMENT

GS LABORATORY EQUIPMENT
IMAGE FURNACES
SYRINGES
RT AMPOULES
∞ EQUIPMENT
GLASSWARE
MEASURING INSTRUMENTS
PIPETTES

LABRADOR

RT CANADA

LABYRINTH

GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
COCHLEA
VESTIBULES
RT SEMICIRCULAR CANALS

LABYRINTH SEALS

GS SEALS (STOPPERS)
LABYRINTH SEALS
RT FLUID FLOW
GASKETS
GLANDS (SEALS)
HERMETIC SEALS
LEAKAGE
O RING SEALS
PACKINGS (SEALS)
PLUGS
PUMP SEALS
ROTOR SPEED

LABYRINTHECTOMY

GS SURGERY
LABYRINTHECTOMY
RT EAR

LACATE (EXPERIMENT)

UF LOWER ATMOSPHERIC COMPOSITION
EXPERIMENT
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC TEMPERATURE
LOWER ATMOSPHERE

LACE (ENGINE)

USE LIQUID AIR CYCLE ENGINES

LACQUERS

GS COATINGS
LACQUERS
FINISHES
LACQUERS
RT METAL COATINGS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

LACTATES

GS ALIPHATIC COMPOUNDS
LACTATES
ESTERS
LACTATES

LACTIC ACID

GS ALIPHATIC COMPOUNDS
LACTIC ACID

LACTOSE

GS ALIPHATIC COMPOUNDS
SUGARS
LACTOSE
CARBOHYDRATES
SUGARS
LACTOSE

LACUNAS

RT LICHENS
PLANTS (BOTANY)

LADDERS

RT ESCALATORS
STAIRWAYS

LAG (DELAY)

USE TIME LAG

LAGEOS (SATELLITE)

UF LASER GEODYNAMIC SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
LAGEOS (SATELLITE)
UNMANNED SPACECRAFT
PASSIVE SATELLITES
LAGEOS (SATELLITE)
RT LASER RANGE FINDERS
RETROREFLECTION

LAGOONS

GS LANDFORMS
LAGOONS
RT ATOLLS
BARS (LANDFORMS)
BEACHES
COASTS
DUNES
INLETS (TOPOGRAPHY)
ISLAND ARCS
ISLANDS
LAKES
PONDS
RESERVOIRS
TOPOGRAPHY

LAGRANGE COORDINATES

GS COORDINATES
LAGRANGE COORDINATES
RT CLASSICAL MECHANICS
HYDRODYNAMICS
LIBRATIONAL MOTION

LAGRANGE EQUATIONS OF MOTION

USE EULER-LAGRANGE EQUATION

LAGRANGE MULTIPLIERS

RT CHIRAL DYNAMICS
DIFFERENTIAL EQUATIONS
ISOPERIMETRIC PROBLEM
MULTIPLIERS
OPERATIONS RESEARCH
OPTIMIZATION

LAGRANGE SIMILARITY HYPOTHESIS

GS HYPOTHESES
LAGRANGE SIMILARITY HYPOTHESIS
THEOREMS
SIMILARITY THEOREM
LAGRANGE SIMILARITY HYPOTHESIS
RT ENERGY DISSIPATION
ENERGY TRANSFER
KINETIC ENERGY
KOLMOGOROFF THEORY
TURBULENT FLOW

LAGRANGIAN EQUILIBRIUM POINTS

GS GRAVITATIONAL EFFECTS
LAGRANGIAN EQUILIBRIUM POINTS
RT CELESTIAL MECHANICS
GRAVITATIONAL FIELDS
ORBITAL MECHANICS

LAGUERRE FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
LAGUERRE FUNCTIONS
FUNCTIONS (MATHEMATICS)
LAGUERRE FUNCTIONS
RT ORTHOGONAL FUNCTIONS

LAKE BEDS

USE BEDS (GEOLOGY)

NASA THESAURUS (VOLUME 1)

LAKE CHAMPLAIN BASIN (NY-VT)

GS LANDFORMS
STRUCTURAL BASINS
LAKE CHAMPLAIN BASIN (NY-VT)
RT CANADA
LAKES
NEW YORK
VERMONT

LAKE ERIE

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE ERIE
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE HURON

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE HURON
RT HYDROLOGY
RIVERS
SAGINAW BAY (MI)
STREAMS
WATER
WATER MANAGEMENT

LAKE ICE

GS ICE
LAKE ICE
ICE FLOES
RT BAY ICE
ICE FORMATION
LAKES
LAND ICE
SEA ICE
WATER

LAKE MICHIGAN

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE MICHIGAN
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE ONTARIO

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE ONTARIO
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE PONTCHARTRAIN (LA)

GS LAKES
LAKE PONTCHARTRAIN (LA)
RT LOUISIANA

LAKE SUPERIOR

GS LAKES
GREAT LAKES (NORTH AMERICA)
LAKE SUPERIOR
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE TAHOE (CA-NV)

GS LAKES
LAKE TAHOE (CA-NV)
RT CALIFORNIA
NEVADA

LAKE TEXOMA (OK-TX)

GS LAKES
LAKE TEXOMA (OK-TX)
RT LIMNOLOGY
OKLAHOMA
RESERVOIRS
TEXAS
VADOSE WATER

LAKES

GS LAKES
GREAT LAKES (NORTH AMERICA)

LAKES-(CONT)

LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
GREAT SALT LAKE (UT)
LAKE PONTCHARTRAIN (LA)
LAKE TAHOE (CA-NV)
LAKE TEXOMA (OK-TX)
PYRAMID LAKE (NV)
RT AQUIFERS
BAYOUS
BEACHES
COASTS
EARTH HYDROSPHERE
EUTROPHICATION
INLAND WATERS
KETTLES (GEOLOGY)
LAGOONS
LAKE CHAMPLAIN BASIN (NY-VT)
LAKE ICE
LIMNOLOGY
PLAYAS
PONDS
REGIONAL PLANNING
RESERVOIRS
RIVER BASINS
SHOALS
SHORELINES
SPRINGS (WATER)
STRAITS
SURFACE WATER
THERMAL POLLUTION
WATER CIRCULATION
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAYS

LALLEMAND CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
LALLEMAND CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
LALLEMAND CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
IMAGE CONVERTERS
IMAGE INTENSIFIERS
IMAGE TRANSDUCERS
LIGHT AMPLIFIERS
SPECTROSCOPY
TELEVISION CAMERAS

LAMB WAVES

GS ELASTIC WAVES
SOUND WAVES
LAMB WAVES
RT ACOUSTIC PROPERTIES
ACOUSTICS
STURM-LIOUVILLE THEORY
ULTRASONIC TESTS

LAMBDA ROCKET VEHICLES

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
LAMBDA ROCKET VEHICLES
SOUNDING ROCKETS
LAMBDA ROCKET VEHICLES
RT SOLID PROPELLANT ROCKET ENGINES
VEHICLES

LAMBDA TAURI STARS

GS CELESTIAL BODIES
STARS
LAMBDA TAURI STARS
RT VARIABLE STARS

LAMBERT LAW

USE BOUGUER LAW

LAMBERT SURFACE

RT BOUGUER LAW
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
SURFACE DISTORTION
SURFACE GEOMETRY
SURFACES

LAME FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
LAME FUNCTIONS
RT BOUNDARY VALUE PROBLEMS

LAME FUNCTIONS-(CONT)

DIFFERENTIAL EQUATIONS

LAME WAVE EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
LAME WAVE EQUATIONS
WAVE EQUATIONS
LAME WAVE EQUATIONS
RT ACOUSTICS
ELASTIC WAVES
EQUATIONS
STURM-LIOUVILLE THEORY
WAVE PROPAGATION

LAMELLA

GS PHYSIOLOGY
LAMELLA
RT BONES

LAMELLA (METALLURGY)

RT ALUMINUM ALLOYS
COPPER ALLOYS
CRYSTALLOGRAPHY
EUTECTIC ALLOYS
MICROSTRUCTURE

LAMINA

USE LAYERS

LAMINAR BOUNDARY LAYER

UF LAMINAR BOUNDARY LAYER
SEPARATION
LAMINAR FLOW CONTROL
BOUNDARY LAYERS
GS LAMINAR BOUNDARY LAYER
BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
GOERTLER INSTABILITY
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
INTERACTIONAL AERODYNAMICS
ISOTHERMAL LAYERS
POHLHAUSEN METHOD
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER
X-21 AIRCRAFT

LAMINAR BOUNDARY LAYER SEPARATION

USE LAMINAR BOUNDARY LAYER

LAMINAR FLAMES

USE FLAMES
LAMINAR FLOW

LAMINAR FLOW

UF LAMINAR FLAMES
LAMINAR JETS
POISEUILLE FLOW
STREAMLINE FLOW
GS FLUID FLOW
LAMINAR FLOW
BLASIUS FLOW
HARTMANN FLOW
STRATIFIED FLOW
RT AERODYNAMICS
ATMOSPHERIC TURBULENCE
BOUNDARY LAYER TRANSITION
CAPILLARY FLOW
CRITICAL FLOW
FALKNER-SKAN EQUATION
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
FORCED CONVECTION
FREE CONVECTION
GAS FLOW
GAS STREAMS
INVISCID FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW
NEWTON PRESSURE LAW
OPEN CHANNEL FLOW
ORIFICE FLOW
PARALLEL FLOW
PIPE FLOW
PRANDTL-MEYER EXPANSION
RAYLEIGH-BENARD CONVECTION
REYNOLDS NUMBER

LAMINAR FLOW-(CONT)

ROSHKO PREDICTION
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
TOLLMEIN-SCHLICHTING WAVES
TRANSITION LAYERS
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW
VISCOUS DRAG
VISCOUS FLOW
WEDGE FLOW
X-21A AIRCRAFT

LAMINAR FLOW AIRFOILS

GS AIRFOILS
LAMINAR FLOW AIRFOILS

LAMINAR FLOW CONTROL

USE BOUNDARY LAYER CONTROL
LAMINAR BOUNDARY LAYER

LAMINAR HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
LAMINAR HEAT TRANSFER
RT CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
THERMOHYDRAULICS
TURBULENT HEAT TRANSFER

LAMINAR JETS

USE JET FLOW
LAMINAR FLOW

LAMINAR MIXING

GS MIXING
LAMINAR MIXING
RT FLUID INJECTION
GAS MIXTURES
TURBULENT MIXING

LAMINAR WAKES

GS WAKES
LAMINAR WAKES
RT AIRCRAFT WAKES
TURBULENT WAKES

LAMINATED MATERIALS

USE LAMINATES

LAMINATES

UF LAMINATED MATERIALS
LAMINATIONS
MULTILAYER STRUCTURES
GS COMPOSITE MATERIALS
LAMINATES
BORAL
PLYWOOD
COMPOSITE STRUCTURES
LAMINATES
BORAL
PLYWOOD
RT BONDING
BORON-EPOXY COMPOUNDS
CLADDING
COATINGS
FABRICS
FIBER COMPOSITES
FILAMENT WINDING
FILMS
FORMICA
GLASS FIBER REINFORCED PLASTICS
HONEYCOMB STRUCTURES
INTERLAYERS
LAY-UP
LAYERS
MAGNETIC CORES
MATERIALS
MATRIX MATERIALS
METAL BONDING
METALLIZING
MULTILAYER INSULATION
PAPERS
PLATING
PLY ORIENTATION
POLYMER MATRIX COMPOSITES
PREPREGS
REINFORCED PLASTICS
REINFORCED PLATES
SANDWICH STRUCTURES
SHEETS

LAMINATIONS

LAMINATES-(CONT)

SUBSTRATES
THERMOSETTING RESINS
VENEERS

LAMINATIONS

USE LAMINATES

LAMPS

USE LUMINAIRES

LAMPS PROGRAM

USE LIGHT AIRBORNE MULTIPURPOSE
SYSTEM

LANCE MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
LANCE MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
TRAILBLAZER 1 REENTRY VEHICLE
TX-77 ENGINE

LAND

GS **LAND**
ALLEGHENY PLATEAU (US)
ARID LANDS
BADLANDS
BARREN LAND
CASCADE RANGE (CA-OR-WA)
COLORADO PLATEAU (US)
DESERTS
GOBI DESERT
LIBYAN DESERT
MOJAVE DESERT (CA)
SAHARA DESERT (AFRICA)
FARMLANDS
GRASSLANDS
LLANOS ORIENTALES (COLOMBIA)
ISTHUSES
MARSHLANDS
PARKS
NATIONAL PARKS
YELLOWSTONE NATIONAL PARK
(ID-MT-WY)
PLAINS
COASTAL PLAINS
FLOOD PLAINS
LLANOS ORIENTALES (COLOMBIA)
PAMPAS
PENEPLAINS
PLAYAS
TUNDRA
RANGELANDS
WETLANDS
RT CAPES (LANDFORMS)
DESERTIFICATION
DESERTLINE
PENINSULAS
RESIDENTIAL AREAS
RURAL AREAS
RURAL LAND USE
SITES
SOD
SOILS
TOPOGRAPHY

LAND ICE

UF ICE SHELVES
GS ICE
LAND ICE
RESOURCES
EARTH RESOURCES
LAND ICE
RT ANTARCTIC REGIONS
GLACIAL DRIFT
GLACIERS
ICEBERGS
LAKE ICE
SEA ICE

LAND MANAGEMENT

GS MANAGEMENT
RESOURCES MANAGEMENT
LAND MANAGEMENT
RT ENVIRONMENT MANAGEMENT
REGIONAL PLANNING
RURAL LAND USE
URBAN PLANNING
WILDERNESS

LAND MOBILE SATELLITE SERVICE

GS MOBILE COMMUNICATION SYSTEMS
LAND MOBILE SATELLITE SERVICE
RT COMMUNICATION SATELLITES

LAND MOBILE SATELLITE SERVICE-(CONT)

GROUND STATIONS
MSAT
RADIO COMMUNICATION

LAND USE

GS **LAND USE**
RURAL LAND USE
RT AGRISTARS PROJECT
AIRPORT PLANNING
BARREN LAND
CHANGE DETECTION
CONSERVATION
DESERTIFICATION
∞ DEVELOPMENT
EARTH RESOURCES
ECONOMIC DEVELOPMENT
ENERGY POLICY
ENVIRONMENT MANAGEMENT
EXPLOITATION
∞ FACILITIES
FARMLANDS
FOREST MANAGEMENT
GRASSLANDS
INDUSTRIAL AREAS
LANDFILLS
LEASING
RESIDENTIAL AREAS
SITE SELECTION
SPOT (FRENCH SATELLITE)
STARSITE PROGRAM
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN PLANNING
URBAN RESEARCH

LANDAU DAMPING

GS DAMPING
RT **LANDAU DAMPING**
ELECTRON PLASMA
LANDAU FACTOR
PHASE VELOCITY
PLASMA WAVES
SPACE CHARGE

LANDAU FACTOR

RT ATOMIC ENERGY LEVELS
ATOMIC THEORY
LANDAU DAMPING
PLASMAS (PHYSICS)
SUPERCONDUCTIVITY

LANDAU-GINZBURG EQUATIONS

RT ∞ EQUATIONS
QUANTUM ELECTRODYNAMICS
SUPERCONDUCTIVITY

LANDFILLS

RT INDUSTRIAL WASTES
LAND USE
METHANE
SOLID WASTES
WASTE DISPOSAL
WASTE UTILIZATION
WATER POLLUTION

LANDFORMS

GS **LANDFORMS**
ARROYOS
BARRIERS (LANDFORMS)
OUTER BANKS (NC)
REEFS
BARS (LANDFORMS)
BEDS (GEOLOGY)
SALT BEDS
BRIDGES (LANDFORMS)
CALDERAS
CANALS
CANYONS
GRAND CANYON (AZ)
CAPES (LANDFORMS)
CAPE HATTERAS (NC)
CONES (VOLCANOES)
CUSPS (LANDFORMS)
DELTA
MISSISSIPPI DELTA (LA)
RHONE DELTA (FRANCE)
DIVIDES (LANDFORMS)
DUNES
ESCARPMENTS
FANS (LANDFORMS)
FIORDS
FLATS (LANDFORMS)
TIDAL FLATS
GAPS (GEOLOGY)

NASA THESAURUS (VOLUME 1)

LANDFORMS-(CONT)

INLETS (TOPOGRAPHY)
BAYOUS
COOK INLET (AK)
INLIERS (LANDFORMS)
ISLAND ARCS
ISLANDS
ALEUTIAN ISLANDS (US)
ASSATEAGUE ISLAND (MD-VA)
ATOLLS
BAHRAIN
BERMUDA
CYPRUS
GREENLAND
HAWAII
ICELAND
INDONESIA
IRELAND
KEYS (ISLANDS)
LONG ISLAND (NY)
MALAGASY REPUBLIC
MALDIVE ISLANDS
MALTA
MERRITT ISLAND (FL)
NEWFOUNDLAND
NUNATAKS
PACIFIC ISLANDS
GUAM
JAPAN
JOHNSTON ISLAND
KURILE ISLANDS
NEW GUINEA (ISLAND)
NEW ZEALAND
PHILIPPINES
SAMOA
PRINCE EDWARD ISLAND
SICILY
TASMANIA
WALLOPS ISLAND
WEST INDIES
BAHAMAS
BARBADOS
CUBA
DOMINICA
GUADELOUPE
HAITI
JAMAICA
LESSER ANTILLES
MARTINIQUE
PUERTO RICO
TRINIDAD AND TOBAGO
VIRGIN ISLANDS
ISTHUSES
LAGOONS
MAGDALENA-CAUCA VALLEY
(COLOMBIA)
MASSIFS
MOUNTAINS
ADIRONDACK MOUNTAINS (NY)
ALPS MOUNTAINS (EUROPE)
ANDES MOUNTAINS (SOUTH
AMERICA)
APPALACHIAN MOUNTAINS (NORTH
AMERICA)
BIGHORN MOUNTAINS (MT-WY)
BLACK HILLS (SD-WY)
CARPATHIAN MOUNTAINS (EUROPE)
CASCADE RANGE (CA-OR-WA)
CAUCASUS MOUNTAINS (U S S R)
COASTAL RANGES (CA)
GREAT SMOKY MOUNTAINS (NC-TN)
HIMALAYAS
PENINSULAR RANGES (CA)
PYRENEES MOUNTAINS (EUROPE)
ROCKY MOUNTAINS (NORTH
AMERICA)
SAN JUAN MOUNTAINS (CO)
SIERRA NEVADA MOUNTAINS (CA)
WIND RIVER RANGE (WY)
WRANGELL MOUNTAINS (AK)
MUSKEGS
OUTLIERS (LANDFORMS)
PANAMA CANAL ZONE
PEAKS (LANDFORMS)
PIKE'S PEAK (CO)
PENINSULAS
DELMARVA PENINSULA (DE-MD-VA)
PHOENIX QUADRANGLE (AZ)
PLAYAS
RAVINES
ST LAWRENCE VALLEY (NORTH
AMERICA)
STEPPE
STRUCTURAL BASINS
CIRQUES (LANDFORMS)
GREAT BASIN (US)

LANDFORMS-(CONT)

KALIHARI BASIN (AFRICA)
 KARST
 SINKHOLES
 KETTLES (GEOLOGY)
 LAKE CHAMPLAIN BASIN (NY-VT)
 RIVER BASINS
 ATCHAFALAYA RIVER BASIN (LA)
 CHENA RIVER BASIN (AK)
 COLUMBIA RIVER BASIN (ID-OR WA)
 DELAWARE RIVER BASIN (US)
 FEATHER RIVER BASIN (CA)
 MISSOURI RIVER BASIN (US)
 SUSQUEHANNA RIVER BASIN (MD-NY-PA)
 WABASH RIVER BASIN (IL-IN-OH)
 WADIS
 WATERSHEDS
 WILLISTON BASIN (NORTH AMERICA)
 TERRACES (LANDFORMS)
 PLATEAUS
 ALLEGHENY PLATEAU (US)
 COLORADO PLATEAU (US)
 MESAS
 BUTTES
 PIEDMONT
 CENTRAL PIEDMONT (US)
 TUNDRA
 VOLCANOES
 MARS VOLCANOES
 RT ARCHELAGOES
 CROSSBEDDING (GEOLOGY)
 DEATH VALLEY (CA)
 DITCHES
 EARTHQUAKE RESISTANCE
 ∞ FAULTS
 GEOLOGICAL FAULTS
 GLACIAL DRIFT
 LANDMARKS
 LANDSLIDES
 PLAINS
 ∞ PLATFORMS
 ∞ RIDGES
 SEAMOUNTS
 SINKHOLES
 SLOPES
 STRUCTURAL PROPERTIES (GEOLOGY)
 TERRAIN
 TOPOGRAPHY

LANDING

GS **LANDING**
 AIRCRAFT LANDING
 CRASH LANDING
 DITCHING (LANDING)
 SKID LANDINGS
 BLIND LANDING
 GLIDE LANDINGS
 HORIZONTAL SPACECRAFT LANDING
 HARD LANDING
 SOFT LANDING
 SPACECRAFT LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 MARS LANDING
 PLANETARY LANDING
 TOUCHDOWN
 VERTICAL LANDING
 WATER LANDING
 RT DITCHING (LANDING)
 AIR TRAFFIC CONTROL
 APPROACH
 APPROACH AND LANDING TESTS (STS)
 ARRIVALS
 GUIDANCE (MOTION)
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
 MANEUVERS
 RUNWAYS
 TAKEOFF
 VISUAL FLIGHT

LANDING AIDS

UF LANDING SYSTEMS
 GS **LANDING AIDS**
 AIRPORT BEACONS
 DISCRETE ADDRESS BEACON SYSTEM
 AIRPORT LIGHTS
 RUNWAY LIGHTS
 ARRESTING GEAR
 INSTRUMENT LANDING SYSTEMS
 ALL-WEATHER LANDING SYSTEMS
 AUTOMATIC LANDING CONTROL
 LANDING INSTRUMENTS

LANDING AIDS-(CONT)

APPROACH INDICATORS
 LANDING RADAR
 MICROVISION LANDING AID
 MICROWAVE LANDING SYSTEMS
 MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 RT ∞ AIDS
 AIR TRAFFIC CONTROL
 AIR TRAFFIC CONTROLLERS (PERSONNEL)
 AIRBORNE RADAR APPROACH
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 AIRPORT TOWERS
 AIRPORTS
 ANTISKID DEVICES
 APPROACH
 APPROACH CONTROL
 AUTOMATIC PILOTS
 DELAYED FLAP APPROACH
 GROUND BASED CONTROL
 GROUND SUPPORT EQUIPMENT
 HEAD-UP DISPLAYS
 HELIPORTS
 INSTRUMENT APPROACH
 MILITARY AIR FACILITIES
 NATIONAL AVIATION SYSTEM
 NAVIGATION AIDS
 PLAT SYSTEM
 RADAR APPROACH CONTROL
 RADIO BEACONS
 RUNWAYS
 SAFETY DEVICES
 SOLAR COMPASSES

LANDING GEAR

UF RETRACTABLE LANDING GEAR
 RT AIRCRAFT PARTS
 AIRCRAFT TIRES
 AIRFRAMES
 ∞ BICYCLE
 BRAKES (FOR ARRESTING MOTION)
 CARRIAGES
 FAIRINGS
 FLOATS
 ∞ GEAR
 HYDROFOILS
 NOSE WHEELS
 RETRACTABLE EQUIPMENT
 SELF ALIGNMENT
 SHOCK ABSORBERS
 SKIDDING
 SKIS
 SPRAY INGESTION
 TIRES
 UNDERCARRIAGES
 VEHICLE WHEELS
 WHEEL BRAKES
 WHEELS

LANDING INSTRUMENTS

GS LANDING AIDS
LANDING INSTRUMENTS
 APPROACH INDICATORS
 RT AIR TRAFFIC CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 AUTOMATIC CONTROL
 BLIND LANDING
 FLIGHT INSTRUMENTS
 INSTRUMENT LANDING SYSTEMS
 MANUAL CONTROL
 MEASURING INSTRUMENTS
 RADAR APPROACH CONTROL
 SPEED INDICATORS

LANDING LOADS

GS LOADS (FORCES)
 DYNAMIC LOADS
 TRANSIENT LOADS
LANDING LOADS
 RT DECELERATION
 IMPACT LOADS
 SHOCK LOADS
 STRUCTURAL DESIGN CRITERIA

LANDING MATS

RT AIRCRAFT LANDING
 AIRPORTS
 MILITARY AIR FACILITIES
 RUNWAYS

LANDING MODULES

GS MODULES
 SPACECRAFT MODULES
LANDING MODULES
 LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 MARS EXCURSION MODULE
 SOFT LANDING SPACECRAFT
LANDING MODULES
 LUNAR LANDING MODULES
 LUNAR MODULE
 APOLLO LUNAR EXPERIMENT MODULE
 LSSM
 MARS EXCURSION MODULE
 RT APOLLO SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LAUNCH VEHICLES
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 REENTRY VEHICLES
 REUSABLE SPACECRAFT
 SPACE CAPSULES
 SPACECRAFT DOCKING MODULES

LANDING RADAR

GS LANDING AIDS
LANDING RADAR
 RADAR
 RT **LANDING RADAR**
 AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 APPROACH CONTROL
 INSTRUMENT APPROACH
 RADAR APPROACH CONTROL

LANDING SIMULATION

GS SIMULATION
LANDING SIMULATION
 RT ALTITUDE SIMULATION
 ATMOSPHERIC ENTRY SIMULATION
 COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 SPACECRAFT LANDING
 TRAINING SIMULATORS

LANDING SITES

GS SITES
LANDING SITES
 LUNAR LANDING SITES
 RT HELIPORTS
 RECOVERY ZONES
 RUNWAYS
 TRAJECTORY CONTROL

LANDING SPEED

GS RATES (PER TIME)
LANDING SPEED
 VELOCITY
LANDING SPEED
 RT HIGH SPEED
 LOW SPEED

LANDING SYSTEMS

USE LANDING AIDS

LANDMARKS

RT LANDFORMS
 TERRAIN
 TOPOGRAPHY

LANDSAT E

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE E
 EOS-A
 ERTS-E
 GS SATELLITES
 ARTIFICIAL SATELLITES
 LANDSAT SATELLITES
 LANDSAT E

LANDSAT F

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE F
 EOS-B
 ERTS-F
 GS SATELLITES
 ARTIFICIAL SATELLITES
 LANDSAT SATELLITES
 LANDSAT F

LANDSAT FOLLOW-ON MISSIONS

LANDSAT FOLLOW-ON MISSIONS

UF LFO
RT ∞ MISSIONS
MULTIMISSION MODULAR SPACECRAFT

LANDSAT SATELLITES

UF EARTH RESOURCES TECHNOLOGY
SATELLITES
EOS
ERTS
GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT E
LANDSAT F
LANDSAT 1
LANDSAT 2
LANDSAT 3
LANDSAT 4
LANDSAT 5
RT AGRISTARS PROJECT
EARTH OBSERVATIONS (FROM SPACE)
EARTHNET
MAPSAT
NASA PROGRAMS
OCEANOGRAPHY
SATELLITE OBSERVATION
SEASAT PROGRAM
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

LANDSAT 1

UF EARTH RESOURCES TECHNOLOGY
SATELLITE 1
ERTS-A
GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT 1

LANDSAT 2

UF EARTH RESOURCES TECHNOLOGY
SATELLITE B
ERTS-B
GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT 2

LANDSAT 3

UF EARTH RESOURCES TECHNOLOGY
SATELLITE C
ERTS-C
GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT 3
RT PLASMA INTERACTION EXPERIMENT

LANDSAT 4

UF EARTH RESOURCES TECHNOLOGY
SATELLITE D
ERTS-D
GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT 4

LANDSAT 5

GS SATELLITES
ARTIFICIAL SATELLITES
LANDSAT SATELLITES
LANDSAT 5

LANDSCAPE

USE TERRAIN
TOPOGRAPHY

LANDSLIDES

GS EARTH MOVEMENTS
LANDSLIDES
RT CLIFFS
FLOOD DAMAGE
LANDFORMS
RAIN EROSION
ROCKS
SLOPES
SOIL EROSION
SOILS
STORM DAMAGE

LANES

USE PATHS

LANGEVIN FORMULA

RT DISPERSING
FERROMAGNETISM
MAGNETIC MOMENTS

LANGLEY COMPLEX COORDINATOR

GS SIMULATORS
ENVIRONMENT SIMULATORS
SPACE SIMULATORS
LANGLEY COMPLEX COORDINATOR
RT FLIGHT SIMULATORS
GRAVITATIONAL EFFECTS
ROTATING ENVIRONMENTS
SPACE ENVIRONMENT SIMULATION
SPACECRAFT ENVIRONMENTS
WEIGHTLESSNESS SIMULATION

LANGMUIR PROBES

USE ELECTROSTATIC PROBES

LANGUAGE PROGRAMMING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
LANGUAGE PROGRAMMING
RT COMPUTER ASSISTED INSTRUCTION
DATA PROCESSING
HIGH LEVEL LANGUAGES
LANGUAGES
MACHINE ORIENTED LANGUAGES
MACHINE TRANSLATION
SYMBOLIC PROGRAMMING
∞ TRANSLATORS

LANGUAGES

GS LANGUAGES
ADA (PROGRAMMING LANGUAGE)
COMMAND LANGUAGES
QUERY LANGUAGES
ENGLISH LANGUAGE
ORTHOGRAPHY
PROGRAMMING LANGUAGES
ALGOL
APL (PROGRAMMING LANGUAGE)
ASSEMBLY LANGUAGE
AUTOCODERS
COMPASS (PROGRAMMING
LANGUAGE)
MAP (PROGRAMMING LANGUAGE)
BASIC (PROGRAMMING LANGUAGE)
COBOL
COGO (PROGRAMMING LANGUAGE)
CONTEXT FREE LANGUAGES
FORTRAN
HAL/S (LANGUAGE)
HIGH LEVEL LANGUAGES
LISP (PROGRAMMING LANGUAGE)
MACHINE ORIENTED LANGUAGES
MARVS (PROGRAMMING
LANGUAGE)
SLEUTH (PROGRAMMING
LANGUAGE)
NATURAL LANGUAGE (COMPUTERS)
PASCAL (PROGRAMMING LANGUAGE)
PL/1
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
RT ALPHABETS
ARTICULATION
CODING
COMMUNICATION THEORY
GRAMMARS
LANGUAGE PROGRAMMING
LINGUISTICS
MACHINE TRANSLATION
PHONEMES
PHONEMICS
PHONETICS
SEMANTICS
SPEECH
SYMBOLS
SYNTAX
TRANSLATING
VERBAL COMMUNICATION
VOWELS

LANTHANIDE SERIES METALS

USE RARE EARTH ELEMENTS

LANTHANUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS

NASA THESAURUS (VOLUME 1)

LANTHANUM-(CONT)

LANTHANUM
LANTHANUM ISOTOPES
METALS
RARE EARTH ELEMENTS
LANTHANUM
LANTHANUM ISOTOPES
RT DIDYMIUM

LANTHANUM ALLOYS

GS ALLOYS
RARE EARTH ALLOYS
LANTHANUM ALLOYS

LANTHANUM CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
LANTHANUM CHLORIDES
HALIDES
CHLORIDES
LANTHANUM CHLORIDES
METAL HALIDES
LANTHANUM CHLORIDES
LANTHANUM COMPOUNDS
LANTHANUM CHLORIDES

LANTHANUM COMPOUNDS

GS LANTHANUM COMPOUNDS
LANTHANUM CHLORIDES
LANTHANUM FLUORIDES
LANTHANUM OXIDES
LANTHANUM TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

LANTHANUM FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
LANTHANUM FLUORIDES
HALIDES
METAL HALIDES
LANTHANUM FLUORIDES
LANTHANUM COMPOUNDS
LANTHANUM FLUORIDES

LANTHANUM ISOTOPES

UF LANTHANUM 140
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
LANTHANUM ISOTOPES
RARE EARTH ELEMENTS
LANTHANUM
LANTHANUM ISOTOPES
METALS
RARE EARTH ELEMENTS
LANTHANUM
LANTHANUM ISOTOPES

LANTHANUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
LANTHANUM OXIDES
LANTHANUM COMPOUNDS
LANTHANUM OXIDES

LANTHANUM TELLURIDES

GS CHALCOGENIDES
TELLURIDES
LANTHANUM TELLURIDES
LANTHANUM COMPOUNDS
LANTHANUM TELLURIDES
RARE EARTH COMPOUNDS
LANTHANUM TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
LANTHANUM TELLURIDES

LANTHANUM 140

USE LANTHANUM ISOTOPES

LAOS

GS NATIONS
LAOS
RT ASIA

LAP JOINTS

GS JOINTS (JUNCTIONS)
LAP JOINTS
RT BUTT JOINTS

LAP JOINTS-(CONT)

METAL JOINTS
RIVETED JOINTS
SOLDERED JOINTS
WELDED JOINTS

LAPLACE EQUATION

RT ∞ EQUATIONS
HARMONIC FUNCTIONS
PARTIAL DIFFERENTIAL EQUATIONS
POISSON EQUATION
STOKES-BELTRAMI EQUATION

LAPLACE OPERATORS

USE LAPLACE TRANSFORMATION

LAPLACE TRANSFORMATION

UF LAPLACE OPERATORS
GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
LAPLACE TRANSFORMATION
FUNCTIONS (MATHEMATICS)
LAPLACE TRANSFORMATION
TRANSFORMATIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
LAPLACE TRANSFORMATION
RT DIFFERENTIAL EQUATIONS
OPERATORS (MATHEMATICS)

LAPSE RATE

RT HUMIDITY
TEMPERATURE
TEMPERATURE INVERSIONS
TEPHIGRAMS

LARA AIRCRAFT

USE COIN AIRCRAFT

LARGE APERTURE SEISMIC ARRAY

GS ARRAYS
LARGE APERTURE SEISMIC ARRAY
RT EARTH MOVEMENTS
EARTHQUAKES
MEASURING INSTRUMENTS
SEISMIC WAVES
SEISMOLOGY

LARGE AREA CROP INVENTORY EXPERIMENT

RT AGRICULTURE
AGROPHYSICAL UNITS
CROP GROWTH
CROP INVENTORIES
 ∞ CROPS
EARTH RESOURCES
EARTH RESOURCES PROGRAM
FARM CROPS
INVENTORIES

LARGE INFRARED TELESCOPE ON SPACELAB

USE LIRTS (TELESCOPE)

LARGE SCALE INTEGRATION

UF LSI
GS CIRCUITS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
PRINTED CIRCUITS
LARGE SCALE INTEGRATION
MICROELECTRONICS
LARGE SCALE INTEGRATION
RT CHIPS (ELECTRONICS)
DTL INTEGRATED CIRCUITS
ELECTRONIC PACKAGING
LINEAR INTEGRATED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROPROCESSORS
TTL INTEGRATED CIRCUITS
VERY LARGE SCALE INTEGRATION
VHSIC (CIRCUITS)

LARGE SPACE STRUCTURES

RT CONTINUUM MODELING
EXPANDABLE STRUCTURES
FLEXIBLE SPACECRAFT
HOOP COLUMN ANTENNAS
INTRAORBIT TRANSFER VEHICLES
LASER GYROSCOPES
MAYPOLE ANTENNAS
MEGAMECHANICS
ORBITAL SERVICING
ORBITAL SPACE STATIONS
ORBITAL SPACE TESTS
SELF SHADOWING

LARGE SPACE STRUCTURES-(CONT)

SHAPE CONTROL
SOLAR POWER SATELLITES
SPACE ERECTABLE STRUCTURES
SPACE OPERATIONS CENTER (NASA)
SPACE TECHNOLOGY EXPERIMENTS
 ∞ STRUCTURES

LARGE SPACE TELESCOPE

USE HUBBLE SPACE TELESCOPE

LARGOS SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
LARGOS SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
LARGOS SATELLITE
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE

LARMOR PRECESSION

GS GYRATION
PRECESSION
LARMOR PRECESSION
RT CYCLOTRON FREQUENCY
CYCLOTRON RADIATION

LARMOR RADIUS

GS DIMENSIONS
RADII
LARMOR RADIUS
RT CYCLOTRON RADIATION
GYROMAGNETISM
PLASMA PHYSICS
PRECESSION

LARVAE

GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
LARVAE
BOLLWORMS
SILKWORMS
RT INFESTATION
PUPA
WORMS

LARYNX

GS LARYNX
GLOTTIS
RT CARTILAGE
VOCAL CORDS

LASER ALTIMETERS

GS NAVIGATION AIDS
LASER ALTIMETERS
SPACECRAFT INSTRUMENTS
LASER ALTIMETERS
RT ALTITUDE CONTROL
 ∞ INSTRUMENTS
LASERS
OPTICAL RADAR

LASER ANEMOMETERS

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
LASER ANEMOMETERS
RT FLOW VELOCITY

LASER ANNEALING

GS HEAT TREATMENT
ANNEALING
LASER ANNEALING
RT HEATING
LASER CUTTING
LASERS
NORMALIZING (HEAT TREATMENT)
RECRYSTALLIZATION
TEMPERING

LASER APPLICATIONS

GS UTILIZATION
LASER APPLICATIONS
LASER CUTTING
LASER FUSION
RT AIRBORNE LASERS

LASER APPLICATIONS-(CONT)

DATA TRANSMISSION
HOLE BURNING
LASER HEATING
LASERS
METAL WORKING
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
OPTICAL RELAY SYSTEMS
PLASMA DYNAMIC LASERS
PRODUCTION ENGINEERING
RAPID BALLISTICS IDENTIFICATION
SPACEBORNE LASERS
TECHNOLOGY UTILIZATION
ULTRASHORT PULSED LASERS

LASER BEAM DEFOCUSING

USE THERMAL BLOOMING

LASER CAVITIES

UF OPTICAL GENERATORS
RT AMPLIFIERS
LASER STABILITY
LASERS
LIGHT AMPLIFIERS
 ∞ OPTICS
PULSE GENERATORS
SEMICONDUCTOR LASERS
SOLID STATE DEVICES
SOLID STATE LASERS
STIMULATED EMISSION DEVICES

LASER COMMUNICATION

USE OPTICAL COMMUNICATION

LASER CUTTING

GS CUTTING
LASER CUTTING
UTILIZATION
LASER APPLICATIONS
LASER CUTTING
RT BLANKING (CUTTING)
CUTTERS
FOCUSING
FORMING TECHNIQUES
LASER ANNEALING
LASER DRILLING
LASER HEATING
LASER OUTPUTS
LASER TARGET INTERACTIONS
MACHINING
 ∞ MATERIALS SCIENCE
METAL CUTTING
SPLITTING
THERMAL BLOOMING

LASER DAMAGE

GS DAMAGE
RADIATION DAMAGE
LASER DAMAGE
RADIATION EFFECTS
LASER DAMAGE
RT BURNS (INJURIES)
PULSED RADIATION
RADIATION HAZARDS

LASER DOPPLER VELOCIMETERS

GS MEASURING INSTRUMENTS
LASER DOPPLER VELOCIMETERS
OPTICAL EQUIPMENT
LASER DOPPLER VELOCIMETERS
RT FLOW MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
VELOCITY MEASUREMENT

LASER DRILLING

GS DRILLING
LASER DRILLING
RT FOCUSING
LASER CUTTING

LASER FUSION

GS UTILIZATION
LASER APPLICATIONS
LASER FUSION
RT ∞ FUSION
GLASS LASERS
HIGH POWER LASERS
INERTIAL FUSION (REACTOR)
NOVA LASER SYSTEM
PLASMAS (PHYSICS)
SHIVA LASER SYSTEM

LASER GEODYNAMIC SATELLITE

LASER GEODYNAMIC SATELLITE
USE LAGEOS (SATELLITE)

LASER GUIDANCE
GS GUIDANCE (MOTION)
TERMINAL GUIDANCE
LASER GUIDANCE
RT COMPUTER PROGRAMS
HOMING DEVICES
IMPACT PREDICTION
MISSILE CONTROL

LASER GYROSCOPES
GS GYROSCOPES
LASER GYROSCOPES
RT LARGE SPACE STRUCTURES
OPTICAL GYROSCOPES
SAGNAC EFFECT
∞ SENSORS
SPACECRAFT GUIDANCE
STABILIZATION

LASER HEATING
GS HEATING
LASER HEATING
RT HEAT SOURCES
LASER APPLICATIONS
LASER CUTTING
PULSE HEATING
PULSED LASERS
THERMAL BLOOMING
YAG LASERS

LASER INTERFEROMETRY
GS INTERFEROMETRY
LASER INTERFEROMETRY
RT SAGNAC EFFECT

LASER MATERIALS
RT ∞ MATERIALS
METAL VAPOR LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
YAG LASERS

LASER MICROSCOPY
GS MICROSCOPY
LASER MICROSCOPY
RT ELECTRO-OPTICS
LIGHT AMPLIFIERS
METAL VAPOR LASERS
MICROELECTRONICS

LASER MODE LOCKING
GS LOCKING
LASER MODE LOCKING
RT INJECTION LOCKING
LASERS
OPTICAL COUPLING

LASER MODES
GS MODES
LASER MODES
RT AXIAL MODES
HELIUM-NEON LASERS
LASER STABILITY
OPTICAL RESONATORS
TEA LASERS
WAVEGUIDE LASERS
WAVELENGTHS

LASER OUTPUTS
GS OUTPUT
LASER OUTPUTS
RT ATMOSPHERIC LASERS
∞ COHERENCE
COHERENT LIGHT
DISTRIBUTED FEEDBACK LASERS
DYE LASERS
EXCIMER LASERS
GASDYNAMIC LASERS
GLASS LASERS
HELIUM-NEON LASERS
HIGH POWER LASERS
HOLOGRAPHIC INTERFEROMETRY
LASER CUTTING
LASER STABILITY
MASER OUTPUTS
NOVA LASER SYSTEM
OPTICAL RESONATORS
OPTICAL WAVEGUIDES
PHASE MATCHING
PHOTON BEAMS
PICOSECOND PULSES

LASER OUTPUTS-(CONT)
PULSE DURATION
QUANTUM EFFICIENCY
RADIANT FLUX DENSITY
SHIVA LASER SYSTEM
SPECKLE PATTERNS
THERMAL BLOOMING
TUBE LASERS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS
VOLUMETRIC EFFICIENCY
WAVEGUIDE LASERS
WAVELENGTHS
X RAY LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
YAG LASERS

LASER PLASMA INTERACTIONS
GS ELECTROMAGNETIC INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
LASER PLASMA INTERACTIONS
PLASMA INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
LASER PLASMA INTERACTIONS
RT BACKSCATTERING
GLASS LASERS
∞ INTERACTIONS
PLASMAS (PHYSICS)
THETA PINCH

LASER PLASMAS
SN (EXCLUDES LASER OUTPUTS)
GS GASES
IONIZED GASES
CHARGED PARTICLES
LASER PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
LASER PLASMAS
RT INERTIAL FUSION (REACTOR)
LASERS

LASER PROPULSION
GS PROPULSION
ELECTRIC PROPULSION
LASER PROPULSION
RT AIRCRAFT ENGINES
HYBRID PROPULSION
OPTICAL PUMPING
PROPULSION SYSTEM CONFIGURATIONS
PROPULSIVE EFFICIENCY
RANKINE CYCLE
ROCKET ENGINES
SPACECRAFT PROPULSION
THERMODYNAMIC CYCLES

LASER PUMPING
GS OPTICAL PUMPING
LASER PUMPING
RT LASERS
∞ PUMPING
RARE GAS-HALIDE LASERS
SOLAR-PUMPED LASERS
STIMULATED EMISSION DEVICES
WIGGLER MAGNETS

LASER RADAR
USE OPTICAL RADAR

LASER RANGE FINDERS
GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
RANGE FINDERS
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
RT LAGEOS (SATELLITE)
LUNAR RANGEFINDING
LUNAR RETROREFLECTORS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS

LASER RANGER/TRACKER
RT AIRBORNE LASERS
RANGE FINDERS
RANGEFINDING
TRACKING (POSITION)

LASER SPECTROMETERS
GS MEASURING INSTRUMENTS
SPECTROMETERS

NASA THESAURUS (VOLUME 1)

LASER SPECTROMETERS-(CONT)
LASER SPECTROMETERS
RT ABSORPTION SPECTRA
INFRARED SPECTROSCOPY
LASER SPECTROSCOPY

LASER SPECTROSCOPY
GS SPECTROSCOPY
OPTICAL EMISSION SPECTROSCOPY
LASER SPECTROSCOPY
RT LASER SPECTROMETERS
SPECTROSCOPIC ANALYSIS
SPECTRUM ANALYSIS

LASER STABILITY
RT CONTINUOUS WAVE LASERS
FREQUENCY STABILITY
LASER CAVITIES
LASER MODES
LASER OUTPUTS

LASER TARGET DESIGNATORS
RT ∞ DETECTORS
MISSILE TRACKING
SATELLITE TRACKING
TARGET RECOGNITION
TARGETS

LASER TARGET INTERACTIONS
RT ∞ INTERACTIONS
LASER CUTTING
LASERS
PULSED LASERS
TARGETS

LASER TARGETS
GS TARGETS
LASER TARGETS
RT GLASS LASERS
LASERS

LASER WEAPONS
GS WEAPON SYSTEMS
LASER WEAPONS
WEAPONS
SPACE WEAPONS
LASER WEAPONS
RT FUSION WEAPONS
LASERS
MILITARY TECHNOLOGY
STIMULATED EMISSION DEVICES

LASER WELDING
GS WELDING
LASER WELDING
FUSION WELDING
GAS WELDING
BRAZING
LOW TEMPERATURE BRAZING
RT BONDING
HEATING
PULSED LASERS
SOLDERING

LASER WINDOWS
GS WINDOWS (INTERVALS)
LASER WINDOWS
RT BANDWIDTH
ENERGY BANDS
LASERS

LASERS
UF FABRY-PEROT LASERS
NATURAL LASERS
OPTICAL MASERS
GS STIMULATED EMISSION DEVICES

LASERS
AIRBORNE LASERS
ARGON LASERS
ATMOSPHERIC LASERS
CARBON LASERS
CHEMICAL LASERS
HCL LASERS
CONTINUOUS WAVE LASERS
DISTRIBUTED FEEDBACK LASERS
FREE ELECTRON LASERS
GAMMA RAY LASERS
GAS LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
DF LASERS
EXCIMER LASERS
HCL LASERS
HCL ARGON LASERS

LASERS-(CONT)

HCN LASERS
 HELIUM-NEON LASERS
 HF LASERS
 KRYPTON FLUORIDE LASERS
 NITROGEN LASERS
 TEA LASERS
 ULTRAVIOLET LASERS
 XENON CHLORIDE LASERS
 XENON FLUORIDE LASERS
 GASDYNAMIC LASERS
 GLASS LASERS
 HIGH POWER LASERS
 NOVA LASER SYSTEM
 SHIVA LASER SYSTEM
 INFRARED LASERS
 INJECTION LASERS
 IODINE LASERS
 LIQUID LASERS
 METAL VAPOR LASERS
 NEODYMIUM LASERS
 NUCLEAR PUMPED LASERS
 ORGANIC LASERS
 DYE LASERS
 PLASMADYNAMIC LASERS
 PULSED LASERS
 Q SWITCHED LASERS
 ULTRASHORT PULSED LASERS
 ULTRAVIOLET LASERS
 RAMAN LASERS
 RARE GAS-HALIDE LASERS
 KRYPTON FLUORIDE LASERS
 XENON CHLORIDE LASERS
 XENON FLUORIDE LASERS
 RING LASERS
 SEMICONDUCTOR LASERS
 GALLIUM ARSENIDE LASERS
 SOLAR-PUMPED LASERS
 SOLID STATE LASERS
 GALLIUM ARSENIDE LASERS
 RUBY LASERS
 YAG LASERS
 SPACEBORNE LASERS
 TUNABLE LASERS
 TWO-WAVELENGTH LASERS
 WAVEGUIDE LASERS
 X RAY LASERS

RT ALKALI VAPOR LAMPS
 AMPLIFIERS
 BEAM SWITCHING
 ∞ COHERENCE
 COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT LIGHT
 ELECTRON PUMPING
 GARNETS
 HOLE BURNING
 HOLOGRAPHY
 INFRARED WINDOWS
 INTERPLANETARY COMMUNICATION
 INTERSTELLAR MASERS
 KERR ELECTROOPTICAL EFFECT
 LASER ALTIMETERS
 LASER ANNEALING
 LASER APPLICATIONS
 LASER CAVITIES
 LASER MODE LOCKING
 LASER PLASMAS
 LASER PUMPING
 LASER TARGET INTERACTIONS
 LASER TARGETS
 LASER WEAPONS
 LASER WINDOWS
 LASING
 LIGHT AMPLIFIERS
 LIGHT BEAMS
 LIGHT MODULATION
 LIGHT SOURCES
 LIGHT TRANSMISSION
 LUNAR COMMUNICATION
 MASERS
 MICROBALLOONS
 MOLECULAR OSCILLATORS
 NUCLEAR PUMPING
 OPTICAL COMMUNICATION
 OPTICAL DATA PROCESSING
 OPTICAL MEMORY (DATA STORAGE)
 OPTICAL PUMPING
 ∞ OPTICS
 PHASE MATCHING
 PHOTODIODES
 PHOTONICS
 POWER TRANSMISSION (LASERS)
 PULSE GENERATORS
 PULSED RADIATION
 QUANTUM AMPLIFIERS

LASERS-(CONT)

QUANTUM ELECTRONICS
 RAPID BALLISTICS IDENTIFICATION
 SENARMONT POLARISCOPE
 SOLID STATE DEVICES
 SPACE COMMUNICATION
 STIMULATED EMISSION
 THERMAL BLOOMING
 THRESHOLD CURRENTS
 TRANSIENT OSCILLATIONS
 TRAVELING WAVE MODULATION

LASING

RT DISTRIBUTED FEEDBACK LASERS
 ELECTRON TRANSITIONS
 EXCIMER LASERS
 HOLE BURNING
 KRYPTON FLUORIDE LASERS
 LASERS
 NITROGEN LASERS
 OPTICAL TRANSITION
 RARE GAS-HALIDE LASERS
 STIMULATED EMISSION DEVICES

LASV

USE F 111 AIRCRAFT

LATCH-UP

RT CMOS
 ELECTRICAL IMPEDANCE
 INTEGRATED CIRCUITS
 P-N-P-N JUNCTIONS
 SWITCHING CIRCUITS

LATCHES

RT FASTENERS
 HOLDERS
 LINKAGES
 PINS

LATE STARS

GS CELESTIAL BODIES
 STARS
 LATE STARS
 RT COOL STARS
 DWARF STARS
 EARLY STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 RED DWARF STARS
 RED GIANT STARS
 STELLAR EVOLUTION
 SUBGIANT STARS

LATENESS

RT DELAY
 SCHEDULING

LATENT HEAT OF FUSION

USE HEAT OF FUSION

LATERAL CONTROL

UF LATERALIZATION
 ROLL CONTROL
 GS ATTITUDE CONTROL
 LATERAL CONTROL
 RT AILERONS
 AIRCRAFT CONTROL
 ALTITUDE CONTROL
 AUTOMATIC CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 ELEVONS
 HELICOPTER CONTROL
 LONGITUDINAL CONTROL
 MANUAL CONTROL
 MISSILE CONTROL
 ROLL
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL

LATERAL OSCILLATION

UF SNAKING
 RT DIRECTIONAL STABILITY
 ROLL
 STABILITY AUGMENTATION
 TRANSVERSE OSCILLATION
 TURNING FLIGHT
 YAW
 YAWING MOMENTS

LATERAL STABILITY

UF DIHEDRAL EFFECT
 LATERALITY

LATERAL STABILITY-(CONT)

GS DYNAMIC CHARACTERISTICS
 DYNAMIC STABILITY
 MOTION STABILITY
 ATTITUDE STABILITY
 LATERAL STABILITY
 STABILITY
 DYNAMIC STABILITY
 MOTION STABILITY
 ATTITUDE STABILITY
 LATERAL STABILITY
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 DIHEDRAL ANGLE
 DIRECTIONAL STABILITY
 FLOW STABILITY
 HANDEDNESS
 HOVERING STABILITY
 LONGITUDINAL STABILITY
 ROLL
 ROLLING MOMENTS
 ROTARY STABILITY
 SPACECRAFT STABILITY
 TURNING FLIGHT
 VERTICAL ORIENTATION

LATERALITY

USE LATERAL STABILITY

LATERALIZATION

USE LATERAL CONTROL

LATERITES

GS SOILS
 LATERITES
 RT DECOMPOSITION
 ROCKS
 TROPICAL REGIONS
 WATER

LATEX

GS RUBBER
 LATEX
 RT ACRYLIC RESINS
 ELASTOMERS
 SYNTHETIC RUBBERS

LATHES

GS TOOLS
 MACHINE TOOLS
 LATHES
 TURRET LATHES
 RT ∞ CONSTRUCTION MATERIALS
 GRINDING MACHINES

LATIN SQUARE METHOD

RT ∞ MATHEMATICS
 ∞ METHODOLOGY
 ∞ VARIABLE

LATITUDE

GS LATITUDE
 GEOMAGNETIC LATITUDE
 RT COORDINATES
 GEODETIC COORDINATES
 LONGITUDE
 POSITION (LOCATION)

LATITUDE MEASUREMENT

RT LONGITUDE MEASUREMENT
 ∞ MEASUREMENT
 NAVIGATION
 POSITIONING

LATTICE IMPERFECTIONS

USE CRYSTAL DEFECTS

LATTICE PARAMETERS

GS INDEPENDENT VARIABLES
 LATTICE PARAMETERS
 RT CRYSTAL LATTICES
 CRYSTALLOGRAPHY
 PATTERSON MAP
 SUPERLATTICES
 X RAY ANALYSIS

LATTICE VIBRATIONS

GS VIBRATION
 LATTICE VIBRATIONS
 RT CRYSTAL DEFECTS
 CRYSTAL LATTICES
 FORBIDDEN BANDS
 PARTICLE MOTION
 PHONONS

LATTICES

LATTICE VIBRATIONS-(CONT)

RANDOM VIBRATION
SPIN-LATTICE RELAXATION
THERMAL ENERGY

∞ LATTICES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT CRYSTAL LATTICES
LATTICES (MATHEMATICS)

LATTICES (MATHEMATICS)

UF SUBLATTICES
GS MATHEMATICAL LOGIC
LATTICES (MATHEMATICS)
BOOLEAN ALGEBRA
BOOLEAN FUNCTIONS

RT COMMUNICATION THEORY
KAKUTANI THEOREM

∞ LATTICES
∞ MATHEMATICS
∞ MATRICES
SET THEORY

LATVIA

RT BALTIC SEA
EUROPE
NATIONS

LAUE METHOD

GS X RAY ANALYSIS
LAUE METHOD
RT CRYSTAL LATTICES
CRYSTALLOGRAPHY
DIFFRACTION
∞ METHODOLOGY
X RAY DIFFRACTION

LAUGHING

RT EMOTIONS
HUMAN REACTIONS

LAUNCH COMPLEXES

USE LAUNCHING BASES

LAUNCH DATES

RT LAUNCHING
SPACECRAFT LAUNCHING
TIME
TURNAROUND (STS)

LAUNCH ESCAPE SYSTEMS

UF LES (ESCAPE SYSTEMS)
GS ESCAPE SYSTEMS
LAUNCH ESCAPE SYSTEMS
RT ESCAPE CAPSULES
ESCAPE ROCKETS
∞ SYSTEMS

LAUNCH TIME

USE LAUNCH WINDOWS

LAUNCH VEHICLE CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
∞ CONFIGURATIONS
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RECOVERABLE LAUNCH VEHICLES
SPACECRAFT CONFIGURATIONS

LAUNCH VEHICLES

UF CARRIER ROCKETS
GS LAUNCH VEHICLES
ABLESTAR LAUNCH VEHICLE
ARIANE LAUNCH VEHICLE
ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLE
ATLAS SLV-3 LAUNCH VEHICLE
BLUE SCOUT ROCKET VEHICLE
BLUE STREAK LAUNCH VEHICLE
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
DELTA LAUNCH VEHICLE
DIAMANT LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE
EUROPA 2 LAUNCH VEHICLE
EUROPA 3 LAUNCH VEHICLE
EUROPA 4 LAUNCH VEHICLE

LAUNCH VEHICLES-(CONT)

HEAVY LIFT LAUNCH VEHICLES
HYLA-STAR ROCKET VEHICLE
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
NOMAD LAUNCH VEHICLE
NOVA LAUNCH VEHICLES
RAM B LAUNCH VEHICLE
RECOVERABLE LAUNCH VEHICLES
REUSABLE LAUNCH VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH VEHICLE
SATURN 1B LAUNCH VEHICLES
SATURN 2 LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SCOUT LAUNCH VEHICLE
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE 5
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN CENTAUR LAUNCH VEHICLE
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
VANGUARD 2 LAUNCH VEHICLE
VEGA LAUNCH VEHICLE

RT AEROSPACEPLANES

ASTROPLANE
BOOSTER ROCKET ENGINES
∞ BOOSTER ROCKETS
∞ BOOSTERS
CENTAUR PROJECT
FLIGHT TEST VEHICLES
JUPITER C ROCKET VEHICLE
JUPITER PROJECT
LANDING MODULES
LAUNCHERS
LAUNCHING
MISSILE LAUNCHERS
MISSILES
MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET LAUNCHERS
ROCKET LAUNCHING
ROCKET VEHICLES
∞ ROCKETS
SATURN PROJECT
SCOUT PROJECT
SPACE PROCESSING APPLICATIONS
ROCKET
∞ SPACECRAFT
SPACECRAFT LAUNCHING
SUSTAINER ROCKET ENGINES
TEST VEHICLES
TITAN PROJECT
∞ VEHICLES
VERNIER ENGINES
∞ WINGED VEHICLES

LAUNCH WINDOWS

UF LAUNCH TIME
GS WINDOWS (INTERVALS)
LAUNCH WINDOWS
RT LAUNCHING
ROCKET LAUNCHING
SPACECRAFT LAUNCHING

LAUNCHERS

UF LAUNCHING DEVICES
GS LAUNCHERS
AIRCRAFT LAUNCHING DEVICES
JATO ENGINES

NASA THESAURUS (VOLUME 1)

LAUNCHERS-(CONT)

CATAPULTS
ROCKET CATAPULTS
GUN LAUNCHERS
HYPERVELOCITY LAUNCHERS
MISSILE LAUNCHERS
MOBILE MISSILE LAUNCHERS
ROCKET LAUNCHERS
ROCKET CATAPULTS
RT LAUNCH VEHICLES
LAUNCHING
LAUNCHING PADS
LAUNCHING SITES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET LAUNCHING
TITAN PROJECT

LAUNCHING

GS LAUNCHING
AIR LAUNCHING
ROCKET LAUNCHING
LUNAR LAUNCH
ORBITAL LAUNCHING
SEA LAUNCHING
SPACECRAFT LAUNCHING
RT COUNTDOWN
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHERS
MISSILE LAUNCHERS
NATIONAL LAUNCH VEHICLE PROGRAM
PRELAUNCH TESTS
ROCKET LAUNCHERS
∞ SHOT
STARTING
TITAN PROJECT

LAUNCHING BASES

UF LAUNCH COMPLEXES
GS LAUNCHING BASES
CAPE KENNEDY LAUNCH COMPLEX
RT ∞ FACILITIES
GROUND SUPPORT EQUIPMENT

LAUNCHING DEVICES

USE LAUNCHERS

LAUNCHING PADS

GS SITES
LAUNCHING SITES
LAUNCHING PADS
RT FLAME DEFLECTORS
GANTRY CRANES
GROUND SUPPORT EQUIPMENT
LAUNCHERS
∞ PAD
∞ PLATFORMS
SPACECRAFT LAUNCHING
UMBILICAL TOWERS

LAUNCHING SITES

GS SITES
LAUNCHING SITES
LAUNCHING PADS
RT GANTRY CRANES
GROUND SUPPORT EQUIPMENT
LAUNCHERS
MISSILE LAUNCHERS
MISSILE SILOS
MISSILES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET LAUNCHERS

LAVA

GS EFFUSIVES
LAVA
RT AGGREGATES
CALDERAS
CONES (VOLCANOES)
EARTH RESOURCES
IGNEOUS ROCKS
MAGMA
MARIA
MARS VOLCANOES
MINERALS
REGOLITH
ROCKS
SOILS
VOLCANOES
VOLCANOLOGY

LAVAL NUMBER
GS RATIOS

LAVAL NUMBER-(CONT)
 DIMENSIONLESS NUMBERS
 LAVAL NUMBER

LAW
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)

RT CLAIMING
 LAW (JURISPRUDENCE)
 LAWS

LAW (JURISPRUDENCE)
 UF FORENSIC SCIENCES
 GS **LAW (JURISPRUDENCE)**
 INTERNATIONAL LAW
 AIR LAW
 SEA LAW
 SPACE LAW
 PUBLIC LAW
 LIABILITIES
 LEGAL LIABILITY
 PENALTIES
 RT CONSTITUTION
 CRIME
 ∞ LAW
 POLITICS
 REGULATIONS
 VOTING

LAWRENCIUM
 GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
LAWRENCIUM
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
LAWRENCIUM
 HEAVY ELEMENTS
 TRANSURANIUM ELEMENTS
LAWRENCIUM
 METALS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
LAWRENCIUM

LAWS
 GS **LAWS**
 CHILD-LANGMUIR LAW
 CLOSURE LAW
 COFFIN MANSON LAW
 CONSERVATION LAWS
 FOURIER LAW
 HOOKES LAW
 KEPLER LAWS
 NEWTON PRESSURE LAW
 NEWTON SECOND LAW
 NEWTON-BUSEMANN LAW
 OHMS LAW
 RADIATION LAWS
 KIRCHHOFF LAW OF RADIATION
 STEFAN-BOLTZMANN LAW
 STOKES LAW OF RADIATION
 SCALING LAWS
 SIMILITUDE LAW
 SNELLS LAW
 TAFEL LAW
 WEBER-FECHNER LAW
 RT ∞ LAW
 RULES
 ∞ STOKES LAW

LAY-UP
 RT CARBON FIBER REINFORCED PLASTICS
 COMPOSITE MATERIALS
 COMPOSITE STRUCTURES
 EPOXY RESINS
 FIBER ORIENTATION
 LAMINATES
 REINFORCING FIBERS

LAYERS
 SN (USE OF A MORE SPECIFIC TERM
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)

UF LAMINA
 PLIES

RT ANTICLINES
 ATMOSPHERIC BOUNDARY LAYER
 BARRIER LAYERS
 BOUNDARY LAYERS
 COATINGS
 DEEP SCATTERING LAYERS

LAYERS-(CONT)
 EKMAN LAYER
 FLAT LAYERS
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOSYNCLINES
 INTERCALATION
 INTERLAYERS
 IONOSPHERE
 LAMINATES
 MEMBRANES
 MONOMOLECULAR FILMS
 MULTILAYER INSULATION
 PLASMA LAYERS
 PLY ORIENTATION
 REGIONS
 SEDIMENTARY ROCKS
 SHEAR LAYERS
 SHOCK LAYERS
 STRATA
 STRATIFICATION
 SUBSTRATES
 SURFACE LAYERS
 SYNCLINES
 THREE DIMENSIONAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

LAYOUTS
 RT BLUEPRINTS
 CIRCUIT DIAGRAMS
 CONSTRUCTION
 DESCRIPTIVE GEOMETRY
 ∞ DESIGN
 ∞ DRAWING
 DRAWINGS
 ENGINEERING DRAWINGS
 MODELS
 ∞ PLANS
 SURVEYS

LAZAREV METEORITE
 GS CELESTIAL BODIES
 METEORITES
LAZAREV METEORITE
 RT IRON METEORITES
 STONY METEORITES

LC CIRCUITS
 GS CIRCUITS
LC CIRCUITS
 RT INDUCTANCE
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 PARAMETRIC AMPLIFIERS
 RC CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 TIME CONSTANT

LCRE REACTOR
 USE LITHIUM COOLED REACTOR
 EXPERIMENT

LDEF
 USE LONG DURATION EXPOSURE FACILITY

LEACHING
 RT AUTOCLAVING
 BENEFICIATION
 DISSOLVING
 ELUTION
 EXTRACTION
 FLUSHING
 HYDROMETALLURGY
 PERCOLATION
 PERMEABILITY
 ∞ SEPARATION

LEAD (METAL)
 GS CHEMICAL ELEMENTS
LEAD (METAL)
 LEAD ISOTOPES
 METALS
LEAD (METAL)
 LEAD ISOTOPES

LEAD ACETATES
 GS ACETATES
LEAD ACETATES
 ESTERS
LEAD ACETATES
 LEAD COMPOUNDS
LEAD ACETATES
 LEAD ORGANIC COMPOUNDS
LEAD ACETATES

LEAD ACID BATTERIES
 GS ELECTROCHEMICAL CELLS
 ELECTRIC BATTERIES
 STORAGE BATTERIES
LEAD ACID BATTERIES
 RT CHEMICAL AUXILIARY POWER UNITS
 ∞ ELECTRIC CELLS
 ELECTROLYTIC CELLS
 ENERGY STORAGE
 NICKEL IRON BATTERIES
 ∞ POWER SUPPLIES

LEAD ALLOYS
 GS ALLOYS
LEAD ALLOYS
 RT BEARING ALLOYS
 SOLDERS

LEAD CHLORIDES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
LEAD CHLORIDES
 HALIDES
 CHLORIDES
LEAD CHLORIDES
 METAL HALIDES
LEAD CHLORIDES
 LEAD COMPOUNDS
LEAD CHLORIDES

LEAD COMPOUNDS
 UF PLUMBANE
 GS **LEAD COMPOUNDS**
 LEAD ACETATES
 LEAD CHLORIDES
 LEAD MOLYBDATES
 LEAD OXIDES
 LEAD SELENIDES
 LEAD SULFIDES
 LEAD TELLURIDES
 LEAD TITANATES
 LEAD TUNGSTATES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ METAL COMPOUNDS

LEAD ISOTOPES
 GS CHEMICAL ELEMENTS
 LEAD (METAL)
LEAD ISOTOPES
 NUCLIDES
 ISOTOPES
LEAD ISOTOPES
 METALS
 LEAD (METAL)
LEAD ISOTOPES

LEAD MOLYBDATES
 GS LEAD COMPOUNDS
LEAD MOLYBDATES
 MOLYBDENUM COMPOUNDS
LEAD MOLYBDATES

LEAD ORGANIC COMPOUNDS
 GS **LEAD ORGANIC COMPOUNDS**
 LEAD ACETATES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

LEAD OXIDES
 GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
LEAD OXIDES
 LEAD COMPOUNDS
LEAD OXIDES

LEAD POISONING
 GS DISEASES
 TOXIC DISEASES
LEAD POISONING
 TOXICITY
LEAD POISONING
 RT ∞ POISONING
 SMOG

LEAD SELENIDES
 GS CHALCOGENIDES
 SELENIDES
LEAD SELENIDES
 LEAD COMPOUNDS
LEAD SELENIDES
 SELENIUM COMPOUNDS

LEAD SULFIDES

LEAD SELENIDES-(CONT)

SELENIDES
LEAD SELENIDES

LEAD SULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
LEAD SULFIDES
LEAD COMPOUNDS
LEAD SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
LEAD SULFIDES

LEAD TELLURIDES

GS CHALCOGENIDES
TELLURIDES
LEAD TELLURIDES
LEAD COMPOUNDS
LEAD TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
LEAD TELLURIDES

LEAD TITANATES

GS LEAD COMPOUNDS
LEAD TITANATES
TITANIUM COMPOUNDS
TITANATES
LEAD TITANATES

LEAD TUNGSTATES

GS LEAD COMPOUNDS
LEAD TUNGSTATES
TUNGSTEN COMPOUNDS
TUNGSTATES
LEAD TUNGSTATES

LEAD ZIRCONATE TITANATES

GS TITANIUM COMPOUNDS
TITANATES
PIEZOELECTRIC CERAMICS
LEAD ZIRCONATE TITANATES

LEADERSHIP

RT MORALE
PERSONNEL MANAGEMENT

LEADING EDGE FLAPS

GS CONTROL SURFACES
FLAPS (CONTROL SURFACES)
WING FLAPS
LEADING EDGE FLAPS
RT AIRCRAFT STRUCTURES
AIRFOILS
TRAILING-EDGE FLAPS
VORTEX FLAPS
∞ WINGED VEHICLES
WINGS

LEADING EDGE SLATS

UF WING SLATS
GS AIRFOILS
FLAPS (CONTROL SURFACES)
WING FLAPS
LEADING EDGE SLATS
BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
WING FLAPS
LEADING EDGE SLATS
AIRCRAFT BRAKES
WING FLAPS
LEADING EDGE SLATS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
WING FLAPS
LEADING EDGE SLATS
DRAG DEVICES
AERODYNAMIC BRAKES
WING FLAPS
LEADING EDGE SLATS
RT BOUNDARY LAYER CONTROL
SPLIT FLAPS
SPOILERS
TRAILING EDGE FLAPS
WING SLOTS

LEADING EDGE SWEEP

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
SWEEP ANGLE

LEADING EDGE SWEEP-(CONT)

SWEEPBACK
LEADING EDGE SWEEP

LEADING EDGE THRUST

GS THRUST
LEADING EDGE THRUST
RT AERODYNAMIC FORCES
AIRFOILS
LEADING EDGES
LIFT
WING LOADING

LEADING EDGES

GS EDGES
LEADING EDGES
SHARP LEADING EDGES
RT AIRFOILS
FOREBODIES
LEADING EDGE THRUST
THRUST DISTRIBUTION
TRAILING EDGES
VORTEX FLAPS

LEAKAGE

RT CAVITIES
CRACKS
DEFECTS
∞ ESCAPE
FLUID FLOW
INTRUSION
LABYRINTH SEALS
LOSS OF COOLANT
LOSSES
PERMEABILITY
PINHOLES
POROSITY
∞ REDUCTION
SEEPAGE
WASTES

LEAR JET AIRCRAFT

GS COMMERCIAL AIRCRAFT
LEAR JET AIRCRAFT
JET AIRCRAFT
LEAR JET AIRCRAFT
RT ∞ AIRCRAFT

LEARNING

GS LEARNING
ASTRONAUT TRAINING
CONDITIONING (LEARNING)
HABITUATION (LEARNING)
MAZE LEARNING
TRANSFER OF TRAINING
RT ACHIEVEMENT
APTITUDE
BEHAVIOR
CHILD DEVICE
DECONDITIONING
EDUCATION
EDUCATIONAL TELEVISION
HABITS
INSTRUCTORS
KNOWLEDGE
MEMORY
MOTIVATION
REINFORCEMENT (PSYCHOLOGY)
RESPONSES
RETENTION (PSYCHOLOGY)
STUDENTS
TEACHING MACHINES
TEXTBOOKS
TRAINING ANALYSIS
TRAINING EVALUATION
UNIVERSITIES

LEARNING CURVES

RT ASYMPTOTIC METHODS
∞ CURVES

LEARNING MACHINES

UF MACHINE LEARNING
GS AUTOMATIC CONTROL
ADAPTIVE CONTROL
LEARNING MACHINES
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
CYBERNETICS
FEEDBACK CONTROL
∞ MACHINERY
SELF ORGANIZING SYSTEMS
TEACHING MACHINES

NASA THESAURUS (VOLUME 1)

LEARNING THEORY

RT CHILD DEVICE
EDUCATION
PROBLEM SOLVING
∞ THEORIES

LEASING

GS PROCUREMENT
LEASING
RT CONTRACTS
LAND USE
NASA PROGRAMS
RESOURCES MANAGEMENT
SITE SELECTION

LEAST SQUARES METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
LEAST SQUARES METHOD
RT CORRELATION
CURVE FITTING
GAUSS-MARKOV THEOREM
MEAN SQUARE VALUES
∞ METHODOLOGY
OPTIMIZATION
PARAMETER IDENTIFICATION
QUALITY CONTROL
REGRESSION ANALYSIS
SIMULTANEOUS EQUATIONS

LEATHER

GS SKIN (ANATOMY)
LEATHER
RT CLOTHING
COLLAGENS
SHOES

LEAVES

GS PLANTS (BOTANY)
LEAVES
RT BROWN WAVE EFFECT
CANOPIES (VEGETATION)
DECIDUOUS TREES
DEFOLIANTS
DEFOLIATION
FOLIAGE
GREEN WAVE EFFECT
HERBICIDES

LEBANON

GS NATIONS
LEBANON
RT ASIA

LEBESGUE THEOREM

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
LEBESGUE THEOREM
THEOREMS
LEBESGUE THEOREM
RT SET THEORY

LECTURES

UF SPEECHES
RT EDUCATION
PUBLIC SPEAKING
SPEECH
VERBAL COMMUNICATION

LED (DIODES)

USE LIGHT EMITTING DIODES

LEDGES

RT CLIFFS
ROCKS
TOPOGRAPHY

LEE WAVES

RT AIR CURRENTS
BAROTROPIC FLOW
SURFACE WAVES
TROPOSPHERIC WAVES
VERTICAL AIR CURRENTS

LEG (ANATOMY)

GS ANATOMY
LIMBS (ANATOMY)
LEG (ANATOMY)
FEET (ANATOMY)
KNEE (ANATOMY)
APPENDAGES
LEG (ANATOMY)

LEG (ANATOMY)-(CONT)

RT KNEE (ANATOMY)
FEET (ANATOMY)
FEMUR
THIGH
TIBIA

LEGAL LIABILITY

GS LAW (JURISPRUDENCE)
PUBLIC LAW
LIABILITIES
LEGAL LIABILITY
RT AIR LAW
CONTRACTS
INTERNATIONAL LAW
JUDGMENTS
LOSSES
PENALTIES
PROHIBITION

LEGENDRE CODE

USE COMPUTER PROGRAMMING
NEUTRON SCATTERING

LEGENDRE FUNCTIONS

UF LEGENDRE POLYNOMIALS
LEGENDRE TRANSFORMATION
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
LEGENDRE FUNCTIONS
FUNCTIONS (MATHEMATICS)
LEGENDRE FUNCTIONS
RT ORTHOGONAL FUNCTIONS
SPHERICAL HARMONICS

LEGENDRE POLYNOMIALS

USE LEGENDRE FUNCTIONS

LEGENDRE TRANSFORMATION

USE LEGENDRE FUNCTIONS

LEGIBILITY

RT CHARACTER RECOGNITION
CONTRAST
PERCEPTION
PRINTING
READING
RESOLUTION
SYMBOLS
VISIBILITY
VISION

LEGUMINOUS PLANTS

GS FARM CROPS
LEGUMINOUS PLANTS
RT AGRICULTURE
BOTANY
EARTH RESOURCES
FOOD
HAY
NITROGENATION
NODULES
VEGETABLES

LEIDENFROST PHENOMENON

GS PHASE TRANSFORMATIONS
VAPORIZING
BOILING
NUCLEATE BOILING
LEIDENFROST PHENOMENON
RT FILM BOILING
HEAT TRANSFER

LEM (LUNAR MODULE)

USE LUNAR MODULE

LEMMAS

USE THEOREMS

LENGTH

GS DIMENSIONS
LENGTH
RT DISTANCE
THICKNESS

LENNARD-JONES GAS

RT BINARY FLUIDS
GAS VISCOSITY
LENNARD-JONES POTENTIAL

LENNARD-JONES POTENTIAL

RT COMPUTERIZED SIMULATION
INTERMOLECULAR FORCES
LENNARD-JONES GAS

LENNARD-JONES POTENTIAL-(CONT)

MOLECULAR INTERACTIONS
POTENTIAL THEORY

LENS ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
LENS ANTENNAS
MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
LENS ANTENNAS
RT ANTENNA DESIGN
DIPOLE ANTENNAS
HORN ANTENNAS
LENSES
RADAR ANTENNAS
WAVEGUIDE ANTENNAS
WIRE GRID LENSES

LENS DESIGN

RT ANTIREFLECTION COATINGS
COMPUTER AIDED DESIGN
DESIGN
GRADIENT INDEX OPTICS
LENSES
OPTICAL CORRECTION PROCEDURE
OPTICS
PRODUCT DEVELOPMENT
STIGMATISM
ZOOM LENSES

LENSES

GS LENSES
CONTACT LENSES
FRESNEL LENSES
GRAVITATIONAL LENSES
MAGNETIC LENSES
WIDE ANGLE LENSES
WIRE GRID LENSES
ZOOM LENSES
RT ASTIGMATISM
CAMERAS
CATARACTS
CIRCUMSOLAR TELESCOPES
EYE (ANATOMY)
EYEPIECES
FOCUSING
GRADIENT INDEX OPTICS
INTEGRATED OPTICS
LENS ANTENNAS
LENS DESIGN
MAGNIFICATION
OPTICAL EQUIPMENT
OPTICAL FILTERS
OPTICS
PANORAMIC CAMERAS
PHOTOGRAPHIC EQUIPMENT
REFRACTING TELESCOPES
REFRACTION
RETICLES
STIGMATISM
STREAK CAMERAS
TELESCOPES
VIGNETTING

LENTICULAR BODIES

GS SYMMETRICAL BODIES
LENTICULAR BODIES
RT AXISYMMETRIC BODIES
BODIES
CONVEXITY

LEON-QUERETARO AREA (MEXICO)

RT MEXICO

LEONID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
LEONID METEORIODS
METEORIODS
LEONID METEORIODS

LEPTONS

GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
LEPTONS
ANTINEUTRINOS
MUONS
NEUTRINOS
SOLAR NEUTRINOS
RT CHARGED PARTICLES
CHARM (PARTICLE PHYSICS)
GLUONS
MESONS

LEPTONS-(CONT)

PARTONS
QUANTUM CHROMODYNAMICS
QUARK PARTON MODEL

LES (ESCAPE SYSTEMS)

USE LAUNCH ESCAPE SYSTEMS

LES (SATELLITES)

USE LINCOLN EXPERIMENTAL SATELLITES

LESA (LUNAR EXPLORATION SYSTEM)

USE LUNAR EXPLORATION SYSTEM FOR
APOLLO

LESIONS

GS INJURIES
LESIONS
PULMONARY LESIONS
RT ABRASION
BURNS (INJURIES)
MILIARIA

LESOTHO

GS NATIONS
LESOTHO
RT AFRICA
REPUBLIC OF SOUTH AFRICA

LESSER ANTILLES

GS LANDFORMS
ISLANDS
WEST INDIES
LESSER ANTILLES
RT ATLANTIC OCEAN

LETHALITY

RT CARBON MONOXIDE POISONING
DAMAGE
DESTRUCTION

LETHARGY

RT BOREDOM
DEPRESSION
DETACHMENT
FRUSTRATION
HUMAN BEHAVIOR
INHIBITION
MONOTONY

LETTERS (SYMBOLS)

USE SYMBOLS

LEUCINE

GS ACIDS
AMINO ACIDS
LEUCINE
NORLEUCINE
ORGANIC COMPOUNDS
AMINO ACIDS
LEUCINE
NORLEUCINE

LEUKEMIAS

GS DISEASES
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
RT BONE MARROW

LEUKOCYTES

GS ANATOMY
CARDIOVASCULAR SYSTEM
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
BODY FLUIDS
BLOOD
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
CELLS (BIOLOGY)
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
RT BIOCOMPATIBILITY
ERYTHROCYTES
WHITE BLOOD CELLS

LEUKOPENIA

GS SIGNS AND SYMPTOMS
LEUKOPENIA
RT INFECTIOUS DISEASES

LEVEL

∞ LEVEL	
SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT	CHEMICAL ENERGY FREE ENERGY HEIGHT INTERNAL ENERGY LEVEL (HORIZONTAL) LEVEL (QUANTITY)
LEVEL (HORIZONTAL)	
GS	LEVEL (HORIZONTAL) LIQUID LEVELS
RT	∞ GRADE GRADIENTS ∞ LEVEL SLOPES
LEVEL (QUANTITY)	
GS	LEVEL (QUANTITY) EFFECTIVE PERCEIVED NOISE LEVELS ENERGY LEVELS ATOMIC ENERGY LEVELS ELECTRON STATES GROUND STATE MOLECULAR ENERGY LEVELS INTERMOLECULAR FORCES
RT	AMPLITUDES DISPLACEMENT ∞ FLUX FLUX (RATE) FLUX DENSITY ∞ INTENSITY ∞ LEVEL LOUDNESS MAGNITUDE VALUE
LEVELING	
SN	(EXCLUDES METAL WORKING)
RT	ADJUSTING CONSISTENCY DATUM (ELEVATION) FLATTENING METAL WORKING ∞ ROLLING SMOOTHING WINDING
LEVERS	
RT	CANTILEVER MEMBERS HANDLES KNOBS ∞ MACHINERY MANUAL CONTROL MECHANICAL DEVICES PEDALS
LEVITATION	
GS	LEVITATION ACOUSTIC LEVITATION
RT	BUOYANCY ELECTROSTATIC GYROSCOPES FLOTATION FRICTIONLESS ENVIRONMENTS LEVITATION MELTING MAGNETIC BEARINGS MAGNETIC LEVITATION VEHICLES SUSPENSION SYSTEMS (VEHICLES) VACUUM MELTING
LEVITATION MELTING	
GS	PHASE TRANSFORMATIONS MELTING LEVITATION MELTING
RT	ELECTRIC CURRENT EXTERNAL SURFACE CURRENTS LEVITATION LIQUID METALS LOW GRAVITY MANUFACTURING MAGNETIC SUSPENSION ∞ METALLURGY OHMIC DISSIPATION RESISTANCE HEATING SPACE MANUFACTURING SPACE PROCESSING
LEWIS BASE	
RT	AMINES ELECTRONS
LEWIS NUMBERS	
GS	RATIOS DIMENSIONLESS NUMBERS

LEWIS NUMBERS-(CONT)

LEWIS NUMBERS	
RT	DENSITY (MASS/VOLUME) DIFFUSION COEFFICIENT FLUID FLOW HEAT TRANSFER MASS FLOW MASS TRANSFER SPECIFIC HEAT THERMAL CONDUCTIVITY
LEXAN (TRADEMARK)	
GS	CARBON COMPOUNDS CARBONATES POLYCARBONATES LEXAN (TRADEMARK) ESTERS POLYCARBONATES LEXAN (TRADEMARK)
RT	∞ POLYMERS RESINS
LFO	
USE	LANDSAT FOLLOW-ON MISSIONS
LIABILITIES	
GS	LAW (JURISPRUDENCE) PUBLIC LAW LIABILITIES LEGAL LIABILITY
RT	AIR LAW COMMERCE DISCIPLINING LOSSES PENALTIES REGULATIONS
LIAPUNOV FUNCTIONS	
UF	LYAPUNOV FUNCTIONS
GS	ANALYSIS (MATHEMATICS) REAL VARIABLES LIAPUNOV FUNCTIONS FUNCTIONS (MATHEMATICS) LIAPUNOV FUNCTIONS
RT	DIFFERENTIAL EQUATIONS
LIBERIA	
GS	NATIONS LIBERIA
RT	AFRICA
LIBRARIES	
RT	BIBLIOGRAPHIES CATALOGS (PUBLICATIONS) DATA RETRIEVAL DOCUMENTATION DOCUMENTS INFORMATION DISSEMINATION INFORMATION RETRIEVAL INFORMATION SYSTEMS INTEGRATED LIBRARY SYSTEMS INTERSERVICE DATA EXCHANGE PROGRAM LITERATURE MUSEUMS ∞ REFERENCE SYSTEMS SELECTIVE DISSEMINATION OF INFORMATION TEXTBOOKS WORLD DATA CENTERS
LIBRATION	
RT	EARTH LIMB LISSAJOUS FIGURES LUNAR FAR SIDE LUNAR LIMB ∞ MOTION NUTATION PRECESSION ROTATION
LIBRATIONAL MOTION	
RT	LAGRANGE COORDINATES ∞ MOTION NUTATION
LIBYA	
GS	NATIONS LIBYA
RT	AFRICA
LIBYAN DESERT	
GS	LAND DESERTS

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LIBYAN DESERT-(CONT)

LIBYAN DESERT	
RT	AFRICA
LICENSING	
RT	COPYRIGHTS PATENT APPLICATIONS POLICIES REGULATIONS
LICHENS	
GS	PLANTS (BOTANY) LICHENS
RT	ALGAE FUNGI LACUNAS SYMBIOSIS
LIDAR	
USE	OPTICAL RADAR
LIE GROUPS	
GS	ALGEBRA LIE GROUPS SPINOR GROUPS GEOMETRY DIFFERENTIAL GEOMETRY LIE GROUPS SPINOR GROUPS
RT	GROUP THEORY
LIECHTENSTEIN	
GS	NATIONS LIECHTENSTEIN
RT	EUROPE
LIENARD POTENTIAL	
GS	POTENTIAL ENERGY ELECTRIC POTENTIAL LIENARD POTENTIAL
RT	ELECTRIC CURRENT ELECTRIC FIELDS
LIES	
RT	GALVANIC SKIN RESPONSE MENTAL PERFORMANCE
LIFE (BIOLOGY)	
USE	LIFE SCIENCES
LIFE (DURABILITY)	
UF	LIFETIME (DURABILITY)
GS	LIFE (DURABILITY) CARRIER LIFETIME FATIGUE LIFE HALF LIFE PLASMA LIFETIME SATELLITE LIFETIME SERVICE LIFE STORAGE STABILITY
RT	ACCELERATED LIFE TESTS AIRCRAFT SURVIVABILITY DEPLETION DEPRECIATION DURABILITY FAILURE ANALYSIS LONG TERM EFFECTS ∞ LONGEVITY MILLS RATIO MTBF ∞ RESISTANCE RETIREMENT FOR CAUSE VULNERABILITY
LIFE CYCLE COSTS	
GS	COSTS LIFE CYCLE COSTS
RT	COST ANALYSIS COST EFFECTIVENESS DESIGN TO COST FINANCIAL MANAGEMENT MANAGEMENT PLANNING PRODUCTION COSTS SYSTEMS ENGINEERING VALUE ENGINEERING
LIFE DETECTORS	
RT	BIOSATELLITES ∞ DETECTORS EXTRATERRESTRIAL LIFE
LIFE RAFTS	
GS	RAFTS LIFE RAFTS

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LIFTING ROTORS

LIFE RAFTS-(CONT)

RT FLOATS
INFLATABLE STRUCTURES
LIFEBOATS

LIFE SCIENCES

UF LIFE (BIOLOGY)
GS LIFE SCIENCES
EXTRATERRESTRIAL LIFE
MOLECULAR BIOLOGY
RT A BIOGENESIS
AGING (BIOLOGY)
BIOLOGICAL EVOLUTION
∞ BIOLOGY
CHEMICAL EVOLUTION
ENVIRONMENTAL ENGINEERING
NEUROLOGY
∞ PHYSICAL SCIENCES
PSYCHOPHARMACOLOGY
∞ SCIENCE

LIFE SPAN

SN (LIMITED TO THE LIFE SCIENCES)
RT AGE FACTOR
AGING (BIOLOGY)
DEATH
EXISTENCE
GERONTOLOGY
∞ LONGEVITY
MORTALITY
∞ SPAN

LIFE SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
BIOPAKS
CLOSED ECOLOGICAL SYSTEMS
EMERGENCY LIFE SUSTAINING
SYSTEMS
AEPS
PORTABLE LIFE SUPPORT SYSTEMS
AEPS
RT AEROSPACE ENVIRONMENTS
AIR CONDITIONING
ARTIFICIAL GRAVITY
ASTRONAUT LOCOMOTION
∞ ATMOSPHERES
BIOSATELLITES
BREATHING APPARATUS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
EXOBIOLOGY
HUMAN FACTORS ENGINEERING
LONG TERM EFFECTS
LUNAR ENVIRONMENT
LUNAR LOGISTICS
LUNAR SHELTERS
MANNED MANEUVERING UNITS
∞ NUTRIENTS
ONBOARD EQUIPMENT
OXYGEN MASKS
OXYGEN SUPPLY EQUIPMENT
PLANETARY ENVIRONMENTS
PRESSURE SUITS
PRESSURIZED CABINS
PROVISIONING
REBREATHING
SPACE FLIGHT FEEDING
SPACE HABITATS
SPACECRAFT ENVIRONMENTS
SURVIVAL
∞ SUSTAINING
∞ SYSTEMS
THERMAL ENVIRONMENTS
UNDERWATER BREATHING APPARATUS
VAPOR BARRIER CLOTHING
VENTILATION
WATER
WEIGHTLESSNESS

LIFEBOATS

GS SURFACE VEHICLES
BOATS
LIFEBOATS
WATER VEHICLES
BOATS
LIFEBOATS
RT LIFE RAFTS
RAFTS
SURVIVAL EQUIPMENT

LIFETIME (DURABILITY)

USE LIFE (DURABILITY)

LIFT

UF AERODYNAMIC LIFT
LIFT COEFFICIENTS
LIFT DISTRIBUTION
LIFT FORCES
VARIABLE LIFT
GS AERODYNAMIC CHARACTERISTICS
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
AERODYNAMIC FORCES
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
DYNAMIC CHARACTERISTICS
LIFT
INTERFERENCE LIFT
JET LIFT
ROTOR LIFT
ZERO LIFT
RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC CONFIGURATIONS
AERODYNAMIC DRAG
AERODYNAMICS
AIRFOILS
ANGLE OF ATTACK
ASPECT RATIO
CAMBER
DISTRIBUTION (PROPERTY)
DRAG
EXTERNALLY BLOWN FLAPS
GLIDING
GROUND EFFECT (AERODYNAMICS)
HYPERSONIC FORCES
LEADING EDGE THRUST
PRESSURE DISTRIBUTION
SWEEP EFFECT
UNDER SURFACE BLOWING
UPPER SURFACE BLOWING

LIFT AUGMENTATION

RT BOUNDARY LAYER CONTROL
CIRCULATION CONTROL AIRFOILS^o
DOWNWASH
PERIPHERAL JET FLOW
SPANWISE BLOWING
UPPER SURFACE BLOWN FLAPS
VORTEX FLAPS

LIFT COEFFICIENTS

USE AERODYNAMIC COEFFICIENTS
LIFT

LIFT DEVICES

UF LIFTING SURFACES
RT BOUNDARY LAYER CONTROL
∞ DEVICES
DIRECT LIFT CONTROLS
DRAG DEVICES
EXTERNALLY BLOWN FLAPS
FLAPS (CONTROL SURFACES)
MAGNETIC LEVITATION VEHICLES
SLOTS
UPPER SURFACE BLOWN FLAPS

LIFT DISTRIBUTION

USE FORCE DISTRIBUTION
LIFT

LIFT DRAG RATIO

UF DRAG BALANCE
GS RATIOS
LIFT DRAG RATIO
RT AERODYNAMIC BALANCE
AERODYNAMIC COEFFICIENTS
AERODYNAMIC DRAG
AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
DRAG REDUCTION
FORCE DISTRIBUTION
PRESSURE RATIO

LIFT FANS

UF FANLIFT DEVICES
DUCTED FANS
RT FAN IN WING AIRCRAFT
LIFTING ROTORS
PROPELLER FANS
ROTARY WINGS
SHORT TAKEOFF AIRCRAFT
TURBOFANS

LIFT FANS-(CONT)

VERTICAL TAKEOFF AIRCRAFT
XV-11A AIRCRAFT

LIFT FORCES

USE LIFT

LIFTING BODIES

UF LIFTING SURFACES
GS LIFTING BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
X-24 AIRCRAFT
M-2F3 LIFTING BODY
RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
BLUFF BODIES
∞ BODIES
∞ DEVICES
LUNAR FLYING VEHICLES
REENTRY VEHICLES
TOWED BODIES

LIFTING REENTRY VEHICLES

UF REENTRY GLIDERS
SPACE GLIDERS
GS HYPERSONIC VEHICLES
LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2F2 LIFTING BODY
X-20 AIRCRAFT
LIFTING BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
X-24 AIRCRAFT
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
REENTRY VEHICLES
LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASSET GLIDERS
ASTRO VEHICLE
ASTROPLANE
BOOSTGLIDE VEHICLES
GLIDERS
HYPERSONIC GLIDERS
MANNED REENTRY
MANNED SPACECRAFT
RECOVERABLE SPACECRAFT
REENTRY
SPACECRAFT REENTRY

LIFTING ROTORS

GS AIRFOILS
WINGS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
RT GROUND EFFECT MACHINES
LIFT FANS
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

LIFTING SURFACES

LIFTING SURFACES
 USE LIFT DEVICES
 LIFTING BODIES
 SURFACES

LIFTS
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CONVEYORS
 CRANES
 ELEVATORS (LIFTS)
 ESCALATORS
 JACKS (LIFTS)
 WINCHES

LIGAMENTS
 RT CONNECTIVE TISSUE
 JOINTS (ANATOMY)

LIGANDS
 RT CHEMICAL BONDS
 CHEMICAL COMPOSITION

LIGHT (VISIBLE RADIATION)
 UF EXTRAGALACTIC LIGHT
 OPTICAL SPECTRUM
 VISIBLE RADIATION
 GS ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
 COHERENT LIGHT
 GEGENSCHN
 LIGHT BEAMS
 POLARIZED LIGHT
 SKY RADIATION
 AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 DAYGLOW
 SUNLIGHT
 ZODIACAL LIGHT
 RT ATMOSPHERIC RADIATION
 ATTENUATION
 BEAMS (RADIATION)
 BLACK BODY RADIATION
 BRIGHTNESS
 CERENKOV RADIATION
 COHERENT ELECTROMAGNETIC RADIATION
 COHERENT RADIATION
 COLOR
 CRITICAL FREQUENCIES
 DARKNESS
 DICHROISM
 ELECTROMAGNETIC SPECTRA
 ENERGY ABSORPTION
 EXCITONS
 EXTRATERRESTRIAL RADIATION
 FLASH
 GEOMETRICAL OPTICS
 GLARE
 ILLUMINANCE
 INCANDESCENCE
 INFRARED RADIATION
 LIGHT CURVE
 LIGHTING EQUIPMENT
 LINE SPECTRA
 LUMENS
 LUMINAIRES
 LUMINANCE
 LUMINESCENCE
 LUMINOSITY
 LUMINOUS INTENSITY
 MONOCHROMATIC RADIATION
 NEAR INFRARED RADIATION
 NEAR ULTRAVIOLET RADIATION
 OPACITY
 OPTICAL DEPOLARIZATION
 OPTICAL EMISSION SPECTROSCOPY
 OPTICAL MEASUREMENT
 OPTICAL PROPERTIES
 OPTICS
 PHOTICS
 PHOTOMETRY
 PHOTONS
 PHOTONUCLEAR REACTIONS
 PHOTOPHILIC PLANTS
 PHOTOPHORESIS
 PHOTSENSITIVITY
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZERS
 RADIATION

LIGHT (VISIBLE RADIATION)-(CONT)

RAMAN SPECTRA
 REFLECTION
 REFRACTION
 REFRACTIVITY
 SHADOWS
 SKY BRIGHTNESS
 SOLAR RADIATION
 THERMAL RADIATION
 TRANSMITTANCE
 ULTRAVIOLET SPECTRA
 VISIBILITY
 VISIBLE SPECTRUM

LIGHT ABSORPTION

USE ELECTROMAGNETIC ABSORPTION

LIGHT ADAPTATION

GS ADAPTATION
 RETINAL ADAPTATION
LIGHT ADAPTATION
 SENSITIVITY
 PHOTSENSITIVITY
LIGHT ADAPTATION
 RT FLASH BLINDNESS
 NIGHT VISION
 PUPILLOMETRY
 THRESHOLDS (PERCEPTION)
 VISION

LIGHT AIRBORNE MULTIPURPOSE SYSTEM

UF LAMPS PROGRAM
 GS NAVIGATION AIDS
LIGHT AIRBORNE MULTIPURPOSE SYSTEM
 ONBOARD EQUIPMENT
 AIRBORNE EQUIPMENT
LIGHT AIRBORNE MULTIPURPOSE SYSTEM
 RT AIRCRAFT EQUIPMENT
 FLIGHT INSTRUMENTS
 NAVIGATION INSTRUMENTS
 SYSTEMS

LIGHT AIRCRAFT

GS **LIGHT AIRCRAFT**
 BEECH 99 AIRCRAFT
 BEECHCRAFT 18 AIRCRAFT
 C-33 AIRCRAFT
 C-35 AIRCRAFT
 CESSNA L-19 AIRCRAFT
 CESSNA 172 AIRCRAFT
 CESSNA 205 AIRCRAFT
 CESSNA 210 AIRCRAFT
 CESSNA 402B AIRCRAFT
 DH 125 AIRCRAFT
 DO 27 AIRCRAFT
 DO-28 AIRCRAFT
 F-28 HELICOPTER
 FIREBEE 2 TARGET DRONE AIRCRAFT
 G-1 AIRCRAFT
 G-91 AIRCRAFT
 LIGHT INTRATHEATER TRANSPORT
 MH-262 AIRCRAFT
 MYSTERE 20 AIRCRAFT
 OH-4 HELICOPTER
 OH-5 HELICOPTER
 OH-6 HELICOPTER
 OH-13 HELICOPTER
 OH-23 HELICOPTER
 OH-58 HELICOPTER
 P-166 AIRCRAFT
 PD-808 AIRCRAFT
 PIPER AIRCRAFT
 PA-34 SENECA AIRCRAFT
 SAAB 105 AIRCRAFT
 SC-7 AIRCRAFT
 U-10 AIRCRAFT
 VZ-8 AIRCRAFT
 YAK 40 AIRCRAFT
 RT AGRICULTURAL AIRCRAFT
 AIRCRAFT
 BIPLANES
 DRONE AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 LOW WING AIRCRAFT
 MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 OBSERVATION AIRCRAFT
 PASSENGER AIRCRAFT
 PILOTLESS AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 SUBMERSIBLE AIRCRAFT
 SUBSONIC AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT

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LIGHT AIRCRAFT-(CONT)

TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 ULTRALIGHT AIRCRAFT
 UTILITY AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT

LIGHT ALLOYS

GS ALLOYS
LIGHT ALLOYS
 ALUMINUM ALLOYS
 BERYLLIUM ALLOYS
 MAGNESIUM ALLOYS
 RT METALLURGY
 METALS

LIGHT AMPLIFIERS

UF OPTICAL AMPLIFIERS
 GS AMPLIFIERS
LIGHT AMPLIFIERS
 RT HCN LASERS
 IMAGE CONVERTERS
 IMAGE ENHANCEMENT
 IMAGE INTENSIFIERS
 LALLEMAND CAMERAS
 LASER CAVITIES
 LASER MICROSCOPY
 LASERS
 MICROCHANNELS
 OPTICS
 PHOTOCATHODES
 ULTRASHORT PULSED LASERS
 ULTRAVIOLET LASERS

LIGHT ARMED RECONNAISSANCE AIRCRAFT

USE COIN AIRCRAFT

LIGHT BEAMS

UF LIGHT PROBES
 GS BEAMS (RADIATION)
 PHOTON BEAMS
LIGHT BEAMS
 ELECTROMAGNETIC RADIATION
 LIGHT (VISIBLE RADIATION)
LIGHT BEAMS
 PHOTON BEAMS
LIGHT BEAMS
 PARTICLES
 ELEMENTARY PARTICLES
 BOSONS
 PHOTONS
LIGHT BEAMS
 RT LASERS
 OPTICAL WAVEGUIDES
 RARE GAS-HALIDE LASERS

LIGHT BULBS

USE LUMINAIRES

LIGHT COMMUNICATION

USE OPTICAL COMMUNICATION

LIGHT CURVE

RT CURVES
 LIGHT (VISIBLE RADIATION)
 STELLAR RADIATION

LIGHT DURATION

USE FLASH
 PULSE DURATION

LIGHT ELEMENTS

GS CHEMICAL ELEMENTS
LIGHT ELEMENTS
 RT ELEMENTS
 LOW DENSITY MATERIALS

LIGHT EMISSION

UF OPTICAL EMISSION
 GS DECAY
 EMISSION
LIGHT EMISSION
 INCANDESCENCE
 LUMINESCENCE
 BIOLUMINESCENCE
 CATHODE GLOW
 CATHODOLUMINESCENCE
 CHEMILUMINESCENCE
 ELECTROLUMINESCENCE
 FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE

LIGHT EMISSION-(CONT)

LUNAR LUMINESCENCE
OPTICAL RESONANCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
SHOCK WAVE LUMINESCENCE
SONOLUMINESCENCE
THERMOLUMINESCENCE

RT AIRGLOW
AURORAL ABSORPTION
AURORAL IONIZATION
AURORAL SPECTROSCOPY
AURORAS
DIMMING
ELECTROMAGNETIC RADIATION
LINEAR POLARIZATION
∞ OPTICS
SELF SUSTAINED EMISSION
SKY BRIGHTNESS
SPECTRAL EMISSION
STIMULATED EMISSION
WHITE HOLES (ASTRONOMY)

LIGHT EMITTING DIODES

UF LED (DIODES)
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
LIGHT EMITTING DIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
LIGHT EMITTING DIODES

RT AIRCRAFT INSTRUMENTS
ALPHANUMERIC CHARACTERS
DISPLAY DEVICES
ELECTROLUMINESCENCE
LUMINESCENCE
PHOTONICS

LIGHT GAS GUNS

GS GAS GUNS
LIGHT GAS GUNS
RT HYPERVELOCITY PROJECTILES

LIGHT INTENSITY

USE LUMINOUS INTENSITY

LIGHT INTRATHEATER TRANSPORT

GS LIGHT AIRCRAFT
LIGHT INTRATHEATER TRANSPORT
TRANSPORT AIRCRAFT
LIGHT INTRATHEATER TRANSPORT

RT ∞ AIRCRAFT
COIN AIRCRAFT

LIGHT IONS

GS IONS
LIGHT IONS
RT CHEMICAL ELEMENTS
HEAVY IONS
PLASMAS (PHYSICS)

LIGHT MODULATION

UF OPTICAL MASER MODULATION
OPTICAL MODULATION
GS MODULATION
LIGHT MODULATION
MIROS SYSTEM
ULTRASONIC LIGHT MODULATION

RT AMPLITUDE MODULATION
ELECTRO-OPTICAL EFFECT
FREQUENCY MODULATION
KERR ELECTROOPTICAL EFFECT
LASERS
LIGHT VALVES
MODULATORS
OPTICAL HETERODYNING
∞ OPTICS
PULSE MODULATION
TRAVELING WAVE MODULATION
TUNABLE LASERS

LIGHT PRESSURE

USE ILLUMINANCE

LIGHT PROBES

USE LIGHT BEAMS

LIGHT SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
LIGHT SCATTERING

LIGHT SCATTERING-(CONT)

HALOS
TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
LIGHT SCATTERING
HALOS
WAVE PROPAGATION
LIGHT SCATTERING
HALOS

RT AFTERGLOWS
ATMOSPHERIC SCATTERING
BRILLOUIN EFFECT
CIRCUMSOLAR RADIATION
DIFFUSE RADIATION
ELECTROMAGNETIC ABSORPTION
FORWARD SCATTERING
GRAVITATIONAL LENSES
INFRARED ABSORPTION
RAYLEIGH SCATTERING
REFLECTION NEBULAE
SCATTER PLATES (OPTICS)
SPECKLE PATTERNS
TRANSMISSIVITY
TROPOSPHERIC SCATTERING
UMKEHR EFFECT

LIGHT SCATTERING METERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
LIGHT SCATTERING METERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
LIGHT SCATTERING METERS

RT METEOROLOGICAL INSTRUMENTS

LIGHT SOURCES

GS LIGHT SOURCES
ILLUMINATORS

RT ARC LAMPS
CATHODOLUMINESCENCE
DAYGLOW
DUOCHROMATORS
ELECTRIC ARCS
ELECTROLUMINESCENCE
FLASH LAMPS
GLOW DISCHARGES
HCN LASERS
HEAT SOURCES
ILLUMINATING
LASERS
LIGHTING EQUIPMENT
LUMINAIRES
MERCURY LAMPS
MONOCHROMATORS
MOON
PLASMA DISPLAY DEVICES
POINT SOURCES
RADIATION SOURCES
SUN

LIGHT SPEED

GS RATES (PER TIME)
LIGHT SPEED
VELOCITY
LIGHT SPEED

RT HIGH SPEED
RELATIVISTIC VELOCITY
SCHWARZSCHILD METRIC

LIGHT TRANSMISSION

UF OPTICAL ABSORPTION
TRANSMISSION
GS ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
LIGHT SCATTERING
HALOS

RT ABSORPTANCE
ATMOSPHERIC OPTICS
ATMOSPHERIC REFRACTION
FERMAT PRINCIPLE
FIBER OPTICS
FLICKER
GAMMA RAY LASERS
GEOMETRICAL OPTICS
HAZE
ILLUMINATING
∞ ILLUMINATION
INTEGRATED OPTICS
LASERS
LOW VISIBILITY
MOLECULAR ABSORPTION
OPACITY

LIGHT TRANSMISSION-(CONT)

OPTICAL BISTABILITY
OPTICAL COUPLING
OPTICAL PROPERTIES
OPTICAL REFLECTION
OPTICAL WAVEGUIDES
RAINBOWS
SAGNAC EFFECT
STIMULATED EMISSION DEVICES
TRANSLUCENCE
TRANSPARENCE
TURBIDITY
ULTRAVIOLET LASERS
VISIBILITY
WAVE DISPERSION
WAVE PROPAGATION

LIGHT TRANSPORT AIRCRAFT

GS COMMERCIAL AIRCRAFT
LIGHT TRANSPORT AIRCRAFT
TRANSPORT AIRCRAFT
LIGHT TRANSPORT AIRCRAFT

RT ∞ AIRCRAFT
MULTIENGINE VEHICLES
PASSENGER AIRCRAFT

LIGHT VALVES

RT ELECTRO-OPTICS
LIGHT MODULATION
LIQUID CRYSTALS
OPTICAL DATA PROCESSING

LIGHT WATER

UF PROTIUM
GS HYDROGEN COMPOUNDS
LIGHT WATER
WATER
LIGHT WATER

LIGHT WATER BREEDER REACTORS

GS NUCLEAR REACTORS
BREEDER REACTORS
LIGHT WATER BREEDER REACTORS

RT HEAVY WATER REACTORS

LIGHT WATER REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
LIGHT WATER REACTORS

RT WATER MODERATED REACTORS

LIGHT-CONE EXPANSION

GS ELECTRODYNAMICS
QUANTUM ELECTRODYNAMICS
LIGHT-CONE EXPANSION
NUCLEAR REACTIONS
HIGH ENERGY INTERACTIONS
LIGHT-CONE EXPANSION
QUANTUM MECHANICS
QUANTUM ELECTRODYNAMICS
LIGHT-CONE EXPANSION

LIGHTHILL GAS MODEL

GS MODELS
LIGHTHILL GAS MODEL

RT BOUNDARY LAYER FLOW
GAS MIXTURES
GAS TRANSPORT
HYPERSONIC FLOW
MOLECULAR THEORY
TRANSPORT PROPERTIES

LIGHTHILL METHOD

RT AIRFOIL PROFILES
AIRFOILS
CONFORMAL MAPPING
FLOW THEORY
INTEGRAL TRANSFORMATIONS
∞ METHODOLOGY

LIGHTING

USE ILLUMINATING

LIGHTING EQUIPMENT

GS LIGHTING EQUIPMENT
AIRCRAFT LIGHTS
ILLUMINATORS
LUMINAIRES
AIRPORT LIGHTS
RUNWAY LIGHTS
ARC LAMPS
FLASH LAMPS
ALKALI VAPOR LAMPS

LIGHTNING

LIGHTNING EQUIPMENT-(CONT)

MERCURY LAMPS
QUARTZ LAMPS
SEARCHLIGHTS
XENON LAMPS
RT ∞ ELECTRIC EQUIPMENT
∞ EQUIPMENT
∞ FLARES
ILLUMINATING
LIGHT (VISIBLE RADIATION)
LIGHT SOURCES
ONBOARD EQUIPMENT
WASTE ENERGY UTILIZATION

LIGHTNING

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
LIGHTNING
BALL LIGHTNING
RT ∞ ARRESTERS
ATMOSPHERIC ELECTRICITY
ELECTRIC ARCS
ELECTRIC SPARKS
ELECTRICITY
ELECTRODELESS DISCHARGES
GAS DISCHARGES
LIGHTNING SUPPRESSION
NITROGENATION
RADIATIVE RECOMBINATION
STATIC ELECTRICITY
THUNDERSTORMS
WHISTLERS

LIGHTNING SUPPRESSION

GS WEATHER MODIFICATION
LIGHTNING SUPPRESSION
RT ATMOSPHERIC ELECTRICITY
CLIMATOLOGY
ELECTRIC DISCHARGES
LIGHTNING
THUNDERSTORMS

LIGHTS

USE LUMINAIRES

LIGNIN

RT CELLULOSE
∞ POLYMERS

LIGNITE

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
LIGNITE
ROCKS
COAL
LIGNITE
SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
LIGNITE
RT ASHES
BITUMENS
CARBONACEOUS MATERIALS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
COKE
ENERGY CONVERSION
ENERGY POLICY
ENERGY TECHNOLOGY
GASEOUS FUELS
HYDROCARBON FUEL PRODUCTION
HYDROCARBON FUELS
HYDROGEN PRODUCTION
HYDROLYSIS
SYNTHANE

LIKELIHOOD RATIO

GS STATISTICAL ANALYSIS
LIKELIHOOD RATIO
RT ESTIMATES
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
PROBABILITY THEORY
STATISTICAL TESTS

LIMB BRIGHTENING

RT B STARS
BRIGHTNESS
BRIGHTNESS TEMPERATURE
∞ LIMBS
SOLAR FLUX
SOLAR FLUX DENSITY

LIMB BRIGHTENING-(CONT)

SOLAR GRANULATION
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

LIMB DARKENING

GS DARKENING
LIMB DARKENING
RT B STARS
BINARY STARS
∞ LIMBS
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

∞ LIMBS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT EARTH LIMB
LIMB BRIGHTENING
LIMB DARKENING
LIMBS (ANATOMY)
LUNAR LIMB
PLANETARY LIMB
SOLAR LIMB

LIMBS (ANATOMY)

GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
ELBOW (ANATOMY)
FOREARM
HAND (ANATOMY)
FINGERS
LEG (ANATOMY)
FEET (ANATOMY)
KNEE (ANATOMY)
RT APPENDAGES
FEET (ANATOMY)
HUMAN BODY
∞ LIMBS

LIME

USE CALCIUM OXIDES

LIMEN

RT PSYCHOLOGICAL TESTS
THRESHOLDS (PERCEPTION)

LIMESTONE

GS ROCKS
LIMESTONE
SEDIMENTARY ROCKS
LIMESTONE
RT AGGREGATES
CALCIUM CARBONATES
DOLOMITE (MINERAL)
EARTH RESOURCES
FLUXES
MINERALS
SCHIST
SOILS

LIMITATIONS

USE CONSTRAINTS

LIMITER AMPLIFIERS

GS AMPLIFIERS
LIMITER AMPLIFIERS

LIMITER CIRCUITS

GS CIRCUITS
LIMITER CIRCUITS
CLIPPER CIRCUITS
RT CIRCULATORS (PHASE SHIFT CIRCUITS)
CLAMPING CIRCUITS
CURRENT REGULATORS
POWER LIMITERS

LIMITERS (FUSION REACTORS)

RT BLANKETS (FUSION REACTORS)
CONTROLLED FUSION
FUSION REACTORS
MODERATION (ENERGY ABSORPTION)
MODERATORS
PLASMA CONTROL
PLASMA LOSS
REACTOR DESIGN
REACTOR MATERIALS
TOKAMAK DEVICES
TOROIDAL PLASMAS
WALLS

NASA THESAURUS (VOLUME 1)

∞ LIMITS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT IGNITION LIMITS
LIMITS (MATHEMATICS)
RANGE (EXTREMES)

LIMITS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
CALCULUS
LIMITS (MATHEMATICS)
REAL VARIABLES
EXTREMUM VALUES
LIMITS (MATHEMATICS)
RT DIFFERENTIAL CALCULUS
∞ ENVELOPES
∞ LIMITS

LIMNOLOGY

RT AQUIFERS
ARROYOS
EARTH HYDROSPHERE
FRESH WATER
GEOCHEMISTRY
GEOPHYSICS
GROUND WATER
∞ HYDRAULICS
HYDROGRAPHY
HYDROLOGY
LAKE TEXOMA (OK-TX)
LAKES
MARINE BIOLOGY
MARINE CHEMISTRY
PONDS
POTABLE WATER
RAIN
STREAMS
WATER
WATER MANAGEMENT
WATER POLLUTION
WATER RESOURCES
WELLS

LIMONITE

GS IRON COMPOUNDS
LIMONITE
MINERALS
LIMONITE

LINCOLN EXPERIMENTAL SATELLITES

UF LES (SATELLITES)
GS SATELLITES
ARTIFICIAL SATELLITES
LINCOLN EXPERIMENTAL SATELLITES

LINE CURRENT

GS ELECTRIC CURRENT
LINE CURRENT
RT ELECTRIC POWER SUPPLIES
ELECTRODYNAMICS
MAGNETOHYDRODYNAMIC FLOW
PLASMA CURRENTS
∞ POWER SUPPLIES

LINE OF SIGHT

RT AREA
COORDINATES
∞ DIRECTION
LOCI
TARGETS

LINE OF SIGHT COMMUNICATION

GS TELECOMMUNICATION
COMMUNICATION
LINE OF SIGHT COMMUNICATION
RT BORESIGHT ERROR
FREQUENCY MODULATION
SPACE COMMUNICATION
TELEVISION TRANSMISSION

LINE SHAPE

GS SHAPES
LINE SHAPE
RT CURVES (GEOMETRY)
INFLECTION POINTS
∞ PROFILES

LINE SPECTRA

UF SPECTRAL LINES
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA

LINE SPECTRA-(CONT)

LINE SPECTRA
BALMER SERIES
D LINES
ELECTRONIC SPECTRA
FRAUNHOFER LINES
H LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
K LINES
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES
TELLURIC LINES

RT ABSORPTION SPECTRA
ATOMIC ENERGY LEVELS
BOHR THEORY
EMISSION SPECTRA
FINE STRUCTURE
FLAME SPECTROSCOPY
FREQUENCIES
HYPERFINE STRUCTURE
INFRARED SPECTRA
LIGHT (VISIBLE RADIATION)

∞ LINES
MOLECULAR SPECTROSCOPY
OSCILLATOR STRENGTHS
PRESSURE BROADENING
RAMAN SPECTRA
RAMAN SPECTROSCOPY
RESONANCE LINES
SEYFERT GALAXIES
SOLAR SPECTRA
SPECTRAL BANDS
SPECTRAL EMISSION
SPECTRAL ENERGY DISTRIBUTION
SPECTRAL LINE WIDTH
SPECTRAL RESOLUTION
SPECTROGRAMS
SPECTRUM ANALYSIS
STARK EFFECT
STELLAR SPECTRA
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM

LINEAMENT

USE STRUCTURAL PROPERTIES (GEOLOGY)

LINEAR ACCELERATORS

GS PARTICLE ACCELERATORS
LINEAR ACCELERATORS
RT ∞ ACCELERATORS
ELECTRON ACCELERATORS
ION SOURCES
MULTIPLIER DISCHARGES
NEUTRON SOURCES

LINEAR AMPLIFIERS

GS AMPLIFIERS
LINEAR AMPLIFIERS

LINEAR ARRAYS

GS ARRAYS
ANTENNA ARRAYS
LINEAR ARRAYS
ENDFIRE ARRAYS
YAGI ANTENNAS
RT DIPOLE ANTENNAS
MULTIPLE BEAM INTERVAL SCANNERS
PHASED ARRAYS
PUSHBROOM SENSOR MODES

LINEAR CIRCUITS

GS CIRCUITS
LINEAR CIRCUITS
RT AMPLIFIERS
DISTRIBUTED PARAMETER SYSTEMS
ELECTRICAL RESISTANCE
SUPERPOSITION (MATHEMATICS)
VOLT-AMPERE CHARACTERISTICS

LINEAR ENERGY TRANSFER (LET)

GS ENERGY TRANSFER
LINEAR ENERGY TRANSFER (LET)
RT IONIZING RADIATION

LINEAR EQUATIONS

GS ALGEBRA
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS

LINEAR EQUATIONS-(CONT)

RT DETERMINANTS
∞ EQUATIONS
FLOQUET THEOREM
MATRICES (MATHEMATICS)
OPERATIONAL CALCULUS
POLYNOMIALS

LINEAR EVOLUTION EQUATIONS

GS ALGEBRA
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
LINEAR EQUATIONS

RT **LINEAR EVOLUTION EQUATIONS**
DIFFERENCE EQUATIONS
∞ EQUATIONS

LINEAR FILTERS

GS **LINEAR FILTERS**
KALMAN FILTERS
REDUCED ORDER FILTERS
RT ADAPTIVE FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
∞ FILTERS
∞ FREQUENCY RESPONSE
NONLINEAR FILTERS

LINEAR INTEGRATED CIRCUITS

GS CIRCUITS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
RT ELECTRONIC PACKAGING
LARGE SCALE INTEGRATION
MICROMINIATURIZATION
MOLECULAR ELECTRONICS
TRANSISTOR CIRCUITS

LINEAR POLARIZATION

GS POLARIZATION (WAVES)
LINEAR POLARIZATION
RT LIGHT EMISSION
MICROWAVE EMISSION
OPTICAL POLARIZATION
∞ POLARIZATION
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED RADIATION
RADIO ASTRONOMY

LINEAR PREDICTION

GS PREDICTIONS
LINEAR PREDICTION
RT COMPUTATION
DIFFERENTIAL PULSE CODE
MODULATION
MATHEMATICAL MODELS
OPERATIONS RESEARCH
QUALITY CONTROL
STATISTICAL ANALYSIS

LINEAR PROGRAMMING

GS OPERATIONS RESEARCH
MATHEMATICAL PROGRAMMING
LINEAR PROGRAMMING
RESEARCH
MATHEMATICAL PROGRAMMING
LINEAR PROGRAMMING
RT ∞ APPLICATIONS OF MATHEMATICS
COMPUTER PROGRAMMING
CONSTRAINTS
DYNAMIC PROGRAMMING
FORMALISM
GAME THEORY
MATRICES (MATHEMATICS)
NONLINEAR PROGRAMMING
NUMERICAL ANALYSIS
OPERATIONS RESEARCH
OPTIMIZATION
∞ PROGRAMMING
SIMPLEX METHOD

LINEAR RECEIVERS

GS RECEIVERS
LINEAR RECEIVERS
RT ∞ FREQUENCY RESPONSE
NYQUIST FREQUENCIES

LINEAR SYSTEMS

RT DISTRIBUTED PARAMETER SYSTEMS
NONLINEAR SYSTEMS
ROBUSTNESS (MATHEMATICS)
STATE ESTIMATION

LINEAR SYSTEMS-(CONT)

∞ SYSTEMS
TRACKING PROBLEM

LINEAR TRANSFORMATIONS

GS ALGEBRA
LINEAR TRANSFORMATIONS
FUNCTIONS (MATHEMATICS)
LINEAR TRANSFORMATIONS
RT FOURIER ANALYSIS
JORDAN FORM
MATRICES (MATHEMATICS)
ORTHOGONAL FUNCTIONS
SCHWARTZ INEQUALITY
VECTOR SPACES

LINEAR VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
LINEAR VIBRATION
RT FREE VIBRATION
MISSILE VIBRATION
RANDOM VIBRATION
VIBRATION MODE

LINEARITY

GS **LINEARITY**
COLLINEARITY
RT ACCURACY
CONSISTENCY
DIFFERENTIAL EQUATIONS
DYNAMIC CHARACTERISTICS
ERRORS
FUNCTIONS (MATHEMATICS)
INSTRUMENT ERRORS
LINEARIZATION
NONLINEARITY
TOLERANCES (MECHANICS)
VARIABILITY

LINEARIZATION

RT BERNOULLI THEOREM
∞ EQUATIONS
GALERKIN METHOD
LINEARITY
SIMPLIFICATION

LINEN

GS FABRICS
LINEN
FIBERS
LINEN
TEXTILES
LINEN
RT ORGANIC MATERIALS

LINERS

USE LININGS

∞ LINES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DELAY LINES
LINE SPECTRA
LINES OF FORCE
PIPELINES
TERMINATOR LINES
TETHERLINES
TRANSMISSION LINES
UNDERGROUND TRANSMISSION LINES

LINES (GEOMETRY)

GS GEOMETRY
EUCLIDEAN GEOMETRY
LINES (GEOMETRY)
CHORDS (GEOMETRY)
GEODESIC LINES
RT RADII
RECIPROCAL THEOREMS
SEGMENTS

LINES OF FORCE

RT BARIUM ION CLOUDS
CONJUGATE POINTS
FLUX PINNING
∞ FORCE
∞ LINES
MAGNETIC CIRCUITS
MAGNETIC DOMAINS
MAGNETIC FIELDS
MAGNETIC FLUX
MAGNETIC MIRRORS
MAGNETIC PROPERTIES

LING-TEMCO-VOUGHT AIRCRAFT

LINES OF FORCE-(CONT)

MAGNETOSTATIC FIELDS
NONUNIFORM MAGNETIC FIELDS
POLAR CUSPS

LING-TEMCO-VOUGHT AIRCRAFT

UF LTV AIRCRAFT
GS **LING-TEMCO-VOUGHT AIRCRAFT**
A-7 AIRCRAFT
F-8 AIRCRAFT
XC-142 AIRCRAFT
RT ∞ AIRCRAFT

LINGUISTICS

GS **LINGUISTICS**
MACHINE TRANSLATION
PHONEMES
PHONEMICS
PSYCHOLINGUISTICS
SEMANTICS
SYNTAX
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
RT LANGUAGES
ORTHOGRAPHY
SPEECH

LINING PROCESSES

RT COATING
COATINGS
INSULATION
LININGS
SEALING
TUNNELING (EXCAVATION)

LININGS

UF LINERS
GS **LININGS**
ROCKET LININGS
RT BUSHINGS
∞ CASING
COATINGS
INSERTS
INSULATION
JACKETS
LINING PROCESSES
SHEATHS
SHIELDING
∞ TUBES

LINKAGES

RT CAMS
CONNECTORS
COUPLING
COUPLINGS
ECCENTRICS
FASTENERS
FITTINGS
JOINTS (JUNCTIONS)
LATCHES
∞ LINKS
MECHANICAL DEVICES
UNIONS (CONNECTORS)
YOKES

LINKING

USE JOINING

∞ LINKS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHAINS
LINKAGES
LINKS (MATHEMATICS)

LINKS (MATHEMATICS)

GS GEOMETRY
TOPOLOGY
LINKS (MATHEMATICS)
RT ∞ LINKS

LIOUVILLE EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
LIOUVILLE EQUATIONS
RT ∞ EQUATIONS
PLASMA PHYSICS
PLASMAS (PHYSICS)
STATISTICAL MECHANICS

LIOUVILLE THEOREM

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
LIOUVILLE THEOREM
THEOREMS
LIOUVILLE THEOREM

LIP READING

GS COMMUNICATING
LIP READING
READING
LIP READING

LIPID METABOLISM

GS METABOLISM
PROTEIN METABOLISM
LIPID METABOLISM
RT ∞ NUTRIENTS
OILS

LIPIDS

GS **LIPIDS**
CASTOR OIL
IDOACETIC ACID
LIPOIC ACID
LIPOPROTEINS
OLEIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
RT ESTERS
GLYCEROLS
MYELIN
∞ NUTRIENTS

LIPOIC ACID

GS ACIDS
FATTY ACIDS
LIPOIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
LIPOIC ACID
LIPIDS
LIPOIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
LIPOIC ACID

LIPOPROTEINS

GS LIPIDS
LIPOPROTEINS
PROTEINS
LIPOPROTEINS

LIPS (ANATOMY)

RT FACE (ANATOMY)
HEAD (ANATOMY)

LIPSCHITZ CONDITION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
LIPSCHITZ CONDITION
CONDITIONS
LIPSCHITZ CONDITION
RT DIFFERENTIAL EQUATIONS

LIQUEFACTION

GS PHASE TRANSFORMATIONS
LIQUEFACTION
COAL LIQUEFACTION
RT ∞ CONDENSATION
∞ CONVERSION
JET CONDENSERS
MELTING
NONCONDENSABLE GASES
THIXOTROPY

LIQUEFIED GASES

GS GASES
LIQUEFIED GASES
LIQUEFIED NATURAL GAS
LIQUID AIR
LIQUID AMMONIA
LIQUID FLUORINE
LIQUID HELIUM
LIQUID HELIUM 2
LIQUID HYDROGEN
LIQUID NEON
LIQUID NITROGEN
LIQUID OXYGEN
LIQUIDS
LIQUEFIED GASES
LIQUID AMMONIA
LIQUID HELIUM

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LIQUEFIED GASES-(CONT)

LIQUID HYDROGEN
LIQUID NEON
LIQUID NITROGEN
LIQUID OXYGEN
RT CONDENSATES
CONDENSERS (LIQUEFIERS)
CRYOGENIC ROCKET PROPELLANTS
CRYOGENICS
GAS MIXTURES
LIQUID ROCKET PROPELLANTS
SOLID CRYOGEN COOLING

LIQUEFIED NATURAL GAS

UF LNG
GS FUELS
LIQUEFIED NATURAL GAS
GASES
FLAMMABLE GASES
LIQUEFIED NATURAL GAS
LIQUEFIED GASES
LIQUEFIED NATURAL GAS
NATURAL GAS
LIQUEFIED NATURAL GAS
HYDROCARBONS
NATURAL GAS
LIQUEFIED NATURAL GAS
RT HYDROCARBON FUELS
METHANE

LIQUID AIR

GS GASES
AIR
LIQUID AIR
GAS MIXTURES
LIQUID AIR
LIQUEFIED GASES
LIQUID AIR

LIQUID AIR CYCLE ENGINES

UF LACE (ENGINE)
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
LIQUID AIR CYCLE ENGINES
RT AEROSPACEPLANES
ASTROPLANE
HYDROGEN OXYGEN ENGINES
SUSTAINER ROCKET ENGINES
TURBOROCKET ENGINES

LIQUID ALLOYS

GS ALLOYS
LIQUID ALLOYS
RT METALS

LIQUID AMMONIA

GS GASES
LIQUEFIED GASES
LIQUID AMMONIA
INORGANIC COMPOUNDS
AMMONIA
LIQUID AMMONIA
LIQUIDS
LIQUEFIED GASES
LIQUID AMMONIA
NITROGEN COMPOUNDS
AMMONIA
LIQUID AMMONIA
RT FUELS
LIQUID FUELS

LIQUID ATOMIZATION

GS ATOMIZING
LIQUID ATOMIZATION
RT GAS ATOMIZATION
SPRAYING

LIQUID BEARINGS

GS BEARINGS
LIQUID BEARINGS
RT LUBRICATION

LIQUID BREATHING

GS RESPIRATION
LIQUID BREATHING
RT ACCLIMATIZATION
PRESSURE BREATHING
RESUSCITATION

LIQUID CHROMATOGRAPHY

UF GEL PERMEATION CHROMATOGRAPHY
GS CHROMATOGRAPHY

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LIQUID CHROMATOGRAPHY-(CONT)

LIQUID CHROMATOGRAPHY
RT CHEMICAL ANALYSIS
CHEMICAL TESTS
COLORIMETRY
PAPER CHROMATOGRAPHY
SORPTION

LIQUID COOLED REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
ADVANCED SODIUM COOLED REACTOR
EXPERIMENTAL BREEDER REACTOR 1
EXPERIMENTAL BREEDER REACTOR 2
LITHIUM COOLED REACTOR EXPERIMENT
LOS ALAMOS MOLTEN PLUTONIUM REACTOR
MILITARY COMPACT REACTORS
SODIUM GRAPHITE REACTORS
SODIUM REACTOR EXPERIMENT
ORGANIC COOLED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER REACTORS
HALDEN BOILING WATER REACTOR
LOS ALAMOS WATER BOILER REACTOR
PATHFINDER NUCLEAR REACTOR
SPERT REACTORS
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS TEST REACTORS
PLUTONIUM RECYCLE TEST REACTOR
ZERO POWER REACTOR 2
LIGHT WATER REACTORS
NRX REACTORS
PLUM BROOK REACTOR
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL REACTOR
SWIMMING POOL REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 2
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 9
RT SODIUM COOLING

LIQUID COOLING

SN (COOLING WITH LIQUIDS)
UF WATER COOLING
GS COOLING
LIQUID COOLING
FILM COOLING
RT AIR COOLING
COOLANTS
COOLING SYSTEMS
SODIUM COOLING
SPACE COOLING (BUILDINGS)
SWEAT COOLING
THERMAL POLLUTION
WATER IMMERSION

LIQUID CRYSTALS

GS CRYSTALS
LIQUID CRYSTALS
RT ANISOTROPIC FLUIDS
CHOLESTEROL
LIGHT VALVES

LIQUID DROPS

USE DROPS (LIQUIDS)

LIQUID FILLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
RT HYDRODYNAMIC RAM EFFECT
PROPELLANT TANKS
REINFORCED SHELLS
SHELL STABILITY
∞ STORAGE
TANKS (CONTAINERS)
∞ VESSELS

LIQUID FLOW

GS FLUID FLOW
LIQUID FLOW
OPEN CHANNEL FLOW
WATER FLOW
RT CRITICAL FLOW
GAS FLOW
HEAD (FLUID MECHANICS)
HEAD FLOW
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
MASS FLOW
MULTIPHASE FLOW
NONNEWTONIAN FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
PRESSURE HEADS
RHEOLOGY
SINGLE-PHASE FLOW
SORET COEFFICIENT
STEADY FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW

LIQUID FLUORINE

GS GASES
LIQUEFIED GASES
LIQUID FLUORINE

LIQUID FUELS

GS FUELS
CHEMICAL FUELS
LIQUID FUELS
AIRCRAFT FUELS
AUTOMOBILE FUELS
DIESEL FUELS
GASOLINE
HYDROGEN FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
KEROSENE
LIQUIDS
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
MONOPROPELLANTS
AEROSINE
RP-1 ROCKET PROPELLANTS
SLURRY PROPELLANTS
RT FUEL PRODUCTION
GASEOUS FUELS
GELLED ROCKET PROPELLANTS
LIQUID AMMONIA
LIQUID HYDROGEN
ROCKET PROPELLANTS
SYNTHETIC FUELS

LIQUID HELIUM

UF HELIUM 2
GS CHEMICAL ELEMENTS
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
GASES
LIQUEFIED GASES
LIQUID HELIUM
LIQUID HELIUM 2
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
LIQUIDS
CRYOGENIC FLUIDS
LIQUID HELIUM
LIQUEFIED GASES
LIQUID HELIUM
RT CRYOSTATS
SUPERFLUIDITY
TWO FLUID MODELS
LIQUID HELIUM 2
GS CHEMICAL ELEMENTS
RARE GASES
HELIUM

LIQUID METAL COOLED REACTORS

LIQUID HELIUM 2-(CONT)

LIQUID HELIUM
LIQUID HELIUM 2
GASES
LIQUEFIED GASES
LIQUID HELIUM
LIQUID HELIUM 2
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
RT CRYOSTATS
SUPERFLUIDITY

LIQUID HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
LIQUID HYDROGEN
GASES
HYDROGEN
LIQUID HYDROGEN
LIQUEFIED GASES
LIQUID HYDROGEN
LIQUIDS
CRYOGENIC FLUIDS
LIQUID HYDROGEN
LIQUEFIED GASES
LIQUID HYDROGEN
RT CRYOGENIC ROCKET PROPELLANTS
FUELS
HYDROGEN FUELS
HYDROGEN-BASED ENERGY
LIQUID FUELS
TOPPING CYCLE ENGINES

LIQUID INJECTION

GS INJECTION
FLUID INJECTION
LIQUID INJECTION
DEEP WELL INJECTION (WASTES)
WATER INJECTION
RT FILM COOLING
FUEL INJECTION
FUEL SPRAYS
MIXING
PROPELLANT SPRAYS
THRUST VECTOR CONTROL

LIQUID LASERS

GS STIMULATED EMISSION DEVICES
LASERS
LIQUID LASERS
RT CARBON LASERS
CHEMICAL LASERS
DYE LASERS
INFRARED LASERS
ORGANIC LASERS

LIQUID LEVELS

GS LEVEL (HORIZONTAL)
LIQUID LEVELS
RT FLUID BOUNDARIES

LIQUID LITHIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
LITHIUM
LIQUID LITHIUM
LIQUIDS
LIQUID METALS
LIQUID LITHIUM
METALS
ALKALI METALS
LITHIUM
LIQUID LITHIUM
LIQUID METALS
LIQUID LITHIUM

LIQUID MERCURY

USE MERCURY (METAL)

LIQUID METAL COOLED REACTORS

UF LMCR (REACTORS)
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
ADVANCED SODIUM COOLED REACTOR
EXPERIMENTAL BREEDER REACTOR 1
EXPERIMENTAL BREEDER REACTOR 2
LITHIUM COOLED REACTOR
EXPERIMENT

LIQUID METAL FAST BREEDER REACTORS

LIQUID METAL COOLED REACTORS-(CONT)
 LOS ALAMOS MOLTEN PLUTONIUM REACTOR
 MILITARY COMPACT REACTORS
 SODIUM GRAPHITE REACTORS
 SODIUM REACTOR EXPERIMENT
 RT ENRICO FERMI ATOMIC POWER PLANT
 SODIUM
 SODIUM REACTOR EXPERIMENT

LIQUID METAL FAST BREEDER REACTORS
 UF LMFBR
 GS NUCLEAR REACTORS
 BREEDER REACTORS
LIQUID METAL FAST BREEDER REACTORS
 FAST NUCLEAR REACTORS
LIQUID METAL FAST BREEDER REACTORS
 RT NUCLEAR POWER REACTORS

LIQUID METALS
 GS LIQUIDS
LIQUID METALS
 LIQUID LITHIUM
 LIQUID POTASSIUM
 LIQUID SODIUM
 MERCURY (METAL)
 MERCURY VAPOR
 METALS
LIQUID METALS
 LIQUID LITHIUM
 LIQUID POTASSIUM
 LIQUID SODIUM
 MERCURY (METAL)
 MERCURY VAPOR
 RT CASTING
 LEVITATION MELTING
 LUBRICANTS
 MELTING
 METAL VAPORS

LIQUID NEON
 GS CHEMICAL ELEMENTS
 RARE GASES
 NEON
LIQUID NEON
 GASES
 LIQUEFIED GASES
LIQUID NEON
 RARE GASES
 NEON
LIQUID NEON
 LIQUIDS
 LIQUEFIED GASES
 LIQUID NEON

LIQUID NITROGEN
 GS CHEMICAL ELEMENTS
 NITROGEN
LIQUID NITROGEN
 GASES
 LIQUEFIED GASES
LIQUID NITROGEN
 NITROGEN
LIQUID NITROGEN
 LIQUIDS
 CRYOGENIC FLUIDS
LIQUID NITROGEN
 LIQUEFIED GASES
LIQUID NITROGEN
 RT SOLID CRYOGENS

LIQUID OXIDIZERS
 GS LIQUIDS
LIQUID OXIDIZERS
 OXIDIZERS
LIQUID OXIDIZERS
 RT ROCKET OXIDIZERS

LIQUID OXYGEN
 UF LOX (OXYGEN)
 GS GASES
 LIQUEFIED GASES
LIQUID OXYGEN
 OXYGEN
LIQUID OXYGEN
 LIQUIDS
 CRYOGENIC FLUIDS
LIQUID OXYGEN
 LIQUEFIED GASES
LIQUID OXYGEN
 OXIDIZERS
LIQUID OXYGEN
 RT CRYOGENIC ROCKET PROPELLANTS

LIQUID OXYGEN-(CONT)
 FLOX
 ROCKET OXIDIZERS

LIQUID PHASE EPITAXY
 GS GROWTH
 CRYSTAL GROWTH
 EPITAXY
LIQUID PHASE EPITAXY
 RT CRYSTAL STRUCTURE
 LIQUID PHASES
 VAPOR PHASE EPITAXY

LIQUID PHASES
 RT ALLOYS
 CRITICAL PRESSURE
 ELECTROEPITAXY
 EUTECTICS
 LIQUID PHASE EPITAXY
 LIQUIDS
 LIQUIDS
 MELTING POINTS
 PHASE DIAGRAMS
 PHASES
 SOLID PHASES
 SOLID SOLUTIONS
 SOLIDUS
 SOLUBILITY
 SUPERCRITICAL PRESSURES
 SYNTACTIC ALLOYS
 TRANSITION TEMPERATURE
 VAPOR PHASE EPITAXY
 VAPOR PHASES

LIQUID PLUS SOLID ZONES
 USE MUSHY ZONES

LIQUID POTASSIUM
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 POTASSIUM
LIQUID POTASSIUM
 LIQUIDS
 LIQUID METALS
LIQUID POTASSIUM
 METALS
 ALKALI METALS
 POTASSIUM
LIQUID POTASSIUM
 LIQUID METALS
 LIQUID POTASSIUM

LIQUID PROPELLANT ROCKET ENGINES
 GS ENGINES
 ROCKET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
 AJ-10 ENGINE
 F-1 ROCKET ENGINE
 H-1 ENGINE
 HYDRAZINE ENGINES
 HYDROGEN OXYGEN ENGINES
 J-2 ENGINE
 M-1 ENGINE
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 LIQUID AIR CYCLE ENGINES
 LR-62-RM-2 ENGINE
 LR-87-AJ-5 ENGINE
 LR-91-AJ-5 ENGINE
 LR-99 ENGINE
 MA-2 ENGINE
 MA-3 ENGINE
 MA-5 ENGINE
 RL-10 ENGINES
 RL-10-A-1 ENGINE
 RL 10-A-3 ENGINE
 SPACE SHUTTLE MAIN ENGINE
 X-405 ENGINE
 XLR-99 ENGINE
 YLR-91-AJ-1 ENGINE
 RT ABLESTAR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 BLACK KNIGHT ROCKET VEHICLE
 BLUE STEEL MISSILE
 BLUE STREAK LAUNCH VEHICLE
 BLUE STREAK MISSILE
 BOMARC A MISSILE
 BOMARC B MISSILE
 BOOSTER ROCKET ENGINES
 CENTAUR LAUNCH VEHICLE
 CORPORAL MISSILE
 CORVUS MISSILE
 DIAMANT LAUNCH VEHICLE

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LIQUID PROPELLANT ROCKET-(CONT)
 DORNIER PARAGLIDER ROCKET VEHICLE
 DUCTED ROCKET ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 HYLA-STAR ROCKET VEHICLE
 INTERNAL COMBUSTION ENGINES
 JUNO LAUNCH VEHICLES
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 JUPITER MISSILE
 LANCE MISSILE
 METEOR 1 ROCKET VEHICLE
 NAVAHO MISSILE
 NIKE-AJAX MISSILE
 NOMAD LAUNCH VEHICLE
 NOVA LAUNCH VEHICLES
 PROPELLANT TANKS
 RESTARTABLE ROCKET ENGINES
 RETROCKET ENGINES
 SATURN S-1 STAGE
 SATURN S-1B STAGE
 SATURN S-1C STAGE
 SATURN S-2 STAGE
 SATURN S-4 STAGE
 SATURN S-4B STAGE
 SATURN STAGES
 SOLID PROPELLANT ROCKET ENGINES
 SPARROW 3 MISSILE
 SUSTAINER ROCKET ENGINES
 TALOS MISSILE
 THOR ABLE ROCKET VEHICLE
 THOR AGENA LAUNCH VEHICLE
 THOR DELTA LAUNCH VEHICLE
 THOR LAUNCH VEHICLES
 THORAD LAUNCH VEHICLES
 TITAN ICBM
 TITAN LAUNCH VEHICLES
 V-1 MISSILE
 V-2 MISSILE
 VANGUARD 2 LAUNCH VEHICLE
 VEGA LAUNCH VEHICLE
 VERNIER ENGINES
 VERONIQUE ROCKET VEHICLES
 VIKING ROCKET VEHICLE

LIQUID ROCKET PROPELLANTS
 UF BIPROPELLANTS
 TRIPROPELLANTS
 GS LIQUIDS
 LIQUID FUELS
LIQUID ROCKET PROPELLANTS
 CRYOGENIC ROCKET PROPELLANTS
 HYPERGOLIC ROCKET PROPELLANTS
 MONOPROPELLANTS
 AEROZINE
 RP-1 ROCKET PROPELLANTS
 SLURRY PROPELLANTS
 PROPELLANTS
 ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
 CRYOGENIC ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYPERGOLIC ROCKET PROPELLANTS
 MONOPROPELLANTS
 AEROZINE
 RP-1 ROCKET PROPELLANTS
 SLURRY PROPELLANTS
 RT AIRCRAFT FUELS
 CHLORINE FLUORIDES
 FUEL TANK PRESSURIZATION
 GASEOUS ROCKET PROPELLANTS
 HIGH ENERGY PROPELLANTS
 HYBRID PROPELLANTS
 HYDRAZINES
 HYDROGEN FUELS
 LIQUEFIED GASES
 NITROGEN TETROXIDE
 PROPELLANT SPRAYS
 SOLID ROCKET PROPELLANTS
 STORABLE PROPELLANTS

LIQUID ROTATION
 USE ROTATING LIQUIDS

LIQUID SLOSHING
 UF SLOSHING
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 BAFFLES
 CONTROLLABILITY
 FUEL CONTROL

LIQUID SLOSHING-(CONT)

FUEL TANKS
INTERFACE STABILITY
PROPELLANT TANKS
PROPELLANT TRANSFER
ROTATING FLUIDS
SPACECRAFT STABILITY
STORAGE STABILITY
TANK GEOMETRY
ULLAGE

LIQUID SODIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
SODIUM
LIQUID SODIUM
LIQUIDS
LIQUID METALS
LIQUID SODIUM
METALS
ALKALI METALS
SODIUM
LIQUID SODIUM
LIQUID METALS
LIQUID SODIUM

LIQUID SURFACES

GS LIQUID SURFACES
MENISCI
RT FLUID BOUNDARIES
FREE BOUNDARIES
INTERFACIAL TENSION
JET BOUNDARIES
SOLID SURFACES
SURFACE WAVES
∞ SURFACES

LIQUID WASTES

GS WASTES
LIQUID WASTES
URINE
WASTE WATER
RT DRAINAGE
EFFLUENTS
HUMAN WASTES
INDUSTRIAL WASTES
METABOLIC WASTES
PONDS
SEWAGE
SLUDGE
SOLID WASTES

LIQUID-GAS MIXTURES

GS MIXTURES
DISPERSIONS
LIQUID-GAS MIXTURES
AEROSOLS
FOG
RT AIR WATER INTERACTIONS
BINARY MIXTURES
GAS MIXTURES
MENISCI
SOLUBILITY
VAPOR PHASES
VAPOR PRESSURE

LIQUID-LIQUID INTERFACES

GS BOUNDARIES
FLUID BOUNDARIES
LIQUID-LIQUID INTERFACES
INTERFACES
FLUID BOUNDARIES
LIQUID-LIQUID INTERFACES
RT BOUNDARY LAYERS
FREE BOUNDARIES
HEAT TRANSFER
INTERFACE STABILITY
INTERFACIAL ENERGY
INTERFACIAL TENSION
PRESSURE GRADIENTS
SOLUBILITY

LIQUID-SOLID INTERFACES

GS BOUNDARIES
FLUID BOUNDARIES
LIQUID-SOLID INTERFACES
INTERFACES
FLUID BOUNDARIES
LIQUID-SOLID INTERFACES
RT BOUNDARY LAYERS
FLUID FILMS
FLUID-SOLID INTERACTIONS
∞ FUSION
HEAT TRANSFER
INTERFACE STABILITY

LIQUID-SOLID INTERFACES-(CONT)

MELTING
MENISCI
METAL SURFACES
PHASE CHANGE MATERIALS
SOLID PHASES
SOLID-SOLID INTERFACES
SQUEEZE FILMS

LIQUID-VAPOR EQUILIBRIUM

UF VAPOR LIQUID EQUILIBRIUM
RT ∞ EQUILIBRIUM
THERMODYNAMIC EQUILIBRIUM
VAPORS

LIQUID-VAPOR INTERFACES

GS BOUNDARIES
FLUID BOUNDARIES
LIQUID-VAPOR INTERFACES
INTERFACES
FLUID BOUNDARIES
LIQUID-VAPOR INTERFACES
RT AIR WATER INTERACTIONS
EVAPORATION
FREE BOUNDARIES
HEAT TRANSFER
INTERFACE STABILITY
MENISCI
PRESSURE GRADIENTS
SOLUBILITY
VAPOR PHASES
VAPOR PRESSURE

LIQUIDS

GS LIQUIDS
CRYOGENIC FLUIDS
FERMI LIQUIDS
FLOX
LIQUID HELIUM
LIQUID HYDROGEN
LIQUID NITROGEN
LIQUID OXYGEN
FERROFLUIDS
HYDRAULIC FLUIDS
SKYDROL (TRADEMARK)
JUICES
LIQUEFIED GASES
LIQUID AMMONIA
LIQUID HELIUM
LIQUID HYDROGEN
LIQUID NEON
LIQUID NITROGEN
LIQUID OXYGEN
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
PROPELLANTS
MONOPROPELLANTS
AEROZINE
RP-1 ROCKET PROPELLANTS
SLURRY PROPELLANTS
LIQUID METALS
LIQUID LITHIUM
LIQUID POTASSIUM
LIQUID SODIUM
MERCURY (METAL)
MERCURY VAPOR
LIQUID OXIDIZERS
ORGANIC LIQUIDS
POTABLE LIQUIDS
BEVERAGES
WINES
ROTATING LIQUIDS
RT ∞ FLUIDS
GLOBULES
GLYCEROLS
LIQUID PHASES
NONPOINT SOURCES
PHASE DIAGRAMS
VAPOR PHASES
WATER

LIQUIDS

RT CRYSTALLIZATION
LIQUID PHASES
MELTING POINTS
PHASE DIAGRAMS
SOLID PHASES
SOLID SOLUTIONS
SOLIDUS

LIRTS (TELESCOPE)

UF LARGE INFRARED TELESCOPE ON
SPACELAB

LIRTS (TELESCOPE)-(CONT)

GS TELESCOPES
SPACEBORNE TELESCOPES
LIRTS (TELESCOPE)
RT EUROPEAN SPACE AGENCY
PAYLOADS
SPACE SHUTTLES
SPACELAB

LISP (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
LISP (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING
RECURSIVE FUNCTIONS

LISSAJOUS FIGURES

RT ECCENTRIC ORBITS
EQUATIONS OF MOTION
LIBRATION
LUNAR ORBITS
SATELLITE ORBITS

LISTS

GS LISTS
HARDWARE UTILIZATION LISTS
RT ∞ CATALOGS
DISPLAY DEVICES
ENUMERATION
INDEXES (DOCUMENTATION)
PRINTOUTS

LITERATURE

GS LITERATURE
BIOGRAPHY
DOCUMENTATION
RT BIBLIOGRAPHIES
DOCUMENTS
INDEXES (DOCUMENTATION)
KNOWLEDGE
LIBRARIES
PAPERS
PHILOSOPHY

LITHERGOL ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
HYBRID PROPELLANT ROCKET
ENGINES
LITHERGOL ROCKET ENGINES

LITHERGOLIC PROPELLANTS

USE HYBRID PROPELLANTS

LITHIASIS

GS DISEASES
LITHIASIS
RT CALCULI
DENTAL CALCULI

LITHIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES
METALS
ALKALI METALS
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES

LITHIUM ALLOYS

GS ALLOYS
LITHIUM ALLOYS

LITHIUM ALUMINUM HYDRIDES

GS ALUMINUM COMPOUNDS
LITHIUM ALUMINUM HYDRIDES
HYDROGEN COMPOUNDS
HYDRIDES
METAL HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
LITHIUM COMPOUNDS
LITHIUM ALUMINUM HYDRIDES
RT POWDERED ALUMINUM

LITHIUM BORATES

GS BORON COMPOUNDS
BORATES
LITHIUM BORATES
LITHIUM COMPOUNDS
LITHIUM BORATES

LITHIUM CHLORIDES

LITHIUM CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
LITHIUM CHLORIDES
HALIDES
CHLORIDES
LITHIUM CHLORIDES
METAL HALIDES
LITHIUM CHLORIDES
LITHIUM COMPOUNDS
LITHIUM CHLORIDES

LITHIUM COMPOUNDS

GS LITHIUM COMPOUNDS
LITHIUM ALUMINUM HYDRIDES
LITHIUM BORATES
LITHIUM CHLORIDES
LITHIUM FLUORIDES
LITHIUM HYDRIDES
LITHIUM HYDROXIDES
LITHIUM IODATES
LITHIUM NIOBATES
LITHIUM OXIDES
LITHIUM PERCHLORATES
LITHIUM SULFATES
ORGANIC LITHIUM COMPOUNDS
SPODUMENE
RT ∞ALKALI METAL COMPOUNDS
∞CHEMICAL COMPOUNDS
∞METAL COMPOUNDS
METAL FUELS

LITHIUM COOLED REACTOR EXPERIMENT

UF LCRE REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
LITHIUM COOLED REACTOR
EXPERIMENT

LITHIUM FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
LITHIUM FLUORIDES
HALIDES
METAL HALIDES
LITHIUM FLUORIDES
LITHIUM COMPOUNDS
LITHIUM FLUORIDES

LITHIUM HYDRIDES

GS HYDROGEN COMPOUNDS
HYDRIDES
METAL HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
LITHIUM COMPOUNDS
LITHIUM HYDRIDES

LITHIUM HYDROXIDES

GS ALKALIES
LITHIUM HYDROXIDES
HYDROXIDES
LITHIUM HYDROXIDES
LITHIUM COMPOUNDS
LITHIUM HYDROXIDES

LITHIUM IODATES

GS HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODATES
LITHIUM IODATES
LITHIUM COMPOUNDS
LITHIUM IODATES
RT ∞METAL COMPOUNDS

LITHIUM ISOTOPES

UF LITHIUM 4
LITHIUM 6
GS CHEMICAL ELEMENTS
ALKALI METALS
LITHIUM
LITHIUM ISOTOPES
NUCLIDES
ISOTOPES
LITHIUM ISOTOPES
METALS
ALKALI METALS
LITHIUM
LITHIUM ISOTOPES

LITHIUM NIOBATES

GS LITHIUM COMPOUNDS
LITHIUM NIOBATES

LITHIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
LITHIUM OXIDES
LITHIUM COMPOUNDS
LITHIUM OXIDES

LITHIUM PERCHLORATES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
PERCHLORATES
LITHIUM PERCHLORATES
LITHIUM COMPOUNDS
LITHIUM PERCHLORATES

LITHIUM SULFATES

GS LITHIUM COMPOUNDS
LITHIUM SULFATES
SULFUR COMPOUNDS
SULFATES
LITHIUM SULFATES

LITHIUM SULFUR BATTERIES

GS ELECTROCHEMICAL CELLS
LITHIUM SULFUR BATTERIES
RT ∞CELLS
∞ELECTRIC CELLS
∞ENERGY SOURCES
∞POWER SUPPLIES

LITHIUM 4

USE LITHIUM ISOTOPES

LITHIUM 6

USE LITHIUM ISOTOPES

LITHOGRAPHY

GS PRINTING
LITHOGRAPHY
PHOTOLITHOGRAPHY
RT PHOTOMECHANICAL EFFECT
REPRODUCTION (COPYING)

LITHOLOGY

GS GEOLOGY
LITHOLOGY
RT REGOLITH
ROCKS

LITHOSPHERE

GS LITHOSPHERE
EARTH CORE
EARTH CRUST
EARTH MANTLE
EARTH SURFACE
RT EARTH PLANETARY STRUCTURE
PLANETARY MANTLES
PLATES (TECTONICS)
SUBDUCTION (GEOLOGY)

LITHUANIA

RT EUROPE
NATIONS

LITTLE JOE 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
LITTLE JOE 2 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
LITTLE JOE 2 LAUNCH VEHICLE
RT ALGOL ENGINE
MERCURY PROJECT
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE
XM-33 ENGINE

LITTLE JOHN ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
LITTLE JOHN ROCKET VEHICLE
SURFACE TO SURFACE ROCKETS
LITTLE JOHN ROCKET VEHICLE
RT HERCULES ENGINE
SOLID PROPELLANT ROCKET ENGINES

LITTORAL CURRENTS

USE COASTAL CURRENTS

NASA THESAURUS (VOLUME 1)

LITTORAL DRIFT

RT BARS (LANDFORMS)
BEACHES
BREAKWATERS
COASTS
OCEAN CURRENTS
SANDS
SEDIMENTS

LITTORAL TRANSPORT

RT BREAKWATERS
OCEAN CURRENTS
SANDS
WATER WAVES
∞WAVES

LIVER

GS ANATOMY
ORGANS
LIVER
VISCERA
ORGANS
LIVER
RT GASTROINTESTINAL SYSTEM
GLANDS (ANATOMY)
HEPATITIS
TYROSINE

LIVERMORE POOL TYPE REACTOR

UF LPTR REACTOR
GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
LIVERMORE POOL TYPE REACTOR

LIVESTOCK

GS ANIMALS
LIVESTOCK
RT CALVES
CATTLE
DEER
GOATS
HORSES
RANGELANDS
SHEEP
SWINE
TURKEYS

LIXISCOPES

UF LOW INTENSITY X RAY IMAGING SCOPE
GS MEDICAL EQUIPMENT
X RAY APPARATUS
LIXISCOPES
RT PORTABLE EQUIPMENT
RADIOGRAPHY
X RAY ASTRONOMY
X RAY IMAGERY

LIZARDS

GS ANIMALS
POIKILOthermia
REPTILES
LIZARDS
VERTEBRATES
REPTILES
LIZARDS

LLANOS ORIENTALES (COLOMBIA)

GS LAND
GRASSLANDS
LLANOS ORIENTALES (COLOMBIA)
PLAINS
LLANOS ORIENTALES (COLOMBIA)
RT COLOMBIA

LMCR (REACTORS)

USE LIQUID METAL COOLED REACTORS

LMFBR

USE LIQUID METAL FAST BREEDER
REACTORS

LNG

USE LIQUEFIED NATURAL GAS

LOAD DISTRIBUTION (FORCES)

GS DISTRIBUTION (PROPERTY)
LOAD DISTRIBUTION (FORCES)
RT ∞DISTRIBUTION

LOAD FACTORS

USE LOADS (FORCES)

LOAD TESTING MACHINES RT ∞ MACHINERY ∞ TEST EQUIPMENT

LOAD TESTS

RT COMPRESSION TESTS
 CREEP TESTS
 DESTRUCTIVE TESTS
 FATIGUE TESTS
 IMPACT TESTS
 LOADING RATE
 NONDESTRUCTIVE TESTS
 SHOCK TESTS
 SPECIMEN GEOMETRY
 SPIN TESTS
 STATIC TESTS
 TENSILE TESTS
 ∞ TESTS

∞ LOADING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 UF DUMMY LOADS
 RT FEEDING (SUPPLYING)
 FILLING
 INPUT
 LOADING OPERATIONS
 LOADS (FORCES)
 PAYLOADS
 REFILLING
 REPLENISHMENT
 SHAFTS (MACHINE ELEMENTS)
 SWEEP EFFECT

LOADING FORCES

USE LOADS (FORCES)

LOADING MOMENTS

GS MOMENTS
 RT **LOADING MOMENTS**
 AERODYNAMIC LOADS
 BENDING MOMENTS
 FLEXING
 LOADS (FORCES)
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 PRESSURE DISTRIBUTION
 STATIC LOADS
 STRUCTURAL ANALYSIS
 TORQUE

LOADING OPERATIONS

RT FEEDERS
 ∞ LOADING
 MATERIALS HANDLING
 ∞ OPERATIONS
 UNLOADING

LOADING RATE

GS RATES (PER TIME)
LOADING RATE
 RT IMPACT LOADS
 LOAD TESTS
 LOADS (FORCES)
 STRAIN RATE
 VELOCITY

LOADING WAVES

USE ELASTIC WAVES
 LOADS (FORCES)

LOADS (FORCES)

UF LOAD FACTORS
 LOADING FORCES
 LOADING WAVES
 GS **LOADS (FORCES)**
 AXIAL LOADS
 AXIAL COMPRESSION LOADS
 COMPRESSION LOADS
 AXIAL COMPRESSION LOADS
 IMPACT LOADS
 CRITICAL LOADING
 DYNAMIC LOADS
 AERODYNAMIC LOADS
 BLAST LOADS
 GUST LOADS
 CYCLIC LOADS
 ROLLING CONTACT LOADS
 THRUST LOADS
 TRANSIENT LOADS
 GUST LOADS
 IMPACT LOADS
 LANDING LOADS
 SHOCK LOADS

LOADS (FORCES)-(CONT)

BLAST LOADS
 VIBRATORY LOADS
 WING LOADING
 EDGE LOADING
 RANDOM LOADS
 GUST LOADS
 STATIC LOADS
 RT BALLAST (MASS)
 ∞ EQUILIBRIUM
 ∞ FORCE
 FORCE DISTRIBUTION
 HUGONIOT EQUATION OF STATE
 ∞ LOADING
 LOADING MOMENTS
 LOADING RATE
 MASS DISTRIBUTION
 ∞ MECHANICS (PHYSICS)
 MOMENT DISTRIBUTION
 PAYLOADS
 PRESSURE
 PRESSURE DISTRIBUTION
 PRESSURE EFFECTS
 SHAFTS (MACHINE ELEMENTS)
 SHEARING
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS
 STRESSES
 STRUCTURAL DESIGN CRITERIA
 WEIGHT (MASS)
 WIND PRESSURE

∞ LOBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 BACKLOBES
 SIDELOBES

LOCAL GROUP (ASTRONOMY)

GS CELESTIAL BODIES
 GALAXIES
 GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
 ANDROMEDA GALAXIES
 RT BARRED GALAXIES
 COSMOLOGY
 DISK GALAXIES
 DWARF GALAXIES
 ELLIPTICAL GALAXIES
 SPIRAL GALAXIES
 VIRGO GALACTIC CLUSTER

LOCAL SCIENTIFIC SURVEY MODULE

GS MODULES
LOCAL SCIENTIFIC SURVEY MODULE
 RT INSTRUMENT PACKAGES
 LUNAR EXPLORATION
 MEASURING INSTRUMENTS

LOCALIZATION

USE POSITION (LOCATION)

LOCATES SYSTEM

UF LOCATION OF AIR TRAFFIC SATELLITES
 RT AIR TRAFFIC CONTROL
 BEACON SATELLITES
 NAVIGATION SATELLITES
 SATELLITE GUIDANCE
 ∞ SYSTEMS

LOCATION

USE POSITION (LOCATION)

LOCATION OF AIR TRAFFIC SATELLITES

USE LOCATES SYSTEM

LOCI

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 ANALYTIC GEOMETRY
LOCI
 RT ∞ CENTERS
 CONICS
 FOCI
 LINE OF SIGHT
 POINTS (MATHEMATICS)
 RESOLUTION

LOCKHEED AIRCRAFT

GS **LOCKHEED AIRCRAFT**
 C-5 AIRCRAFT

LOCKHEED AIRCRAFT-(CONT)

C-121 AIRCRAFT
 C-130 AIRCRAFT
 C-140 AIRCRAFT
 C-141 AIRCRAFT
 CL-823 AIRCRAFT
 EC-121 AIRCRAFT
 ELECTRA AIRCRAFT
 F-94 AIRCRAFT
 F-104 AIRCRAFT
 L-1011 AIRCRAFT
 L-2000 AIRCRAFT
 LOCKHEED MODEL 18 AIRCRAFT
 P-3 AIRCRAFT
 T-33 AIRCRAFT
 U-2 AIRCRAFT
 XH-51 HELICOPTER
 XV-4 AIRCRAFT
 RT ∞ AIRCRAFT

LOCKHEED C-5 AIRCRAFT

USE C-5 AIRCRAFT

LOCKHEED CL-595 HELICOPTER

USE XH-51 HELICOPTER

LOCKHEED CL-823 AIRCRAFT

USE CL-823 AIRCRAFT

LOCKHEED CONSTELLATION AIRCRAFT

USE C-121 AIRCRAFT

LOCKHEED L-2000 AIRCRAFT

USE L-2000 AIRCRAFT

LOCKHEED MODEL 18 AIRCRAFT

GS **LOCKHEED AIRCRAFT**
LOCKHEED MODEL 18 AIRCRAFT
 MONOPLANES
LOCKHEED MODEL 18 AIRCRAFT
 TRANSPORT AIRCRAFT
LOCKHEED MODEL 18 AIRCRAFT
 RT ∞ AIRCRAFT

LOCKHEED U-2 AIRCRAFT

USE U-2 AIRCRAFT

LOCKHEED XV-4A AIRCRAFT

USE XV-4 AIRCRAFT

LOCKHEED 186 HELICOPTER

USE XH-51 HELICOPTER

LOCKING

UF INTERLOCKING
 GS **LOCKING**
 LASER MODE LOCKING
 RT FASTENERS
 ∞ JOINING
 LOCKS (FASTENERS)
 RETAINING

∞ LOCKS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR LOCKS
 LOCKS (FASTENERS)

LOCKS (FASTENERS)

GS **FASTENERS**
LOCKS (FASTENERS)
 RT **LOCKING**
 ∞ LOCKS

LOCOMOTION

UF MOTILITY
 GS **LOCOMOTION**
 ASTRONAUT LOCOMOTION
 WALKING
 RT EXERCISE PHYSIOLOGY
 NAVIGATION
 PHYSIOLOGY
 PROPULSION
 WHEELCHAIRS

LOCOMOTIVES

RT DIESEL ENGINES
 HANDLING EQUIPMENT
 RAIL TRANSPORTATION
 WINDSHIELDS

LOCUSTS

GS ANIMALS

LOFAR

LOCUSTS-(CONT)

INVERTEBRATES
ARTHROPODS
INSECTS

LOCUSTS
RT FARM CROPS
FOLIAGE
INFESTATION
VEGETATION

LOFAR

RT SONAR
UNDERWATER ACOUSTICS

LOFTI SATELLITES

USE LOW FREQUENCY TRANSIONOSPHERIC
SATELLITES

LOFTING

RT AIRCRAFT DESIGN
ASCENT TRAJECTORIES
COMPUTER AIDED DESIGN
DIFFERENTIAL GEOMETRY
ENGINEERING DRAWINGS
MATHEMATICAL MODELS
SPACECRAFT DESIGN
STRUCTURAL DESIGN
∞ SURFACE GEOMETRY
TEMPLATES

LOG PERIODIC ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
LOG PERIODIC ANTENNAS
RT ANTENNA ARRAYS
ANTENNA DESIGN
BROADBAND
DIPOLE ANTENNAS
∞ FREQUENCY RESPONSE

LOG SPIRAL ANTENNAS

GS ANTENNAS
SPIRAL ANTENNAS
LOG SPIRAL ANTENNAS
RT DIPOLE ANTENNAS

LOGARITHMIC RECEIVERS

GS RECEIVERS
LOGARITHMIC RECEIVERS
RT COMMUNICATION EQUIPMENT
∞ FREQUENCY RESPONSE
INTERMEDIATE FREQUENCY AMPLIFIERS
TRANSFER FUNCTIONS

LOGARITHMS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
EXPONENTIAL FUNCTIONS
LOGARITHMS
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
EXPONENTIAL FUNCTIONS
LOGARITHMS
RT EXPONENTS

LOGGING (INDUSTRY)

RT FORESTS
TREES (PLANTS)

∞ LOGIC

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARTIFICIAL INTELLIGENCE
AXIOMS
BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMPLEMENTS (MATHEMATICS)
EXPERT SYSTEMS
FLUID LOGIC
FLUIDICS
FORMALISM
INFORMATION THEORY
LOGIC CIRCUITS
LOGIC DESIGN
MATHEMATICAL LOGIC
PARADOXES
PHILOSOPHY
∞ PRINCIPLES
THRESHOLD LOGIC
TRANSISTOR LOGIC

LOGIC CIRCUITS

UF LOGIC NETWORKS

LOGIC CIRCUITS-(CONT)

GS CIRCUITS
LOGIC CIRCUITS
THRESHOLD GATES
RT ADDING CIRCUITS
ARCHITECTURE (COMPUTERS)
CENTRAL PROCESSING UNITS
COMPUTERS
COUNTING CIRCUITS
DECISIONS
DIGITAL COMPUTERS
FLUID LOGIC
GATES (CIRCUITS)
∞ LOGIC
LOGICAL ELEMENTS
MATRICES (CIRCUITS)
MULTIPLIERS
MULTIVIBRATORS
NEURAL NETS
∞ RELAY
SWITCHING CIRCUITS
THRESHOLD LOGIC
TRANSISTOR CIRCUITS
TRANSISTOR LOGIC

LOGIC DESIGN

RT AMPLIFIER DESIGN
ARCHITECTURE (COMPUTERS)
COMPUTER AIDED DESIGN
COMPUTER DESIGN
COMPUTER PROGRAMMING
∞ DESIGN
DESIGN ANALYSIS
∞ LOGIC
LOGIC PROGRAMMING
LOGICAL ELEMENTS
SWITCHING THEORY
TRANSISTOR LOGIC

LOGIC NETWORKS

USE LOGIC CIRCUITS

LOGIC PROGRAMMING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
LOGIC PROGRAMMING
RT ARTIFICIAL INTELLIGENCE
EXPERT SYSTEMS
LOGIC DESIGN

LOGICAL ELEMENTS

UF DECISION ELEMENTS
RT COMPUTER COMPONENTS
∞ ELEMENTS
GATES (CIRCUITS)
LOGIC CIRCUITS
LOGIC DESIGN

LOGISTICS

GS **LOGISTICS**
LUNAR LOGISTICS
SPACE LOGISTICS
RT AIRCRAFT MAINTENANCE
ARMY-NAVY INSTRUMENTATION
PROGRAM
COMMAND AND CONTROL
CONSUMABLES (SPACECRAFT)
CRANES
DEPLOYMENT
DOWNTIME
∞ ELECTRIC EQUIPMENT
ENERGY POLICY
∞ FACILITIES
INVENTORY MANAGEMENT
MAINTENANCE
MATRIX MANAGEMENT
PORTABLE EQUIPMENT
RAPID TRANSIT SYSTEMS
RESOURCE ALLOCATION
RESOURCES
SERVICES
SHIPYARDS
SITE SELECTION
STOCKPILING
∞ STORAGE
STOWAGE (ONBOARD EQUIPMENT)
TRANSPORTATION
∞ TRAVEL
UTILITIES

LOGISTICS MANAGEMENT

GS MANAGEMENT
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS

NASA THESAURUS (VOLUME 1)

LOGISTICS MANAGEMENT-(CONT)

RT ∞ FACILITIES
MAINTENANCE
RESOURCES
SERVICES
SPARE PARTS
∞ STORAGE

LOGISTICS OVER THE SHORE (LOTS) CARRIER

RT MILITARY TECHNOLOGY

LOH HELICOPTER

USE OH-6 HELICOPTER

LOKI ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
LOKI ROCKET VEHICLE
SOUNDING ROCKETS
LOKI ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
WASP SOUNDING ROCKET

LOLA (SIMULATOR)

USE LUNAR ORBIT AND LANDING
SIMULATORS

LOMONOSOV CURRENT

GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
LOMONOSOV CURRENT
RT ATLANTIC OCEAN
GULF STREAM
TROPICAL REGIONS

LONG DURATION EXPOSURE FACILITY

UF LDEF
GS LABORATORIES
LONG DURATION EXPOSURE FACILITY
MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
**LONG DURATION EXPOSURE
FACILITY**
SATELLITES
ARTIFICIAL SATELLITES
ORBITAL SPACE STATIONS
**LONG DURATION EXPOSURE
FACILITY**
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
**LONG DURATION EXPOSURE
FACILITY**
RT SPACE LABORATORIES

LONG DURATION SPACE FLIGHT

UF EXTENDED DURATION SPACE FLIGHT
GS SPACE FLIGHT
INTERPLANETARY FLIGHT
LONG DURATION SPACE FLIGHT
RT DEEP SPACE
EXTRATERRESTRIAL ENVIRONMENTS
∞ FLIGHT
FLYBY MISSIONS
INTERSTELLAR TRAVEL
MANNED SPACE FLIGHT
∞ MISSIONS
PLANETARY ENVIRONMENTS
SPACE ADAPTATION SYNDROME

LONG ISLAND (NY)

GS LANDFORMS
ISLANDS
LONG ISLAND (NY)
RT ATLANTIC OCEAN
NEW YORK

LONG RANGE NAVIGATION

USE LORAN
LORAN D

LONG RANGE WEATHER FORECASTING

GS FORECASTING
WEATHER FORECASTING
**LONG RANGE WEATHER
FORECASTING**
METEOROLOGY
WEATHER FORECASTING
**LONG RANGE WEATHER
FORECASTING**
RT NUMERICAL WEATHER FORECASTING

LONG RANGE WEATHER-(CONT)
STATISTICAL WEATHER FORECASTING

LONG TERM EFFECTS

UF SECULAR PERTURBATION
RT CELESTIAL MECHANICS
CLIMATE
CLOSED ECOLOGICAL SYSTEMS
CYCLES
DURABILITY
∞ EFFECTS
LIFE (DURABILITY)
LIFE SUPPORT SYSTEMS
ORBIT PERTURBATION
∞ PERFORMANCE
PERIODIC VARIATIONS
PERTURBATION
STORAGE STABILITY
TIME TEMPERATURE PARAMETER
WEATHER

**LONG TERM ZONAL EARTH ENERGY
EXPERIMENT**
USE LZEERB SATELLITE

LONG WAVE RADIATION

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
LONG WAVE RADIATION
RT FAR INFRARED RADIATION
MONOCHROMATIC RADIATION
∞ RADIATION
SHORT WAVE RADIATION
SOLAR RADIATION

LONG WAVES (METEOROLOGY)
USE PLANETARY WAVES

LONGERONS

UF ASTROMASTS
GS STRUCTURAL MEMBERS
LONGERONS
RT KEELS
REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
STRAKES
STRINGERS
STRUCTURAL STABILITY

∞ LONGEVITY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT LIFE (DURABILITY)
LIFE SPAN

LONGITUDE

GS LONGITUDE
SOLAR LONGITUDE
RT COORDINATES
GEODETTIC COORDINATES
LATITUDE
POSITION (LOCATION)

LONGITUDE MEASUREMENT

RT LATITUDE MEASUREMENT
∞ MEASUREMENT
NAVIGATION
POSITIONING

LONGITUDINAL CONTROL

UF PITCH ATTITUDE CONTROL
GS ATTITUDE CONTROL
LONGITUDINAL CONTROL
RT AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
HELICOPTER CONTROL
LATERAL CONTROL
MANUAL CONTROL
MISSILE CONTROL
PILOT INDUCED OSCILLATION
PITCH (INCLINATION)
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL

LONGITUDINAL STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
LONGITUDINAL STABILITY

LONGITUDINAL STABILITY-(CONT)

STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
LONGITUDINAL STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DIRECTIONAL STABILITY
FLOW STABILITY
HOVERING STABILITY
LATERAL STABILITY
PITCH (INCLINATION)
PITCHING MOMENTS
POGO EFFECTS
ROTARY STABILITY
SPACECRAFT STABILITY

LONGITUDINAL WAVES

GS LONGITUDINAL WAVES
PLANE WAVES
RT BEAMS (RADIATION)
DILATATIONAL WAVES
ELASTIC WAVES
ELECTROSTATIC WAVES
FREQUENCIES
NORMAL SHOCK WAVES
∞ RADIATION
SEISMIC WAVES
SHOCK WAVES
SOLAR RADIATION
SOUND WAVES
TRANSVERSE WAVES
WAVE PACKETS
WAVELENGTHS
∞ WAVES

LONGSHORE CURRENTS

USE COASTAL CURRENTS

LOOK ANGLES (ELECTRONICS)

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
LOOK ANGLES (ELECTRONICS)
RT ALIGNMENT
DIRECTIVITY
INSTALLING
INSTRUMENT ORIENTATION
OPTICAL EQUIPMENT
POSITIONING
RADAR EQUIPMENT

LOOK ANGLES (TRACKING)

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
LOOK ANGLES (TRACKING)
RT AZIMUTH
ELEVATION ANGLE
FIELD OF VIEW

LOOP ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
LOOP ANTENNAS
RT AIRCRAFT ANTENNAS
LOOPS
MONOPOLE ANTENNAS

LOOPS

GS LOOPS
CORROSION TEST LOOPS
RT CIRCUITS
CLOSED CYCLES
LOOP ANTENNAS
TORUSES
TRUSSES

LOR (RENDEZVOUS)

USE LUNAR ORBITAL RENDEZVOUS

LORAC NAVIGATION SYSTEM

GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
LORAC NAVIGATION SYSTEM
RT DISTANCE MEASURING EQUIPMENT
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SURFACE NAVIGATION
∞ SYSTEMS

LORAN

UF LONG RANGE NAVIGATION
GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
LORAN
LORAN C
LORAN D
RT AIR NAVIGATION
DECCA NAVIGATION
DISTANCE MEASURING EQUIPMENT
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
POLAR NAVIGATION
SOLAR COMPASSES
SURFACE NAVIGATION
SURVEYS

LORAN C

GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
LORAN
LORAN C
RT AIR NAVIGATION
DECCA NAVIGATION
NAVIGATION AIDS

LORAN D

UF LONG RANGE NAVIGATION
GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
LORAN
LORAN D
RT AIR NAVIGATION
DECCA NAVIGATION
NAVIGATION AIDS

LORENTZ CONTRACTION

UF FITZGERALD-LORENTZ CONTRACTION
RT RELATIVITY

LORENTZ FORCE

RT CHARGED PARTICLES
∞ FORCE
MAGNETIC FIELDS
PONDEROMOTIVE FORCES

LORENTZ GAS

GS GASES
LORENTZ GAS
RT GAS DYNAMICS
IONIZED GASES
KINETIC THEORY

LORENTZ TRANSFORMATIONS

GS FUNCTIONS (MATHEMATICS)
LORENTZ TRANSFORMATIONS
RT DIRAC EQUATION
INVARIANCE
MANDELSTAM REPRESENTATION

LORV

USE LOW OBSERVABLE REENTRY VEHICLES

LOS ALAMOS MOLTEN PLUTONIUM REACTOR

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
LOS ALAMOS MOLTEN PLUTONIUM
REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
LOS ALAMOS MOLTEN PLUTONIUM
REACTOR

LOS ALAMOS TURRET REACTOR

USE HIGH TEMPERATURE NUCLEAR
REACTORS

LOS ALAMOS WATER BOILER REACTOR

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
LOS ALAMOS WATER BOILER
REACTOR

LOSS OF COOLANT

UF COOLANT LOSS
GS ACCIDENTS
LOSS OF COOLANT
RT COOLANTS

LOSSES

LOSS OF COOLANT-(CONT)

LEAKAGE
LOSSES
NUCLEAR REACTORS
REACTOR MATERIALS

LOSSES

RT AUDITORY DEFECTS
COMMERCE
DAMAGE
DEPLETION
EDDY CURRENTS
ENERGY DISSIPATION
IMPAIRMENT
INSERTION LOSS
LEAKAGE
LEGAL LIABILITY
LIABILITIES
LOSS OF COOLANT
OHMIC DISSIPATION
PLASMA LOSS
SEEPAGE
TRANSMISSION LOSS
WASTES
WATER LOSS
YIELD

LOSSLESS EQUIPMENT

RT LOSSLESS MATERIALS

LOSSLESS MATERIALS

SN (DIELECTRIC MATERIALS THAT DO NOT
DISSIPATE ENERGY OR THAT DO NOT
DAMPEN OSCILLATIONS)
GS DIELECTRICS
LOSSLESS MATERIALS
RT LOSSLESS EQUIPMENT
∞ MATERIALS

LOSSY MEDIA

RT ELECTROMAGNETIC WAVE
TRANSMISSION
IONOSPHERIC PROPAGATION
TRANSMISSION LOSS
WAVE PROPAGATION

LOST WAX PROCESS

USE INVESTMENT CASTING

LOTS CARGO SHIPS

USE CARGO SHIPS

LOUDNESS

RT ACOUSTICS
EFFECTIVE PERCEIVED NOISE LEVELS
FLUX DENSITY
HEARING
∞ INTENSITY
LEVEL (QUANTITY)
NOISE (SOUND)
NOISE MEASUREMENT
NOISE REDUCTION
POWER SPECTRA
SOUND INTENSITY
SOUND PRESSURE
SOUND WAVES

LOUDSPEAKERS

GS AUDIO EQUIPMENT
LOUDSPEAKERS
TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
LOUDSPEAKERS
RT MONAURAL SIGNALS
RADIO RECEIVERS
SOUND GENERATORS

LOUISIANA

GS NATIONS
UNITED STATES
LOUISIANA
RT ATCHAFALAYA RIVER BASIN (LA)
GULF OF MEXICO
LAKE PONTCHARTRAIN (LA)
MISSISSIPPI DELTA (LA)

∞ LOUNGES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT MOBILE LOUNGES
ROOMS
SEATS

LOUVERS

RT APERTURES
BAFFLES
∞ DIFFUSERS
∞ SCREENING
SHADES
SHIELDING
∞ SHUTTERS
SLOTS
VENTS

LOVE WAVES

GS ELASTIC WAVES
SEISMIC WAVES
LOVE WAVES
RT SURFACE WAVES

LOW ALLOY STEELS

USE HIGH STRENGTH STEELS

LOW ALTITUDE

GS ALTITUDE
LOW ALTITUDE
RT ELEVATION
LOWER ATMOSPHERE
MIDALTITUDE
NAP-OF-THE-EARTH NAVIGATION

LOW ASPECT RATIO

GS RATIOS
ASPECT RATIO
LOW ASPECT RATIO

LOW ASPECT RATIO WINGS

UF DIAMOND WINGS
GS AIRFOILS
WINGS
LOW ASPECT RATIO WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
RT CRUCIFORM WINGS
FIXED WINGS
RIGID WINGS
WING PLANFORMS

LOW CARBON STEELS

GS ALLOYS
IRON ALLOYS
STEELS
CARBON STEELS
LOW CARBON STEELS
RT IRON

LOW CONCENTRATIONS

GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
LOW CONCENTRATIONS
RT DILUTION

LOW CONDUCTIVITY

RT ELECTRIC CURRENT
ELECTRICAL RESISTIVITY

LOW COST

GS COSTS
LOW COST
RT ECONOMY

LOW CURRENTS

GS ELECTRIC CURRENT
LOW CURRENTS
RT LOW VOLTAGE
PLASMA CURRENTS

LOW DENSITY FLOW

RT ∞ FLOW
FLUID DYNAMICS
MOLECULAR FLOW
RAREFIED GAS DYNAMICS
RAREFIED GASES

LOW DENSITY GASES

USE RAREFIED GASES

LOW DENSITY MATERIALS

RT ABSORBENTS
ABSORBERS (MATERIALS)
FOAMS
GRANULAR MATERIALS
HONEYCOMB CORES
HONEYCOMB STRUCTURES
LIGHT ELEMENTS
∞ MATERIALS
POLYURETHANE FOAM

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LOW DENSITY MATERIALS-(CONT)

POROUS MATERIALS
POROUS PLATES
POWDER METALLURGY

LOW DENSITY RESEARCH

GS RESEARCH
LOW DENSITY RESEARCH
RT BLOWDOWN WIND TUNNELS
COLLISIONLESS PLASMAS
COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
NONUNIFORM PLASMAS
PLASMAS (PHYSICS)
RAREFIED GASES
SHOCK TUBES
SHOCK TUNNELS
SHOCK WAVE LUMINESCENCE
ULTRAHIGH VACUUM
VACUUM APPARATUS

LOW DENSITY WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
LOW DENSITY WIND TUNNELS
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
PLASMA JETS
RAREFIED GAS DYNAMICS
SHOCK TUBES
SHOCK TUNNELS
SLIP FLOW
SUPERSONIC WIND TUNNELS

LOW FREQUENCIES

GS FREQUENCIES
RADIO FREQUENCIES
LOW FREQUENCIES
SUBAUDIBLE FREQUENCIES
VERY LOW FREQUENCIES
RT EXTREMELY LOW FREQUENCIES
INTERMEDIATE FREQUENCIES

LOW FREQUENCY BANDS

GS FREQUENCIES
RADIO FREQUENCIES
LOW FREQUENCY BANDS
VERY LOW FREQUENCIES
RT ∞ BANDS
HIGH FREQUENCIES
ULTRAHIGH FREQUENCIES
VERY HIGH FREQUENCIES

LOW FREQUENCY TRANSIONOSPHERIC SATELLITES

UF LOFTI SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
LOW FREQUENCY
TRANSIONOSPHERIC
SATELLITES

LOW GRAVITY

USE REDUCED GRAVITY

LOW GRAVITY MANUFACTURING

GS MANUFACTURING
LOW GRAVITY MANUFACTURING
RT CONTAINERLESS MELTS
DROP TOWERS
FABRICATION
LEVITATION MELTING
MARANGONI CONVECTION
METAL FOAMS
∞ MICROGRAVITY APPLICATIONS
REDUCED GRAVITY
SPACE MANUFACTURING
SPACE PROCESSING
SPACE TOOLS
TECHNOLOGIES

LOW INTENSITY X RAY IMAGING SCOPE

USE LIXISCOPES

LOW LATITUDES

USE TROPICAL REGIONS

LOW LEVEL TURBULENCE

GS TURBULENCE
ATMOSPHERIC TURBULENCE
LOW LEVEL TURBULENCE
RT HOMOGENEOUS TURBULENCE

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LOWER ATMOSPHERE

LOW MASS	USE	MASS	LOW SPEED STABILITY -(CONT)	ATTITUDE STABILITY CONTROLLABILITY DYNAMIC TESTS FLIGHT CHARACTERISTICS FLOW STABILITY HOVERING STABILITY SPACECRAFT STABILITY	LOW THRUST PROPULSION-(CONT)	PLASMA PROPULSION SOLAR PROPULSION SOLAR ELECTRIC PROPULSION SOLAR THERMAL PROPULSION
LOW MOLECULAR WEIGHTS	GS	MOLECULAR WEIGHT	LOW SPEED WIND TUNNELS	TEST FACILITIES WIND TUNNELS LOW SPEED WIND TUNNELS SUBSONIC WIND TUNNELS BLOWDOWN WIND TUNNELS	RT	ELECTRIC PROPULSION MICROTHRUST ROCKET THRUST SPACECRAFT PROPULSION VARIABLE THRUST
LOW NOISE	RT	PREAMPLIFIERS SIGNAL TO NOISE RATIOS	LOW TEMPERATURE	GS	TEMPERATURE LOW TEMPERATURE ULTRALOW TEMPERATURES	LOW TURBULENCE
LOW OBSERVABLE REENTRY VEHICLES	UF	LORV	LOW TEMPERATURE PHYSICS	RT	CRYOCHEMISTRY CRYOGENICS KONDO EFFECT PHYSICS SCIENCE SOLIDIFIED GASES SUPERCONDUCTING POWER TRANSMISSION SUPERCONDUCTIVITY	LOW VACUUM
LOW PASS FILTERS	RT	BANDSTOP FILTERS ELECTRIC FILTERS ELECTROMAGNETIC WAVE FILTERS FILTERS MICROWAVE FILTERS OPTICAL FILTERS	LOW TEMPERATURE PLASMAS	USE	COLD PLASMAS	LOW VELOCITY
LOW PRESSURE	GS	PRESSURE LOW PRESSURE HIGH ALTITUDE PRESSURE	LOW TEMPERATURE TESTS	GS	ENVIRONMENTAL TESTS LOW TEMPERATURE TESTS	LOW VISIBILITY
LOW PRESSURE CHAMBERS	USE	VACUUM CHAMBERS	LOW TEMPERATURE PHYSICS	RT	CRYOCHEMISTRY CRYOGENICS KONDO EFFECT PHYSICS SCIENCE SOLIDIFIED GASES SUPERCONDUCTING POWER TRANSMISSION SUPERCONDUCTIVITY	LOW VOLUME RAMJET ENGINES
LOW RESISTANCE	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)	LOW TEMPERATURE PLASMAS	USE	COLD PLASMAS	LOW WEIGHT
LOW REYNOLDS NUMBER	GS	RATIOS DIMENSIONLESS NUMBERS REYNOLDS NUMBER LOW REYNOLDS NUMBER HIGH REYNOLDS NUMBER	LOW TEMPERATURE TESTS	RT	CHEMICAL TESTS COLD STRENGTH COLD WEATHER TESTS CRYOSTATS HARDNESS TESTS LUBRICANT TESTS MELTING POINTS NONDESTRUCTIVE TESTS QUALITY CONTROL TEMPERATURE CONTROL TESTS THERMAL EXPANSION THERMAL STABILITY	LOW WING AIRCRAFT
LOW SPEED	UF	LOW VELOCITY RATES (PER TIME) LOW SPEED VELOCITY LOW SPEED AIRSPEED FLOW VELOCITY GROUND SPEED LANDING SPEED SUBSONIC SPEED	LOW THRUST	GS	THRUST LOW THRUST MICROTHRUST HIGH THRUST JET THRUST ROCKET THRUST VARIABLE THRUST	LOWER ATMOSPHERE
LOW SPEED STABILITY	GS	DYNAMIC CHARACTERISTICS DYNAMIC STABILITY MOTION STABILITY LOW SPEED STABILITY STABILITY DYNAMIC STABILITY MOTION STABILITY LOW SPEED STABILITY AERODYNAMIC STABILITY AERODYNAMIC STALLING AIRCRAFT STABILITY	LOW THRUST PROPULSION	GS	PROPULSION LOW THRUST PROPULSION ELECTROMAGNETIC PROPULSION ELECTROSTATIC PROPULSION ION PROPULSION MAN OPERATED PROPULSION SYSTEMS PHOTONIC PROPULSION	SN
LOW SPEED STABILITY	RT	AERODYNAMIC STABILITY AERODYNAMIC STALLING AIRCRAFT STABILITY	LOW THRUST PROPULSION	GS	PROPULSION LOW THRUST PROPULSION ELECTROMAGNETIC PROPULSION ELECTROSTATIC PROPULSION ION PROPULSION MAN OPERATED PROPULSION SYSTEMS PHOTONIC PROPULSION	GS
LOW SPEED STABILITY	RT	AERODYNAMIC STABILITY AERODYNAMIC STALLING AIRCRAFT STABILITY	LOW THRUST PROPULSION	GS	PROPULSION LOW THRUST PROPULSION ELECTROMAGNETIC PROPULSION ELECTROSTATIC PROPULSION ION PROPULSION MAN OPERATED PROPULSION SYSTEMS PHOTONIC PROPULSION	RT

LOWER ATMOSPHERIC COMPOSITION EXPERIMENT

NASA THESAURUS (VOLUME 1)

LOWER ATMOSPHERE-(CONT) TROPOPAUSE

LOWER ATMOSPHERIC COMPOSITION EXPERIMENT USE LACATE (EXPERIMENT)

LOWER BODY NEGATIVE PRESSURE GS HEMODYNAMICS LOWER BODY NEGATIVE PRESSURE RT ACCELERATION STRESSES (PHYSIOLOGY) ARTIFICIAL GRAVITY CARDIOVASCULAR SYSTEM GRAVITATIONAL EFFECTS ORTHOSTATIC TOLERANCE SPACE FLIGHT STRESS STRESS (PHYSIOLOGY) WEIGHTLESSNESS

LOWER CALIFORNIA (MEXICO) UF BAJA CALIFORNIA RT MEXICO NORTH AMERICA

LOWER IONOSPHERE GS EARTH ATMOSPHERE UPPER ATMOSPHERE IONOSPHERE LOWER IONOSPHERE D REGION ENVIRONMENTS IONOSPHERE LOWER IONOSPHERE RT E REGION

LOX (OXYGEN) USE LIQUID OXYGEN

LOX-HYDROGEN ENGINES USE HYDROGEN OXYGEN ENGINES

LPTR REACTOR USE LIVERMORE POOL TYPE REACTOR

LR CIRCUITS USE RL CIRCUITS

LR-62-RM-2 ENGINE GS ENGINES ROCKET ENGINES LIQUID PROPELLANT ROCKET ENGINES LR-62-RM-2 ENGINE RT BULLPUP B MISSILE BULLPUP MISSILES

LR-87-AJ-5 ENGINE GS ENGINES ROCKET ENGINES BOOSTER ROCKET ENGINES LR-87-AJ-5 ENGINE LIQUID PROPELLANT ROCKET ENGINES LR-87-AJ-5 ENGINE RT TITAN 1 ICBM

LR-91-AJ-5 ENGINE UF XLR-91-AJ-5 ENGINE GS ENGINES ROCKET ENGINES LIQUID PROPELLANT ROCKET ENGINES LR-91-AJ-5 ENGINE RT TITAN ICBM

LR-99 ENGINE UF YLR-99-RM-1 ENGINE GS ENGINES ROCKET ENGINES LIQUID PROPELLANT ROCKET ENGINES LR-99 ENGINE RT X-15 AIRCRAFT

LRC CIRCUITS USE RLC CIRCUITS

LRV (VEHICLE) USE LUNAR ROVING VEHICLES

LSI USE LARGE SCALE INTEGRATION

LSSM UF LUNAR SURFACE SCIENTIFIC MODULES GS LUNAR SPACECRAFT LUNAR LANDING MODULES LUNAR MODULE

LSSM MANNED SPACECRAFT. LUNAR MODULE LSSM MODULES SPACECRAFT MODULES LANDING MODULES LUNAR LANDING MODULES LUNAR MODULE LSSM SOFT LANDING SPACECRAFT LANDING MODULES LUNAR LANDING MODULES LUNAR MODULE LSSM RT APOLLO PROJECT ∞ SURFACES

LST USE HUBBLE SPACE TELESCOPE

LTV AIRCRAFT USE LING-TEMCO-VOUGHT AIRCRAFT

LUBRICANT TESTS RT ENGINE TESTS HIGH TEMPERATURE TESTS LOW TEMPERATURE TESTS ∞ MATERIALS TESTS ∞ TESTS

LUBRICANTS GS LUBRICANTS GAS LUBRICANTS HIGH TEMPERATURE LUBRICANTS LUBRICATING OILS SOLID LUBRICANTS RT ADDITIVES BOUNDARY LUBRICATION GRAPHITE GREASES KEROGEN LIQUID METALS LUBRICATION LUBRICATION SYSTEMS MAINTENANCE OILS PETROLEUM PRODUCTS SQUEEZE FILMS

LUBRICATING OILS GS LUBRICANTS LUBRICATING OILS OILS LUBRICATING OILS RT DETERGENTS LUBRICATION MINERAL OILS SHALE OIL

LUBRICATION GS LUBRICATION BOUNDARY LUBRICATION SELF LUBRICATION SPACECRAFT LUBRICATION RT BEARINGS ELASTOHYDRODYNAMICS ENGINES FRICTION REDUCTION GEARS IMPREGNATING LIQUID BEARINGS LUBRICANTS LUBRICATING OILS LUBRICATION SYSTEMS MAINTENANCE SELF LUBRICATING MATERIALS SLIDING TRIBOLOGY

LUBRICATION SYSTEMS RT AUTOMOBILES COOLING SYSTEMS INTERNAL COMBUSTION ENGINES LUBRICANTS LUBRICATION PUMPS ∞ SYSTEMS

LUCITE (TRADEMARK) USE POLYMETHYL METHACRYLATE

LUDER BANDS USE PLASTIC DEFORMATION YIELD POINT

LUDOX (TRADEMARK) GS REFRACTORY MATERIALS LUDOX (TRADEMARK) RT DENSIFICATION HEAT SHIELDING REENTRY SHIELDING SPACECRAFT CONSTRUCTION MATERIALS THERMAL PROTECTION TILES

LUGS RT FASTENERS HOLDERS STUDS (STRUCTURAL MEMBERS) SUPPORTS

LUMBAR REGION GS REGIONS LUMBAR REGION RT ANATOMY HUMAN BODY

LUMBERING AREAS USE FORESTS

LUMENS GS PRESSURE RADIATION PRESSURE LUMENS RATES (PER TIME) FLUX DENSITY RADIANT FLUX DENSITY LUMENS RT LIGHT (VISIBLE RADIATION) LUMINANCE LUMINESCENCE LUMINOSITY OPTICAL PROPERTIES RADIANCE

LUMINAIRES UF ELECTROLUMINESCENT LAMPS LAMPS LIGHT BULBS LIGHTS GS LIGHTING EQUIPMENT LUMINAIRES AIRPORT LIGHTS RUNWAY LIGHTS ARC LAMPS FLASH LAMPS ALKALI VAPOR LAMPS MERCURY LAMPS QUARTZ LAMPS SEARCHLIGHTS XENON LAMPS RT BALLASTS (IMPEDANCES) BULBS FIXTURES ∞ FLARES ∞ GLOBES ILLUMINATING LIGHT (VISIBLE RADIATION) LIGHT SOURCES PROJECTORS VISUAL SIGNALS

LUMINANCE SN (EMISSION RATE PER UNIT AREA OF OF VISIBLE RADIATION) GS PRESSURE RADIATION PRESSURE LUMINOUS INTENSITY LUMINANCE RATES (PER TIME) FLUX DENSITY RADIANT FLUX DENSITY LUMINOUS INTENSITY LUMINANCE RT BRIGHTNESS GLARE ILLUMINANCE ILLUMINATING ∞ INTENSITY IRRADIANCE LIGHT (VISIBLE RADIATION) LUMENS

LUMINESCENCE-(CONT)

OPTICAL PROPERTIES
PHOTOMETRY
SKY BRIGHTNESS
SOLAR FLUX DENSITY
STELLAR MAGNITUDE

LUMINESCENCE

UF GLOW
NOCTILUCENCE
GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
BIOLUMINESCENCE
CATHODE GLOW
CATHODOLUMINESCENCE
CHEMILUMINESCENCE
ELECTROLUMINESCENCE
FLUORESCENCE
PHOSPHORESCENCE
RESONANCE FLUORESCENCE
X RAY FLUORESCENCE
LUNAR LUMINESCENCE
OPTICAL RESONANCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
SHOCK WAVE LUMINESCENCE
SONOLUMINESCENCE
THERMOLUMINESCENCE

RT AFTERGLOWS
ALKALI VAPOR LAMPS
BRIGHTNESS
ELECTRON-HOLE DROPS
FRAUNHOFER LINE DISCRIMINATORS
∞ ILLUMINATION
ILLUMINATORS
INCANDESCENCE
LIGHT (VISIBLE RADIATION)
LIGHT EMITTING DIODES
LUMENS
LUMINOSITY
LUMINOUS INTENSITY
NOCTILUCENT CLOUDS
OPTICAL TRANSITION
PLASMA RADIATION
STELLAR LUMINOSITY
STOKES LAW OF RADIATION
VISIBILITY

LUMINESCENT INTENSITY

USE LUMINOUS INTENSITY

LUMINOSITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
LUMINOSITY
STELLAR LUMINOSITY
RT BRIGHTNESS
EMISSIVITY
EMITTANCE
ILLUMINANCE
INCANDESCENCE
LIGHT (VISIBLE RADIATION)
LUMENS
LUMINESCENCE
MASS TO LIGHT RATIOS
PHOSPHENE
RADIANCE
RADIANT FLUX DENSITY
VISIBILITY

LUMINOUS FLUX DENSITY

USE LUMINOUS INTENSITY

LUMINOUS INTENSITY

SN (EMISSION OR DETECTION RATE PER
UNIT AREA OF VISIBLE RADIATION)
UF LIGHT INTENSITY
LUMINESCENT INTENSITY
LUMINOUS FLUX DENSITY
GS PRESSURE
RADIATION PRESSURE
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
RT BL LACERTAE OBJECTS
BRIGHTNESS

LUMINOUS INTENSITY-(CONT)

EMITTANCE
FLUX (RATE)
INCANDESCENCE
∞ INTENSITY
IRRADIANCE
LIGHT (VISIBLE RADIATION)
LUMINESCENCE
MASS TO LIGHT RATIOS
RADIANCE
SEYFERT GALAXIES
SOLAR FLUX DENSITY
STELLAR MAGNITUDE

LUMPED PARAMETER SYSTEMS

RT LUMPING
MATHEMATICAL MODELS
MATRICES (MATHEMATICS)
∞ SYSTEMS

LUMPING

RT AGGLOMERATION
COAGULATION
COLLECTION
COMPOSITION (PROPERTY)
LUMPED PARAMETER SYSTEMS

LUNA LUNAR PROBES

USE LUNIK LUNAR PROBES

LUNAR ALBEDO

GS ALBEDO
LUNAR ALBEDO
RT ABSORPTANCE
COSMIC RAY ALBEDO
EARTH ALBEDO
OPTICAL PROPERTIES
SURFACE PROPERTIES

LUNAR ATMOSPHERE

UF LUNAR IONOSPHERE
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
LUNAR ENVIRONMENT
LUNAR ATMOSPHERE
SATELLITE ATMOSPHERES
LUNAR ATMOSPHERE
RT MOON
PLANETARY ATMOSPHERES

LUNAR BASES

RT AEPS
∞ ASTRONAUTICS
∞ BASES
MOON
SPACE COLONIES
STATIONS

LUNAR CINEMATOGRAPHY

USE LUNAR PHOTOGRAPHY

LUNAR COMMUNICATION

GS TELECOMMUNICATION
SPACE COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
RT FACSIMILE COMMUNICATION
INTERPLANETARY COMMUNICATION
LASERS
MOON
OPTICAL COMMUNICATION
RADAR
RADIO COMMUNICATION
SPACECRAFT COMMUNICATION

LUNAR COMPOSITION

GS COMPOSITION (PROPERTY)
LUNAR COMPOSITION
RT MOON
PRE IMBRIAN PERIOD
SELENOLOGY

LUNAR CORE

GS CORES
LUNAR CORE
SELENOLOGY
LUNAR CORE
RT STELLAR CORES

LUNAR CRATERS

GS CRATERS
LUNAR CRATERS
PTOLEMAEUS CRATER
TYCHO CRATER

LUNAR CRATERS-(CONT)

RT METEORITE CRATERS
MOON
PRE-IMBRIAN PERIOD
SELENOGRAPHY
SELENOLOGY

LUNAR CRUST

GS CRUSTS
LUNAR CRUST
RT EARTH CRUST
MOON
SELENOGRAPHY
SELENOLOGY

LUNAR DUST

GS DUST
LUNAR DUST
SOILS
LUNAR SOIL
LUNAR DUST
RT MOON
SELENOLOGY

LUNAR ECHOES

GS ECHOES
LUNAR ECHOES
LUNAR RADAR ECHOES
RT RADIO ECHOES

LUNAR ECLIPSES

GS ECLIPSES
LUNAR ECLIPSES
RT MOON

LUNAR EFFECTS

UF LUNAR PERTURBATION
GS **LUNAR EFFECTS**
LUNAR GRAVITATIONAL EFFECTS
LUNAR TIDES
RT ∞ EFFECTS
ORBIT PERTURBATION

LUNAR ENVIRONMENT

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
LUNAR ENVIRONMENT
LUNAR ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
BIOASTRONAUTICS
EXOBIOLGY
LIFE SUPPORT SYSTEMS
MOON
PLANETARY ENVIRONMENTS
THERMAL ENVIRONMENTS

LUNAR EQUATOR

GS EQUATORS
LUNAR EQUATOR
RT INFRARED IMAGERY
RADAR IMAGERY

LUNAR ESCAPE DEVICES

RT ESCAPE CAPSULES
ESCAPE ROCKETS

LUNAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)
LUNAR EVOLUTION
RT MOON
PRE-IMBRIAN PERIOD
SELENOLOGY

LUNAR EXPLORATION

GS EXPLORATION
LUNAR EXPLORATION
RT APOLLO LUNAR EXPERIMENT MODULE
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
APOLLO PROJECT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
EASEP

LUNAR EXPLORATION SYSTEM FOR APOLLO

LUNAR EXPLORATION-(CONT)

EXTRATERRESTRIAL RESOURCES
LOCAL SCIENTIFIC SURVEY MODULE
MOON
SPACE EXPLORATION

LUNAR EXPLORATION SYSTEM FOR APOLLO

UF LESA (LUNAR EXPLORATION SYSTEM)
RT APOLLO PROJECT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
∞ SYSTEMS

LUNAR FAR SIDE

RT LIBRATION
MOON

LUNAR FIGURE

RT SELENOLOGY

LUNAR FLIGHT

GS SPACE FLIGHT
RT LUNAR FLIGHT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
CIRCUMLUNAR TRAJECTORIES
CISLUNAR SPACE
EARTH-MOON TRAJECTORIES
∞ FLIGHT
FLYBY MISSIONS
MOON-EARTH TRAJECTORIES
ORBITS

LUNAR FLYING VEHICLES

RT ∞ FLIGHT VEHICLES
LIFTING BODIES
∞ VEHICLES

LUNAR GEOLOGY

GS GEOLOGY
RT LUNAR GEOLOGY
GEOMORPHOLOGY
MOON
MOONQUAKES
PRE-IMBRIAN PERIOD
REGOLITH
SEISMOLOGY
SELENOLOGY

LUNAR GRAVITATION

GS GRAVITATION
RT LUNAR GRAVITATION
MOON
PLANETARY GRAVITATION

LUNAR GRAVITATIONAL EFFECTS

GS GRAVITATION
RT LUNAR GRAVITATIONAL EFFECTS
GRAVITATIONAL EFFECTS
LUNAR GRAVITATIONAL EFFECTS
LUNAR EFFECTS
∞ EFFECTS

LUNAR GRAVITY SIMULATOR

GS SIMULATORS
ENVIRONMENT SIMULATORS
RT LUNAR GRAVITY SIMULATOR
GRAVITATION

LUNAR IONOSPHERE

USE LUNAR ATMOSPHERE

LUNAR LANDING

GS LANDING
SPACECRAFT LANDING
RT LUNAR LANDING
APOLLO LUNAR EXPERIMENT MODULE
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
CRASH LANDING
HARD LANDING
PLANETARY LANDING
SOFT LANDING
SURVEYOR PROJECT

LUNAR LANDING MODULES

GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
RT APOLLO EXTENSION SYSTEM
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
REUSABLE SPACECRAFT
UNMANNED SPACECRAFT

LUNAR LANDING SITES

GS SITES
LANDING SITES
RT LUNAR LANDING SITES
MOON
SELENOGRAPHY

LUNAR LAUNCH

GS LAUNCHING
ROCKET LAUNCHING
RT LUNAR LAUNCH
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
ORBITAL LAUNCHING
SATURN PROJECT

LUNAR LIMB

RT LIBRATION
∞ LIMBS
MOON
PLANETARY LIMB

LUNAR LOGISTICS

GS LOGISTICS
RT LUNAR LOGISTICS
LIFE SUPPORT SYSTEMS
MANNED LUNAR SURFACE VEHICLES
MATERIALS HANDLING

LUNAR LUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
RT LUNAR LUMINESCENCE
MOON

NASA THESAURUS (VOLUME 1)

LUNAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
RT LUNAR MAGNETIC FIELDS
MOON

LUNAR MANTLE

RT CRUSTS
EARTH MANTLE
PLANETARY MANTLES
PLANETARY STRUCTURE
REGOLITH
SELENOLOGY

LUNAR MAPS

GS MAPS
RT LUNAR MAPS
ASTRONOMICAL MAPS
MOON
SELENOGRAPHY

LUNAR MARIA

GS MARIA
LUNAR MARIA

LUNAR MOBILE LABORATORIES

UF MOLABS
GS LABORATORIES
LUNAR MOBILE LABORATORIES
SURFACE VEHICLES
LUNAR SURFACE VEHICLES
RT LUNAR MOBILE LABORATORIES
APOLLO PROJECT
MANNED LUNAR SURFACE VEHICLES
SELENOGRAPHY

LUNAR MODULE

UF LEM (LUNAR MODULE)
GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MANNED SPACECRAFT
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
RT APOLLO SPACECRAFT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
ASCENT PROPULSION SYSTEMS

LUNAR MODULE ASCENT STAGE

RT ASCENT
ASCENT TRAJECTORIES
ROCKET ENGINES
STAGE SEPARATION

LUNAR MODULE 5

GS MANNED SPACECRAFT
LUNAR MODULE
RT LUNAR MODULE 5
APOLLO SPACECRAFT

LUNAR MODULE 7

GS MANNED SPACECRAFT
LUNAR MODULE
RT LUNAR MODULE 7
APOLLO SPACECRAFT

LUNAR OBSERVATORIES
 GS OBSERVATORIES
LUNAR OBSERVATORIES
 RT ASTRONOMICAL OBSERVATORIES

LUNAR OCCULTATION
 GS OCCULTATION
LUNAR OCCULTATION
 SOLAR ECLIPSES
 RT EXOSAT SATELLITE
 MOON
 STELLAR OCCULTATION

LUNAR ORBIT AND LANDING SIMULATORS
 UF LOLA (SIMULATOR)
 GS SIMULATORS
LUNAR ORBIT AND LANDING
 SIMULATORS
 RT FLIGHT SIMULATORS
 TRAINING SIMULATORS

LUNAR ORBITAL RENDEZVOUS
 UF LOR (RENDEZVOUS)
 GS MANEUVERS
 ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
 RENDEZVOUS
 SPACE RENDEZVOUS
 ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
 RT EARTH ORBITAL RENDEZVOUS
 ORBITAL MECHANICS
 SPACECRAFT TRAJECTORIES

LUNAR ORBITER
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
LUNAR ORBITER
 LUNAR ORBITER 1
 LUNAR ORBITER 2
 LUNAR ORBITER 3
 LUNAR ORBITER 4
 LUNAR ORBITER 5
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
LUNAR ORBITER
 LUNAR ORBITER 1
 LUNAR ORBITER 2
 LUNAR ORBITER 3
 LUNAR ORBITER 4
 LUNAR ORBITER 5
 RT ORBITER PROJECT

LUNAR ORBITER A
 USE LUNAR ORBITER 1

LUNAR ORBITER B
 USE LUNAR ORBITER 2

LUNAR ORBITER C
 USE LUNAR ORBITER 3

LUNAR ORBITER D
 USE LUNAR ORBITER 4

LUNAR ORBITER E
 USE LUNAR ORBITER 5

LUNAR ORBITER 1
 UF LUNAR ORBITER A
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 1
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 1
 RT ORBITER PROJECT

LUNAR ORBITER 2
 UF LUNAR ORBITER B
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 2
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 2
 RT ORBITER PROJECT

LUNAR ORBITER 3
 UF LUNAR ORBITER C
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 3
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 3
 RT ORBITER PROJECT

LUNAR ORBITER 4
 UF LUNAR ORBITER D
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 4
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 4
 RT ORBITER PROJECT

LUNAR ORBITER 5
 UF LUNAR ORBITER E
 GS LUNAR SPACECRAFT
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 5
 SATELLITES
 ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 LUNAR ORBITER
LUNAR ORBITER 5
 RT ORBITER PROJECT

LUNAR ORBITS
 UF EJECTION
 GS ORBITS
LUNAR ORBITS
 RT ARTIFICIAL SATELLITES
 CIRCULAR ORBITS
 CIRCULUNAR TRAJECTORIES
 CIRCULUNAR SPACE
 COMMAND SERVICE MODULES
 EARTH ORBITS
 EARTH MOON TRAJECTORIES
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 LISSAJOUS FIGURES
 MOON
 ORBITAL MECHANICS
 PARKING ORBITS
 PERILUNES
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 TRANSFER ORBITS

LUNAR PERTURBATION
 USE LUNAR EFFECTS

LUNAR PHASES
 RT MOON
 PHASES
 TERMINATOR LINES

LUNAR PHOTOGRAPHS
 GS PHOTOGRAPHS
LUNAR PHOTOGRAPHS
 RT ASTRONOMICAL PHOTOGRAPHY
 PHOTOGRAPHY
 RANGER PROJECT
 SPACEBORNE PHOTOGRAPHY

LUNAR PHOTOGRAPHY
 UF LUNAR CINEMATOGRAPHY
 GS IMAGERY
LUNAR PHOTOGRAPHY
 PHOTOGRAPHY
LUNAR PHOTOGRAPHY
 RT ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
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 RANGER PROJECT
 SPACEBORNE PHOTOGRAPHY

LUNAR PROBES
 GS LUNAR SPACECRAFT
LUNAR PROBES
 LUNIK LUNAR PROBES

LUNAR PROBES-(CONT)
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 RANGER LUNAR PROBES
 RANGER LUNAR LANDING
 VEHICLES
 RANGER 1 LUNAR PROBE
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 RANGER 3 LUNAR PROBE
 RANGER 4 LUNAR PROBE
 RANGER 5 LUNAR PROBE
 RANGER 6 LUNAR PROBE
 RANGER 7 LUNAR PROBE
 RANGER 8 LUNAR PROBE
 RANGER 9 LUNAR PROBE
 SURVEYOR LUNAR PROBES
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 SURVEYOR 2 LUNAR PROBE
 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
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 SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
LUNAR PROBES
 LUNIK LUNAR PROBES
 LUNIK 2 LUNAR PROBE
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 RANGER LUNAR PROBES
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 SURVEYOR LUNAR PROBES
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 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
 SURVEYOR 6 LUNAR PROBE
 SURVEYOR 7 LUNAR PROBE
 RT APOLLO PROJECT
 ATLAS ABL 5 LAUNCH VEHICLE
 MANEUVERABLE SPACECRAFT
 PIONEER PROJECT
 RANGER PROJECT
 SOFT LANDING SPACECRAFT
 SURVEYOR PROJECT

LUNAR PROGRAMS
 GS PROGRAMS
LUNAR PROGRAMS
 APOLLO PROJECT
 SURVEYOR PROJECT

LUNAR RADAR ECHOES
 UF LUNAR SCATTERING
 GS ECHOES
 LUNAR ECHOES
LUNAR RADAR ECHOES
 RADAR ECHOES
LUNAR RADAR ECHOES

LUNAR RADIATION
 GS EXTRATERRESTRIAL RADIATION

LUNAR RANGEFINDING**LUNAR RADIATION-(CONT)**

RT ∞ RADIATION

LUNAR RANGEFINDING

GS RANGEFINDING
RT **LUNAR RANGEFINDING**
DISTANCE MEASURING EQUIPMENT
LASER RANGE FINDERS
MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS
RANGE FINDERS

LUNAR RAYS

SN (EXCLUDES RADIATION)
RT METEORITE CRATERS
MOON
 ∞ RAYS
SELENOGRAPHY

LUNAR RECEIVING LABORATORY

GS LABORATORIES
LUNAR RECEIVING LABORATORY

LUNAR RETROREFLECTORS

RT APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
EARTH-MOON SYSTEM
GEODESY
LASER RANGE FINDERS
RETROREFLECTION
U S S R SPACE PROGRAM

LUNAR ROCKS

GS ROCKS
RT **LUNAR ROCKS**
IMPACT MELTS
PARTICLE TRACKS
PRE IMBRIAN PERIOD
REGOLITH
SELENOGRAPHY
SELENOLOGY

LUNAR ROTATION

GS ROTATING BODIES
RT **LUNAR ROTATION**
CENTER OF GRAVITY
SPIN DYNAMICS

LUNAR ROVING VEHICLES

UF LRV (VEHICLE)
GS SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
MANNED LUNAR SURFACE
VEHICLES
ROVING VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
RT PROVING
RESEARCH VEHICLES
 ∞ VEHICLES

LUNAR SATELLITES

GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
EXPLORER 18 SATELLITE
EXPLORER 28 SATELLITE
IMP
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
RT MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
PERILUNES
POLAR ORBITS
UNMANNED SPACECRAFT

LUNAR SCATTERING

USE DIFFUSE RADIATION
LUNAR RADAR ECHOES

LUNAR SEISMOGRAPHS

GS MEASURING INSTRUMENTS
VIBRATION METERS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
RECORDING INSTRUMENTS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS

LUNAR SHADOW

GS SHADOWS
RT **LUNAR SHADOW**
ECLIPSES
MOON
SOLAR ECLIPSES

LUNAR SHELTERS

GS SHELTERS
RT **LUNAR SHELTERS**
INFLATABLE STRUCTURES
LIFE SUPPORT SYSTEMS
SPACE COLONIES
SURVIVAL
 ∞ TUNNELS

LUNAR SOIL

GS SOILS
RT **LUNAR SOIL**
LUNAR DUST
KREEP
MINERALS
MOON
PENETROMETERS

LUNAR SPACECRAFT

GS **LUNAR SPACECRAFT**
APOLLO LUNAR EXPERIMENT MODULE
APOLLO SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
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LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
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RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
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RANGER 4 LUNAR PROBE
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RANGER 6 LUNAR PROBE
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RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
RT APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
ARTIFICIAL SATELLITES
HALO ORBIT SPACE STATION
MANNED SPACECRAFT
ORBITING LUNAR STATIONS
RENDEZVOUS SPACECRAFT
SATELLITES

NASA THESAURUS (VOLUME 1)**LUNAR SPACECRAFT-(CONT)**

SPACE CAPSULES
 ∞ SPACECRAFT
SURVEYOR PROJECT
UNMANNED SPACECRAFT

LUNAR SURFACE

RT SELENOLOGY
SURFACE LAYERS
SURFACE PROPERTIES
 ∞ SURFACES

LUNAR SURFACE SCIENTIFIC MODULES

USE LSSM

LUNAR SURFACE VEHICLES

GS SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR MOBILE LABORATORIES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
MANNED LUNAR SURFACE
VEHICLES
RT CRAWLER TRACTORS
 ∞ SURFACES
 ∞ VEHICLES
WALKING MACHINES

LUNAR TEMPERATURE

GS TEMPERATURE
RT **LUNAR TEMPERATURE**
HIGH TEMPERATURE ENVIRONMENTS
LOW TEMPERATURE ENVIRONMENTS
MOON

LUNAR TIDES

GS LUNAR EFFECTS
LUNAR TIDES
TIDES
RT **LUNAR TIDES**
ATMOSPHERIC TIDES
EARTH TIDES
MOONQUAKES

LUNAR TOPOGRAPHY

GS TOPOGRAPHY
RT **LUNAR TOPOGRAPHY**
MOON
SELENOGRAPHY
SELENOLOGY
SURFACE PROPERTIES
SURFACE ROUGHNESS

LUNAR TRAJECTORIES

GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
EARTH-MOON TRAJECTORIES
MOON-EARTH TRAJECTORIES
RT PARKING ORBITS
TRANSFER ORBITS

LUNATION

USE MONTH

LUNEBERG LENSES

USE RADAR CORNER REFLECTORS

LUNG MORPHOLOGY

GS MORPHOLOGY
RT **LUNG MORPHOLOGY**
ALVEOLI
PULMONARY LESIONS
RESPIRATORY DISEASES

LUNGS

GS ANATOMY
ORGANS
- **LUNGS**
RESPIRATORY SYSTEM
LUNGS
VISCERA
ORGANS
LUNGS
RT ALVEOLAR AIR
ALVEOLI
ATELECTASIS
BRONCHI
PLEURAE
PNEUMOGRAPHY
PNEUMOTHORAX
PULMONARY CIRCULATION

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LUNGS-(CONT)

PULMONARY FUNCTIONS
PULMONARY LESIONS
SPIROMETERS

LUNIK LUNAR PROBES

UF LUNA LUNAR PROBES
GS LUNAR SPACECRAFT
LUNAR PROBES

LUNIK LUNAR PROBES

LUNIK 2 LUNAR PROBE
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LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
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SOVIET SPACECRAFT

LUNIK LUNAR PROBES

LUNIK 2 LUNAR PROBE
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UNMANNED SPACECRAFT

SPACE PROBES

LUNAR PROBES

LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
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LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE

RT LUNOKHOD LUNAR ROVING VEHICLES
USSR SPACE PROGRAM

LUNIK 2 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE

LUNIK 3 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE

LUNIK 9 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE
UNMANNED SPACECRAFT

LUNIK 9 LUNAR PROBE-(CONT)

SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE

LUNIK 10 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE

LUNIK 11 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 11 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
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UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 11 LUNAR PROBE

LUNIK 12 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE

LUNIK 13 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE

LUNIK 14 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 14 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 14 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 14 LUNAR PROBE

LUNIK 16 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 16 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 16 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 16 LUNAR PROBE

LUNIK 17 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 17 LUNAR PROBE

LUTETIUM COMPOUNDS

LUNIK 17 LUNAR PROBE-(CONT)

SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 17 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 17 LUNAR PROBE

LUNIK 19 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
RT USSR SPACE PROGRAM

LUNIK 20 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 20 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 20 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 20 LUNAR PROBE

LUNIK 22 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 22 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 22 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 22 LUNAR PROBE
RT USSR SPACE PROGRAM

LUNOKHOD LUNAR ROVING VEHICLES

GS SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
ROVING VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
RT LUNIK LUNAR PROBES
USSR SPACE PROGRAM
VEHICLES

LUSTER

UF DULLNESS
RT BRIGHTNESS
FINISHES
GLARE
REFLECTANCE

LUTETIUM

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
RARE EARTH ELEMENTS
LUTETIUM
LUTETIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
LUTETIUM
LUTETIUM ISOTOPES

LUTETIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
LUTETIUM COMPOUNDS
RT CHEMICAL COMPOUNDS
METAL COMPOUNDS

LUTETIUM ISOTOPES

LUTETIUM ISOTOPES

UF LUTETIUM 176
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
RARE EARTH ELEMENTS
LUTETIUM
LUTETIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
LUTETIUM
LUTETIUM ISOTOPES

LUTETIUM 176
USE LUTETIUM ISOTOPES

LUXEMBOURG

GS NATIONS
LUXEMBOURG
RT EUROPE

LUXEMBOURG EFFECT

RT ∞ EFFECTS
IONOSPHERIC CROSS MODULATION
IONOSPHERIC PROPAGATION

LYAPUNOV FUNCTIONS

USE LIAPUNOV FUNCTIONS

LYMAN ALPHA RADIATION

GS ELECTROMAGNETIC RADIATION
ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN ALPHA RADIATION
IONIZING RADIATION
ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN ALPHA RADIATION
RT ATOMIC SPECTRA
EXTRATERRESTRIAL RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
 ∞ RADIATION
ULTRAVIOLET ASTRONOMY

LYMAN BETA RADIATION

GS ELECTROMAGNETIC RADIATION
ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN BETA RADIATION
IONIZING RADIATION
ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN BETA RADIATION
RT ATOMIC SPECTRA
EXTRATERRESTRIAL RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
 ∞ RADIATION
ULTRAVIOLET ASTRONOMY

LYMAN SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
LYMAN SPECTRA
RT ATOMIC SPECTRA
ELECTRONIC SPECTRA
EMISSION SPECTRA
H LINES
SOLAR SPECTRA
SPECTRAL THEORY
ULTRAVIOLET SPECTRA

LYMPH

GS BODY FLUIDS
LYMPH
LYMPHOCYTES
RT CORPUSCLES

LYMPHOCYTES

GS ANATOMY
CARDIOVASCULAR SYSTEM
LEUKOCYTES
LYMPHOCYTES
BODY FLUIDS
BLOOD
LEUKOCYTES
LYMPHOCYTES
LYMPH
LYMPHOCYTES

LYMPHOCYTES-(CONT)

CELLS (BIOLOGY)
LEUKOCYTES
LYMPHOCYTES
RT CORPUSCLES

LYOPHILIZATION

USE COLLOIDING

LYOPHILS

USE COLLOIDS

LYRA CONSTELLATION

GS CONSTELLATIONS
LYRA CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

LYSERGAMIDE

GS NITROGEN COMPOUNDS
AMIDES
LYSERGAMIDE
RT DRUGS

LYSERGINE

GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
LYSERGINE
NITROGEN COMPOUNDS
ALKALOIDS
LYSERGINE

LYSIMETERS

RT GROUND WATER
MOISTURE CONTENT
PERCOLATION
SOIL MOISTURE
SOILS
WATER BALANCE
WATER POLLUTION

LYSINE

GS ACIDS
AMINO ACIDS
LYSINE
ORGANIC COMPOUNDS
AMINO ACIDS
LYSINE
RT DIGESTING
LYSOGENESIS

LYSOGENESIS

RT DISINTEGRATION
LYSINE

LYSOZYME

GS ENZYMES
LYSOZYME
RT BODY FLUIDS

LZEEBE SATELLITE

UF EARTH ENERGY BUDGET EXPERIMENT
LONG TERM ZONAL EARTH ENERGY
EXPERIMENT
ZONAL EARTH ENERGY BUDGET
EXPERIMENT
GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
LZEEBE SATELLITE

M

M REGION

GS REGIONS
M REGION
RT GEOMAGNETISM
SOLAR ATMOSPHERE
SOLAR CORPUSCULAR RADIATION
SOLAR WIND

M STARS

GS CELESTIAL BODIES
STARS
M STARS
FLARE STARS
RT GIANT STARS
MAIN SEQUENCE STARS
RED GIANT STARS
S STARS

NASA THESAURUS (VOLUME 1)

M STARS-(CONT)

SUBGIANT STARS
SUPERGIANT STARS
SYMBIOTIC STARS

M WINGS

USE VARIABLE SWEEP WINGS

M-1 ENGINE

UF AJ-1000 ENGINE
GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
M-1 ENGINE
LIQUID PROPELLANT ROCKET
ENGINES
HYDROGEN OXYGEN ENGINES
M-1 ENGINE
RT NOVA LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES

M-2 LIFTING BODY

GS LIFTING BODIES
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M-2F2 LIFTING BODY
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M-2F2 LIFTING BODY
REENTRY VEHICLES
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M 2F2 LIFTING BODY

M-2F2 LIFTING BODY

GS HYPERSONIC VEHICLES
LIFTING REENTRY VEHICLES
M-2F2 LIFTING BODY
LIFTING BODIES
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M-2F2 LIFTING BODY
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M-2F2 LIFTING BODY
REENTRY VEHICLES
LIFTING REENTRY VEHICLES
M-2 LIFTING BODY
M-2F2 LIFTING BODY

M-2F3 LIFTING BODY

GS LIFTING BODIES
M-2F3 LIFTING BODY

M-46 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
M-46 ENGINE
RT FALCON MISSILE

M-55 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
M-55 ENGINE
SOLID PROPELLANT ROCKET
ENGINES
M-55 ENGINE
RT MINUTEMAN ICBM

M-56 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
M-56 ENGINE
RT MINUTEMAN ICBM

M-57 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
M-57 ENGINE
RT MINUTEMAN ICBM

M-100 ENGINE

GS ENGINES
ROCKET ENGINES

NASA THESAURUS (VOLUME 1)

MACROPHAGES

M-100 ENGINE-(CONT) M-100 ENGINE

MA-2 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
MA-2 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
MA-2 ENGINE
ATLAS ICBM
VERNIER ENGINES

MA-2 MISSION

USE MERCURY MA-2 FLIGHT

MA-3 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
MA-3 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
MA-3 ENGINE
ATLAS ICBM
VERNIER ENGINES

MA-3 FLIGHT

USE MERCURY MA-3 FLIGHT

MA-4 FLIGHT

USE MERCURY MA-4 FLIGHT

MA-5 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
MA-5 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
MA-5 ENGINE
ATLAS LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
VERNIER ENGINES

MA-5 FLIGHT

USE MERCURY MA-5 FLIGHT

MA-8 FLIGHT

USE MERCURY MA-8 FLIGHT

MA-9 FLIGHT

USE MERCURY MA-9 FLIGHT

MAARS

USE CRATERS

MACE MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
MACE MISSILES
RT BOOSTER ROCKET ENGINES
J-33 ENGINE
SOLID PROPELLANT ROCKET ENGINES
TURBOJET ENGINES

MACH CONES

GS ELASTIC WAVES
SHOCK WAVES
MACH CONES
RT ACOUSTIC VELOCITY
BOW WAVES
CONES
HYPERSONIC SHOCK
SOUND WAVES
SUPERSONIC FLIGHT
SUPERSONIC FLOW
SUPERSONICS

MACH INERTIA PRINCIPLE

GS INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
RT EQUATIONS OF MOTION
MOMENTS OF INERTIA

MACH NUMBER

UF CRITICAL MACH NUMBER
GLAUERT COEFFICIENT
GS RATIOS
DIMENSIONLESS NUMBERS
MACH NUMBER
RT ACOUSTIC VELOCITY

MACH NUMBER-(CONT)

AERODYNAMICS
AIRSPEED
SHOCK WAVES
SUPERHARMONICS
SWEEP ANGLE

MACH REFLECTION

GS REFLECTION
WAVE REFLECTION
MACH REFLECTION
RT SHOCK WAVES

MACH-ZEHNDER INTERFEROMETERS

GS MEASURING INSTRUMENTS
INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
RT AERODYNAMICS
ARGON LASERS
CARBON DIOXIDE LASERS
DIFFRACTOMETERS
GAS LASERS
GONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SCHLIEREN PHOTOGRAPHY

MACHINE LEARNING

USE LEARNING MACHINES

MACHINE LIFE

USE SERVICE LIFE

MACHINE ORIENTED LANGUAGES

GS LANGUAGES
PROGRAMMING LANGUAGES
MACHINE ORIENTED LANGUAGES
MARVS (PROGRAMMING LANGUAGE)
SLEUTH (PROGRAMMING LANGUAGE)
RT ALGOL
ASSEMBLY LANGUAGE
AUTOCODERS
LANGUAGE PROGRAMMING
PL/1

MACHINE RECOGNITION

USE ARTIFICIAL INTELLIGENCE

MACHINE STORAGE

USE COMPUTER STORAGE DEVICES
CORE STORAGE

MACHINE TOOLS

GS TOOLS
MACHINE TOOLS
GRINDING MACHINES
LATHES
TURRET LATHES
MILLING MACHINES
SHAPERS
RT CUTTERS
DIES
DRILLS
MACHINERY
MACHINING
MANDRELS
MECHANICAL DEVICES
MECHANICAL ENGINEERING
METAL CUTTING
NUMERICAL CONTROL
PRESSES
PUNCHES
SAWS
SHEARS
TAPS
ULTRASONIC CLEANING

MACHINE TRANSLATION

GS LINGUISTICS
MACHINE TRANSLATION
TRANSLATING
MACHINE TRANSLATION
RT COMPUTER PROGRAMS
INFORMATION THEORY
LANGUAGE PROGRAMMING
LANGUAGES

MACHINE-INDEPENDENT PROGRAMS

GS COMPUTER PROGRAMS
MACHINE-INDEPENDENT PROGRAMS
PROGRAMS
MACHINE-INDEPENDENT PROGRAMS

MACHINE-INDEPENDENT PROGRAMS-(CONT)

RT COMPUTER PROGRAMMING
COMPUTERS
MULTIPROGRAMMING

MACHINERY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT BORING MACHINES
COMPUTERS
DRAFTING MACHINES
ENGINES
FATIGUE TESTING MACHINES
GRINDING MACHINES
GROUND EFFECT MACHINES
IMPACT TESTING MACHINES
LEARNING MACHINES
LEVERS
LOAD TESTING MACHINES
MACHINE TOOLS
MECHANICAL ENGINEERING
MECHANISM
MECHANIZATION
MILLING MACHINES
POSITIONING DEVICES (MACHINERY)
REFRIGERATING MACHINERY
ROTATING ELECTRICAL MACHINES
SELF FOCUSING
TEACHING MACHINES
TIDE POWERED MACHINES
TOOLS
TURBOMACHINERY
TURING MACHINES
VIBRATION SIMULATORS
WALKING MACHINES
WATERWAVE POWERED MACHINES
WELDING MACHINES
WINDMILLS (WINDPOWERED MACHINES)

MACHINING

UF MATERIAL REMOVAL (MACHINING)
GS MACHINING
CHEMICAL MACHINING
ELECTROCHEMICAL MACHINING
HOT MACHINING
MILLING (MACHINING)
SPARK MACHINING
ULTRASONIC MACHINING
RT CUT-OFF
CUTTING
DRILLING
FINISHES
FORMING TECHNIQUES
GRINDING (MATERIAL REMOVAL)
GROOVING
KNURLING
LASER CUTTING
MACHINE TOOLS
METAL CUTTING
METAL WORKING
PLANING
RESIDUAL STRESS
SETUPS
SURFACE FINISHING
SURFACE ROUGHNESS
TOOLING
V GROOVES

MACLAURIN SERIES

UF MACLAURIN SERIES
GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES

MACROCLIMATE

USE CLIMATE

MACROMOLECULES

USE MOLECULES

MACROPHAGES

GS CELLS (BIOLOGY)
MACROPHAGES
RT TISSUES (BIOLOGY)

MACROSCOPIC EQUATIONS

MACROSCOPIC EQUATIONS

RT ∞ EQUATIONS
 ∞ MEASUREMENT
 ∞ PROPERTIES
 STATISTICAL MECHANICS

MACULAR VISION

USE VISION

MADAGASCAR

USE MALAGASY REPUBLIC

MAFFEI GALAXIES

GS CELESTIAL BODIES
 GALAXIES
MAFFEI GALAXIES
 RT NEBULAE
 RADIO ASTRONOMY
 RADIO GALAXIES
 RADIO SOURCES (ASTRONOMY)
 SPIRAL GALAXIES

MAGAZINES (SUPPLY CHAMBERS)

RT AMMUNITION
 PHOTOGRAPHIC FILM
 SPOOLS

MAGDALENA-CAUCA VALLEY (COLOMBIA)

GS LANDFORMS
MAGDALENA-CAUCA VALLEY (COLOMBIA)
 VALLEYS
MAGDALENA-CAUCA VALLEY (COLOMBIA)
 RT COLOMBIA
 SOUTH AMERICA

MAGELLAN MISSION

GS OBSERVATORIES
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL SATELLITES
MAGELLAN MISSION
 SATELLITES
 ARTIFICIAL SATELLITES
 ESA SATELLITES
MAGELLAN MISSION
 RT EXTREME ULTRAVIOLET RADIATION
 FAR ULTRAVIOLET RADIATION
 SPACEBORNE ASTRONOMY

MAGELLANIC CLOUDS

GS CLOUDS
MAGELLANIC CLOUDS
 RT NEBULAE
 ORION NEBULA
 STAR CLUSTERS
 STARS

MAGIC TEES

RT DUPLEXERS

MAGMA

RT IGNEOUS ROCKS
 LAVA
 REGOLITH
 ROCKS
 SOILS

MAGNESIUM

GS CHEMICAL ELEMENTS
MAGNESIUM
 MAGNESIUM ISOTOPES
 METALS
MAGNESIUM
 MAGNESIUM ISOTOPES

MAGNESIUM ALLOYS

GS ALLOYS
 LIGHT ALLOYS
MAGNESIUM ALLOYS

MAGNESIUM BROMIDES

GS HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
 BROMIDES
MAGNESIUM BROMIDES
 HALIDES
 BROMIDES
MAGNESIUM BROMIDES
 METAL HALIDES
MAGNESIUM BROMIDES
 MAGNESIUM COMPOUNDS
MAGNESIUM BROMIDES

MAGNESIUM CELLS

GS ELECTRIC GENERATORS
 DIRECT POWER GENERATORS
 PRIMARY BATTERIES
 DRY CELLS
MAGNESIUM CELLS
 ELECTROCHEMICAL CELLS
 ELECTRIC BATTERIES
 PRIMARY BATTERIES
 DRY CELLS
MAGNESIUM CELLS
 RT CHEMICAL AUXILIARY POWER UNITS
 ELECTROLYTIC POLARIZATION

MAGNESIUM CHLORIDES

GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
MAGNESIUM CHLORIDES
 HALIDES
 CHLORIDES
MAGNESIUM CHLORIDES
 MAGNESIUM COMPOUNDS
MAGNESIUM CHLORIDES

MAGNESIUM COMPOUNDS

GS **MAGNESIUM COMPOUNDS**
 AKERMANITE
 BRUCITE
 CHLOROPHYLLS
 CORDIERITE
 DOLOMITE (MINERAL)
 ENSTATITE
 FORSTERITE
 GEHLENITE
 MAGNESIUM BROMIDES
 MAGNESIUM CHLORIDES
 MAGNESIUM FLUORIDES
 MAGNESIUM GERMANATES
 MAGNESIUM GERMANIDES
 MAGNESIUM OXIDES
 PERCLASE
 MAGNESIUM PERCHLORATES
 MAGNESIUM SULFATES
 HEXAHEDRITE
 MAGNESIUM TITANATES
 MERWINITE
 MONTICELLITE
 TALC
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

MAGNESIUM FLUORIDES

GS HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
MAGNESIUM FLUORIDES
 HALIDES
 METAL HALIDES
MAGNESIUM FLUORIDES
 MAGNESIUM COMPOUNDS
MAGNESIUM FLUORIDES

MAGNESIUM GERMANATES

GS GERMANIUM COMPOUNDS
 GERMANATES
MAGNESIUM GERMANATES
 MAGNESIUM COMPOUNDS
MAGNESIUM GERMANATES

MAGNESIUM GERMANIDES

GS GERMANIUM COMPOUNDS
 GERMANIDES
MAGNESIUM GERMANIDES
 MAGNESIUM COMPOUNDS
MAGNESIUM GERMANIDES

MAGNESIUM ISOTOPES

GS CHEMICAL ELEMENTS
 MAGNESIUM
MAGNESIUM ISOTOPES
 METALS
 MAGNESIUM
MAGNESIUM ISOTOPES

MAGNESIUM OXIDES

GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
 ALKALINE EARTH OXIDES
MAGNESIUM OXIDES
 PERCLASE
 MAGNESIUM COMPOUNDS

NASA THESAURUS (VOLUME 1)

MAGNESIUM OXIDES-(CONT)

MAGNESIUM OXIDES
 PERCLASE

MAGNESIUM PERCHLORATES

GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
MAGNESIUM PERCHLORATES
 MAGNESIUM COMPOUNDS
MAGNESIUM PERCHLORATES

MAGNESIUM SULFATES

GS MAGNESIUM COMPOUNDS
MAGNESIUM SULFATES
 HEXAHEDRITE
 SULFUR COMPOUNDS
 SULFATES
MAGNESIUM SULFATES
 HEXAHEDRITE
 RT BLOEDITE

MAGNESIUM TITANATES

GS MAGNESIUM COMPOUNDS
MAGNESIUM TITANATES
 TITANIUM COMPOUNDS
 TITANATES
MAGNESIUM TITANATES

MAGNESYN (TRADEMARK)

USE SERVOMOTORS

MAGNET COILS

GS **MAGNET COILS**
 FIELD COILS
 RT ∞ COILS
 ELECTROMAGNETISM
 ELECTROMAGNETS
 INDUCTORS
 MAGNETIC CIRCUITS
 MAGNETIC CORES
 MAGNETIC ENERGY STORAGE
 MAGNETS
 SATURABLE REACTORS
 SOLENOIDS
 SUPERCONDUCTING MAGNETS
 TOROIDS
 TRANSFORMERS
 WIRE WINDING
 YOKES

MAGNETIC ABSORPTION

USE ELECTROMAGNETIC ABSORPTION

MAGNETIC AMPLIFIERS

GS AMPLIFIERS
MAGNETIC AMPLIFIERS
 RT MAGNETOSTATIC AMPLIFIERS
 NONLINEARITY
 POWER AMPLIFIERS
 SATURABLE REACTORS
 VOLTAGE AMPLIFIERS

MAGNETIC ANNULAR ARC

RT ∞ ARCS
 CURRENT DISTRIBUTION
 PLASMA ACCELERATORS
 PLASMA CONTROL
 PLASMA PROPULSION

MAGNETIC ANNULAR SHOCK TUBES

UF MAST SHOCK TUBES
 GS SHOCK WAVE GENERATORS
 SHOCK TUBES
MAGNETIC ANNULAR SHOCK TUBES

MAGNETIC ANOMALIES

UF GEOMAGNETIC ANOMALIES
 GS ANOMALIES
MAGNETIC ANOMALIES
 GEOMAGNETIC HOLLOW
 RT AEROMAGNETISM
 GEOMAGNETISM
 NONUNIFORM MAGNETIC FIELDS

MAGNETIC BEARINGS

GS BEARINGS
MAGNETIC BEARINGS
 RT LEVITATION
 MAGNETIC SUSPENSION

MAGNETIC CHARGE DENSITY

UF SCALAR MAGNETIC CHARGE
 GS DIVERGENCE

NASA THESAURUS (VOLUME 1)

MAGNETIC CHARGE DENSITY-(CONT.) MAGNETIC CHARGE DENSITY

RT ∞CHARGING
CONSTITUTIVE EQUATIONS
MAXWELL EQUATION

MAGNETIC CIRCUITS

GS CIRCUITS
RT MAGNETIC CIRCUITS
FLUX (RATE)
LINES OF FORCE
MAGNET COILS
∞NETWORKS
SATURABLE REACTORS
TRANSFORMERS

MAGNETIC COILS

GS ELECTRIC COILS
MAGNETIC COILS
RT ∞COILS
ELECTROMAGNETIC HAMMERS
ELECTROMAGNETISM
FLUX PUMPS

MAGNETIC COMPASSES

GS AIRCRAFT INSTRUMENTS
COMPASSES
MAGNETIC COMPASSES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
COMPASSES
RT GYROCOMPASSES
SOLAR COMPASSES

MAGNETIC COMPRESSION

RT COMPRESSING
CONFINEMENT
PLASMA CONTROL
PLASMAS (PHYSICS)

MAGNETIC CONTROL

RT ATTITUDE CONTROL
∞CONTROL

MAGNETIC COOLING

GS COOLING
RT MAGNETIC COOLING
ABSORPTION COOLING
ADIABATIC DEMAGNETIZATION COOLING
LOW TEMPERATURE
LOW TEMPERATURE ENVIRONMENTS
REFRIGERATING

MAGNETIC CORES

GS CORES
MAGNETIC CORES
RT BUBBLE MEMORY DEVICES
ELECTRIC COILS
FERRITES
FERROMAGNETISM
LAMINATES
MAGNET COILS
MAGNETS
PARAMETRONS
SATURABLE REACTORS
TOROIDS
TRANSFORMERS

MAGNETIC DIFFUSION

SN (DIFFUSION VIA A MAGNETIC FIELD)
GS DIFFUSION
MAGNETIC DIFFUSION
RT FIELD STRENGTH

MAGNETIC DIPOLES

RT ∞DIPOLES
ELECTRIC DIPOLES
∞PHYSICAL PROPERTIES
∞POLES

MAGNETIC DISKS

GS MAGNETIC STORAGE
MAGNETIC DISKS
RT CORE STORAGE
∞DISKS
MEMORY (COMPUTERS)
VIDEO DISKS

MAGNETIC DISPERSION

RT ∞DISPERSION
ELECTROMAGNETIC SCATTERING
FERROMAGNETISM
MAGNETIZATION

MAGNETIC DISPERSION-(CONT.) WAVE SCATTERING

MAGNETIC DISTURBANCES

GS MAGNETIC DISTURBANCES
MAGNETIC STORMS
RT AURORAS
∞DISTURBANCES
GEOMAGNETISM
KP INDEX
NONADIABATIC THEORY
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
SOLAR FLARES
SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
SOLAR WIND VELOCITY
STARSPOTS
STELLAR ACTIVITY
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS
SUNSPOTS

MAGNETIC DOMAINS

GS DOMAINS
MAGNETIC DOMAINS
RT BUBBLE MEMORY DEVICES
BUBBLE TECHNIQUE
DIPOLE MOMENTS
DOMAIN WALL
LINES OF FORCE

MAGNETIC DRUMS

GS MAGNETIC STORAGE
MAGNETIC DRUMS
RT CORE STORAGE
∞DRUMS

MAGNETIC EFFECTS

UF GEOMAGNETIC EFFECTS
GS MAGNETIC PROPERTIES
MAGNETIC EFFECTS
MAGNETIC RIGIDITY
RT ∞EFFECTS
GEOMAGNETISM
MAGNETOACTIVITY
PLASMA COMPRESSION
TEMPERATURE EFFECTS

MAGNETIC ENERGY STORAGE

GS ENERGY STORAGE
MAGNETIC ENERGY STORAGE
RT ENERGY TECHNOLOGY
MAGNET COILS
MAGNETIC FIELDS
SUPERCONDUCTING MAGNETS

MAGNETIC EQUATOR

UF GEOMAGNETIC EQUATOR
GS EQUATORS
MAGNETIC EQUATOR
RT GEOMAGNETISM
∞INCLINATION

MAGNETIC FIELD CONFIGURATIONS

RT ASTROPHYSICS
ELECTROMAGNETIC FIELDS
PLASMA COMPRESSION
PLASMA CONTROL
PLASMA PHYSICS
POLAR CUSPS
POLOIDAL FLUX
SPHEROMAKS
STELLAR MAGNETIC FIELDS

MAGNETIC FIELD INTENSITY

USE MAGNETIC FLUX

MAGNETIC FIELD INVERSIONS

GS INVERSIONS
MAGNETIC FIELD INVERSIONS
RT ELECTROMAGNETIC FIELDS
ELECTROMAGNETISM
ELECTROMECHANICS
FIELD THEORY (PHYSICS)

MAGNETIC FIELDS

GS MAGNETIC FIELDS
BIOMAGNETISM
FORCE-FREE MAGNETIC FIELDS
GEOMAGNETISM
INTERPLANETARY MAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
LUNAR MAGNETIC FIELDS

MAGNETIC INDUCTION

MAGNETIC FIELDS-(CONT.)

MAGNETOSTATIC FIELDS
NONUNIFORM MAGNETIC FIELDS
PALEOMAGNETISM
PLANETARY MAGNETIC FIELDS
STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
TRAPPED MAGNETIC FIELDS
RT BERNSTEIN ENERGY PRINCIPLE
BETA FACTOR
CONJUGATE POINTS
CONSTITUTIVE EQUATIONS
CROSSED FIELDS
DEMAGNETIZATION
ELECTRIC FIELDS
ELECTROMAGNETIC ACCELERATION
ELECTROMAGNETIC FIELDS
ELECTROMAGNETISM
ELECTROMECHANICS
ELECTRON-HOLE DROPS
FERROMAGNETIC RESONANCE
FIELD EMISSION
FIELD STRENGTH
FIELD THEORY (PHYSICS)
∞FIELDS
FLUX PUMPS
GEOMAGNETIC TAIL
HELIOS SATELLITES
INTASAT SATELLITE
∞KERR EFFECTS
LINES OF FORCE
LORENTZ FORCE
MAGNETIC ENERGY STORAGE
MAGNETIZATION
MAGNETO-OPTICS
MAGNETOACTIVITY
MAGNETOPLASMA DYNAMICS
MAGNETORESISTIVITY
MAGNETOSPHERE
MAGNETOSTATICS
MAGNETS
MULTIPOLAR FIELDS
PARTICLE ACCELERATION
PINCH EFFECT
POLAR CUSPS
POLARITY
RACETRACKS (PARTICLE
ACCELERATORS)
RADIATION BELTS
SCREW PINCH
SCYLLA
SELF CONSISTENT FIELDS
SQUARE WELLS
SUHL EFFECT
ZEEMAN EFFECT

MAGNETIC FILMS

GS COATINGS
MAGNETIC FILMS
RT ∞FILMS

MAGNETIC FLUX

UF MAGNETIC FIELD INTENSITY
GS FIELD STRENGTH
MAGNETIC FLUX
RATES (PER TIME)
FLUX (RATE)
MAGNETIC FLUX
RT BETA FACTOR
CONSTITUTIVE EQUATIONS
CURRENT SHEETS
FLUX PINNING
LINES OF FORCE
PINNING

MAGNETIC FORMING

GS FORMING TECHNIQUES
MAGNETIC FORMING
METAL WORKING
MAGNETIC FORMING
RT BULGING
COLD WORKING
DEEP DRAWING
ELECTROMAGNETIC HAMMERS
METAL DRAWING

MAGNETIC INDUCTION

UF ELECTROMAGNETIC DEDUCTION
GS MAGNETIC PROPERTIES
MAGNETIC INDUCTION
RT COUPLING COEFFICIENTS
FLUX (RATE)
INDUCTION
∞INDUCTION
INDUCTION HEATING

MAGNETIC INDUCTION PROBES

MAGNETIC INDUCTION PROBES
USE MAGNETIC PROBES

MAGNETIC LENSES

UF QUADRUPOLE LENSES
GS LENSES
MAGNETIC LENSES
RT CATHODE RAY TUBES
ELECTRON BEAMS
ELECTRON GUNS
ELECTRON MICROSCOPES
ELECTRON MICROSCOPY
PLASMA GUNS
PLASMA JETS
WIRE GRID LENSES

MAGNETIC LEVITATION VEHICLES

GS SURFACE VEHICLES
MAGNETIC LEVITATION VEHICLES
RT LEVITATION
LIFT DEVICES
MASS DRIVERS (PAYLOAD DELIVERY)
RAIL TRANSPORTATION
SUSPENSION SYSTEMS (VEHICLES)
∞ VEHICLES

MAGNETIC MATERIALS

UF MAGNETIC METALS
GS **MAGNETIC MATERIALS**
FERRIMAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
FERROFLUIDS
FERROMAGNETIC FILMS
MAGNETITE
PERMALLOYS (TRADEMARK)
RT KONDO EFFECT
MAGNETS
∞ MATERIALS

MAGNETIC MEASUREMENT

SN (MEASUREMENT OF MAGNETIC PROPERTIES, QUANTITIES OR CONDITIONS)
UF FLUXMETERS
MAGNETOMETRY
RT ELECTROMAGNETIC MEASUREMENT
MAGNETOMETERS
∞ MATERIALS TESTS
∞ MEASUREMENT
SQUID (DETECTORS)

MAGNETIC MEMORIES

USE MAGNETIC STORAGE

MAGNETIC METALS

USE MAGNETIC MATERIALS
METALS

MAGNETIC MIRRORS

GS MIRRORS
MAGNETIC MIRRORS
RT LINES OF FORCE
MIRROR FUSION
MIRROR POINT
NONUNIFORM MAGNETIC FIELDS
NUCLEAR FUSION
PLASMA CONTROL
PLASMA EQUILIBRIUM
Q DEVICES
SCYLLA
SPHEROMAKS

MAGNETIC MOMENTS

GS MAGNETIC PROPERTIES
MAGNETIC MOMENTS
MOMENTS
DIPOLE MOMENTS
MAGNETIC MOMENTS
RT BOHR MAGNETON
ELECTRIC MOMENTS
LANGEVIN FORMULA
QUENCHING (ATOMIC PHYSICS)

MAGNETIC MONOPOLES

GS MONOPOLES
MAGNETIC MONOPOLES
PARTICLES
ELEMENTARY PARTICLES
MAGNETIC MONOPOLES
RT QUANTUM THEORY

MAGNETIC PERMEABILITY

UF MAGNETIC SUSCEPTIBILITY
SUSCEPTIBILITY (MAGNETISM)

MAGNETIC PERMEABILITY-(CONT)

GS MAGNETIC PROPERTIES
MAGNETIC PERMEABILITY
RT CURIE-WEISS LAW
DIELECTRIC PERMEABILITY
HYSTERESIS
NEEL TEMPERATURE
RELUCTANCE

MAGNETIC PISTONS

GS PISTONS
MAGNETIC PISTONS
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
SHOCK TUBES
SHOCK WAVE GENERATORS

MAGNETIC POLES

RT AURORAL ZONES
∞ DIPOLES
GEOMAGNETISM
POLARITY
∞ POLES

MAGNETIC PROBES

UF MAGNETIC INDUCTION PROBES
GS MEASURING INSTRUMENTS
MAGNETIC PROBES
RT MAGNETOMETERS
RESONANCE PROBES
SPACE PROBES

MAGNETIC PROPERTIES

GS **MAGNETIC PROPERTIES**
ANTIFERROMAGNETISM
BIOMAGNETISM
CURIE TEMPERATURE
DIAMAGNETISM
FERRIMAGNETISM
FERROMAGNETISM
GEOMAGNETISM
GYROMAGNETISM
GYROFREQUENCY
MAGNETIC EFFECTS
MAGNETIC RIGIDITY
MAGNETIC INDUCTION
MAGNETIC MOMENTS
MAGNETIC PERMEABILITY
MAGNETIC RELAXATION
SPIN-LATTICE RELAXATION
MAGNETIC SUSPENSION
MAGNETOACOUSTICS
MAGNETOACTIVITY
MAGNETORESISTIVITY
MAGNETOSTRICTION
PALEOMAGNETISM
PARAMAGNETISM
POLARIZATION CHARACTERISTICS
RELUCTANCE
REMANENCE
THERMOMAGNETIC EFFECTS
RT COERCIVITY
CURIE-WEISS LAW
DIPOLE MOMENTS
EDDY CURRENTS
ELECTRICAL PROPERTIES
ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETISM
FERRITIC STAINLESS STEELS
FIELD STRENGTH
HYSTERESIS
INDUCTANCE
KP INDEX
LINES OF FORCE
MAGNETIZATION
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAXWELL EQUATION
∞ PHYSICAL PROPERTIES
POLARIZATION (SPIN ALIGNMENT)
∞ PROPERTIES
∞ SOLID STATE PHYSICS
SPIN GLASS

MAGNETIC PUMPING

RT ELECTRON CYCLOTRON HEATING
INDUCTION HEATING
ION CYCLOTRON RADIATION
KINETIC HEATING
PLASMA HEATING
∞ PUMPING

MAGNETIC RECORDING

UF MAGNETIC TAPE RECORDERS
GS RECORDING

NASA THESAURUS (VOLUME 1)

MAGNETIC RECORDING-(CONT)

MAGNETIC RECORDING
RT BUBBLE MEMORY DEVICES
DATA RECORDING
RECORDING HEADS

MAGNETIC RELAXATION

GS MAGNETIC PROPERTIES
MAGNETIC RELAXATION
RT SPIN-LATTICE RELAXATION
RELAXATION (MECHANICS)

MAGNETIC RESONANCE

GS RESONANCE
MAGNETIC RESONANCE
FERROMAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE
PHOTON RESONANCE
PARAMAGNETIC RESONANCE
ELECTRON PARAMAGNETIC
RESONANCE
RT NUCLEAR SPIN
OVERHAUSER EFFECT
SPECTRUM ANALYSIS

MAGNETIC RIGIDITY

UF GYROINTERACTION
GS MAGNETIC PROPERTIES
MAGNETIC EFFECTS
MAGNETIC RIGIDITY
RT ELECTRON TRAJECTORIES
IONOSPHERIC DRIFT
PARTICLE MASS
PARTICLE MOTION
∞ RIGIDITY

MAGNETIC SHIELDING

GS SHIELDING
MAGNETIC SHIELDING
RT ELECTROMAGNETIC SHIELDING
MAGNETOMETERS
RADIATION SHIELDING

MAGNETIC SIGNALS

RT NUCLEAR MAGNETIC RESONANCE
SIGNAL MIXING
∞ SIGNALS

MAGNETIC SIGNATURES

UF MAGNETOGRAMS
GS SIGNATURES
MAGNETIC SIGNATURES
RT PATTERN REGISTRATION

MAGNETIC SPECTROSCOPY

GS SPECTROSCOPY
MAGNETIC SPECTROSCOPY
RT GAS SPECTROSCOPY
MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

MAGNETIC STARS

GS CELESTIAL BODIES
STARS
MAGNETIC STARS
RT PECULIAR STARS

MAGNETIC STORAGE

UF MAGNETIC MEMORIES
GS **MAGNETIC STORAGE**
BUBBLE MEMORY DEVICES
CORE STORAGE
MAGNETIC DISKS
MAGNETIC DRUMS
RT COMPUTER STORAGE DEVICES
DATA RECORDING
DATA STORAGE
∞ DRUMS
PARAMETRONS
∞ STORAGE
VIRTUAL MEMORY SYSTEMS

MAGNETIC STORMS

UF GEOMAGNETIC STORMS
MAGNETIC SUBSTORMS
GS MAGNETIC DISTURBANCES
MAGNETIC STORMS
STORMS
MAGNETIC STORMS
RT DAWN CHORUS
FORBUSH DECREASES
NOISE STORMS

NASA THESAURUS (VOLUME 1)

MAGNETIC STORMS-(CONT)

SOLAR STORMS
SOLAR TERRESTRIAL INTERACTIONS
SPREAD F
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS

MAGNETIC SUBSTORMS

USE MAGNETIC STORMS

MAGNETIC SURVEYS

UF MAGNETOTELLURIC PROFILING
RT AEROMAGNETISM
GEOMAGNETISM

MAGNETIC SUSCEPTIBILITY

USE MAGNETIC PERMEABILITY

MAGNETIC SUSPENSION

GS MAGNETIC PROPERTIES
MAGNETIC SUSPENSION
SUSPENDING (HANGING)
MAGNETIC SUSPENSION
RT ANNULAR SUSPENSION AND POINTING
SYSTEM
LEVITATION MELTING
MAGNETIC BEARINGS

MAGNETIC SWITCHING

GS SWITCHING
MAGNETIC SWITCHING
RT ANTIFERROMAGNETISM
BEAM SWITCHING
BUBBLE MEMORY DEVICES
SATURABLE REACTORS

MAGNETIC TAPE RECORDERS

USE MAGNETIC RECORDING
TAPE RECORDERS

MAGNETIC TAPE TRANSPORTS

GS MECHANICAL DRIVES
MAGNETIC TAPE TRANSPORTS
RT TAPE RECORDERS

MAGNETIC TAPES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
MAGNETIC TAPES
COMPUTER COMPATIBLE TAPES
RT PLASTIC TAPES
PLAYBACKS
PUNCHED TAPES
READERS
RECORDING HEADS
REELS
TAPE RECORDERS
∞ TAPES

MAGNETIC TRANSDUCERS

GS TRANSDUCERS
MAGNETIC TRANSDUCERS
RT ELECTROMAGNETIC MEASUREMENT
ELECTRONIC TRANSDUCERS
MICROPHONES

MAGNETIC VARIATIONS

GS VARIATIONS
MAGNETIC VARIATIONS
GEOMAGNETIC PULSATIONS
GEOMAGNETIC MICROPULSATIONS
NOCTURNAL VARIATIONS
RT AEROMAGNETISM
ANNUAL VARIATIONS
DIURNAL VARIATIONS
IONOSPHERIC DISTURBANCES
KP INDEX
SCYLLA
TRAVELING IONOSPHERIC
DISTURBANCES

MAGNETICALLY TRAPPED PARTICLES

GS PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED
PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
TRAPPED PARTICLES
MAGNETICALLY TRAPPED
PARTICLES

MAGNETICALLY TRAPPED PARTICLES-(CONT)

RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
RT PLASMA CONTROL
TRAPPED MAGNETIC FIELDS

MAGNETITE

GS CHALCOGENIDES
OXIDES
METAL OXIDES
IRON OXIDES
MAGNETITE
IRON COMPOUNDS
IRON OXIDES
MAGNETITE
MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
MAGNETITE
MINERALS
MAGNETITE

MAGNETIZATION

UF REMAGNETIZATION
RT COERCIVITY
MAGNETIC DISPERSION
MAGNETIC FIELDS
MAGNETIC PROPERTIES
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAGNONS
∞ POLARIZATION
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)

MAGNETO-OPTICS

RT ACOUSTO-OPTICS
ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS
∞ OPTICS
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC
RADIATION

MAGNETOACOUSTIC WAVES

GS ELASTIC WAVES
MAGNETOELASTIC WAVES
MAGNETOACOUSTIC WAVES
RT MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

MAGNETOACOUSTICS

GS ACOUSTICS
MAGNETOACOUSTICS
MAGNETIC PROPERTIES
MAGNETOACOUSTICS

MAGNETOACTIVITY

GS MAGNETIC PROPERTIES
MAGNETOACTIVITY
MAGNETORESISTIVITY
RT MAGNETIC EFFECTS
MAGNETIC FIELDS

MAGNETOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
MAGNETOCARDIOGRAPHY
RT BIOINSTRUMENTATION

MAGNETOELASTIC VIBRATIONS

USE MAGNETOELASTIC WAVES

MAGNETOELASTIC WAVES

UF MAGNETOELASTIC VIBRATIONS
GS ELASTIC WAVES
MAGNETOELASTIC WAVES
MAGNETOACOUSTIC WAVES
RT ELECTROSTATIC WAVES
MAGNETOSONIC RESONANCE
MAGNETOSPHERIC INSTABILITY
MAGNETOSTRICTION
PLASMA WAVES
SOUND WAVES
ULTRASONIC RADIATION

MAGNETOELASTICITY

USE MAGNETOSTRICTION

MAGNETOHYDRODYNAMIC STABILITY

MAGNETOELECTRIC MEDIA

RT DIELECTRICS
MAGNETOIONICS
MAXWELL EQUATION
MECHANICAL DRIVES

MAGNETOGASDYNAMICS

USE MAGNETOHYDRODYNAMICS

MAGNETOGRAMS

USE MAGNETIC SIGNATURES

MAGNETOHYDRODYNAMIC ACCELERATION

USE PLASMA ACCELERATION

MAGNETOHYDRODYNAMIC FLOW

UF HYDROMAGNETIC FLOW
PLASMA FLOW
GS FLUID FLOW
MAGNETOHYDRODYNAMIC FLOW
RT COMPRESSIBLE FLOW
CORE FLOW
GAS FLOW
GEOMAGNETIC HOLLOW
HARTMANN FLOW
KELVIN-HELMHOLTZ INSTABILITY
LINE CURRENT
MAGNETOHYDRODYNAMICS
PLASMA FLUX MEASUREMENT
PLASMA TURBULENCE
PLASMAS (PHYSICS)
REVERSE FIELD PINCH
SCREW PINCH
SOLAR WIND VELOCITY
TRANSVERSE WAVES
TWO FLUID MODELS

MAGNETOHYDRODYNAMIC GENERATORS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
MAGNETOHYDRODYNAMIC
GENERATORS
RT FUEL CELLS
∞ GENERATORS
MAGNETOHYDRODYNAMICS
PLASMA ACCELERATORS
PLASMA GENERATORS
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS

MAGNETOHYDRODYNAMIC SHEAR HEATING

GS HEATING
MAGNETOHYDRODYNAMIC SHEAR
HEATING
RT PLASMA HEATING
PLASMA SHEATHS
SHOCK HEATING
VISCOUS FLOW

MAGNETOHYDRODYNAMIC STABILITY

UF HYDROMAGNETIC STABILITY
PLASMA INSTABILITY
PLASMA STABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
FLOW STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
FLOW CHARACTERISTICS
FLOW STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
FLOW STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
RT BALLOONING MODES
BETA FACTOR
ELASTIC WAVES
ELLIPTICAL PLASMAS
HELICAL FLOW
KELVIN-HELMHOLTZ INSTABILITY
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
PLASMA CONDUCTIVITY
PLASMA COOLING
PLASMA DECAY
PLASMA DRIFT

MAGNETOHYDRODYNAMIC TURBULENCE

MAGNETOHYDRODYNAMIC STABILITY-(CONT)

PLASMA EQUILIBRIUM
PLASMA LIFETIME
PLASMA LOSS
PLASMA PINCH
PLASMA POTENTIALS
PLASMA SLABS
PLASMA TEMPERATURE
PLASMA TURBULENCE
PLASMAS (PHYSICS)
PLASMONS
SPACE PLASMAS
STRONGLY COUPLED PLASMAS
THERMAL INSTABILITY
ZETA PINCH

MAGNETOHYDRODYNAMIC TURBULENCE

GS TURBULENCE
MAGNETOHYDRODYNAMIC TURBULENCE
PLASMA TURBULENCE
RT HOMOGENEOUS TURBULENCE
ISOTROPIC TURBULENCE

MAGNETOHYDRODYNAMIC WAVES

UF ALFVEN WAVES
HYDROMAGNETIC WAVES
PLASMA SOUND WAVES
GS ELASTIC WAVES
MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES
ELECTROSTATIC WAVES
RT MAGNETOACOUSTIC WAVES
MAGNETOHYDRODYNAMICS
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES
SHOCK WAVES

MAGNETOHYDRODYNAMICS

UF GEOMETRICAL HYDROMAGNETICS
HYDROMAGNETICS
HYDROMAGNETISM
MAGNETOGASDYNAMICS
GS FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
MAGNETOHYDRODYNAMICS
CYLINDRICAL PLASMAS
HYDROMECHANICS
HYDRODYNAMICS
MAGNETOHYDRODYNAMICS
RT ALPHA PLASMA DEVICES
CONDUCTING FLUIDS
 ∞ DYNAMICS
ELECTRIC ARCS
ELECTROHYDRODYNAMICS
GAS DYNAMICS
GAS TRANSPORT
HALL ACCELERATORS
HALL EFFECT
HARTMANN FLOW
HARTMANN NUMBER
IONIZATION
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC GENERATORS
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMIC WAVES
MAGNETOHYDROSTATICS
MAGNETOIONICS
MAGNETOSONIC RESONANCE
PINCH EFFECT
PLASMA CURRENTS
PLASMA DYNAMICS
PLASMA PHYSICS
PLASMA PROPULSION
PLASMAS (PHYSICS)
SPACE CHARGE
SPACE MECHANICS
SPACE PLASMAS
STELLAR ACTIVITY
STELLARATORS
THERMONUCLEAR REACTIONS
URANIUM PLASMAS

MAGNETOHYDROSTATICS

GS FLUID MECHANICS
HYDROMECHANICS
HYDROSTATICS
MAGNETOHYDROSTATICS
STATICS
HYDROSTATICS
MAGNETOHYDROSTATICS
RT MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOIONICS

MAGNETOHYDROSTATICS-(CONT)

PLASMA PHYSICS
STATIC STABILITY

MAGNETOIONIC PLASMA

USE PLASMAS (PHYSICS)

MAGNETOIONICS

RT ELECTROMAGNETIC WAVE
TRANSMISSION
ELLIPTICAL POLARIZATION
GEOMAGNETISM
GYROFREQUENCY
IONOSPHERIC PROPAGATION
MAGNETOELECTRIC MEDIA
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
PLASMAS (PHYSICS)
RADIO TRANSMISSION

MAGNETOMECHANICS (PHYSICS)

RT MAGNETIC PROPERTIES
MAGNETIZATION
 ∞ PHYSICS

MAGNETOMETERS

UF GAUSSMETERS
GRADIOMETERS
GS MEASURING INSTRUMENTS
MAGNETOMETERS
VARIOMETERS
RT ELECTRICAL MEASUREMENT
FIELD INTENSITY METERS
GEOMAGNETISM
MAGNETIC MEASUREMENT
MAGNETIC PROBES
MAGNETIC SHIELDING
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
NUCLEAR MAGNETIC RESONANCE
PROTON MASERS

MAGNETOMETRY

USE MAGNETIC MEASUREMENT

MAGNETOPAUSE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
MAGNETOSPHERE
MAGNETOPAUSE
ENVIRONMENTS
MAGNETOSPHERE
MAGNETOPAUSE
RT CHAPMAN-FERRARO PROBLEM
MAGNETOSPHERIC INSTABILITY
POLAR CUSPS
SATELLITE ATMOSPHERES
SOLAR WIND

MAGNETOPLASMA DYNAMICS

RT MAGNETIC FIELDS
PLASMA DENSITY
PLASMA PROPULSION
ROCKET ENGINES
SPACECRAFT PROPULSION

MAGNETOPLASMAS

USE PLASMAS (PHYSICS)

MAGNETORESISTIVITY

GS MAGNETIC PROPERTIES
MAGNETOACTIVITY
MAGNETORESISTIVITY
TRANSPORT PROPERTIES
ELECTRICAL RESISTIVITY
MAGNETORESISTIVITY
RT ∞ CONDUCTIVITY
ELECTROMAGNETISM
FERMI SURFACES
MAGNETIC FIELDS
RELUCTANCE
 ∞ RESISTANCE

MAGNETOSONIC RESONANCE

GS RESONANCE
MAGNETOSONIC RESONANCE
RT MAGNETOELASTIC WAVES
MAGNETOHYDRODYNAMICS

MAGNETOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE

NASA THESAURUS (VOLUME 1)

MAGNETOSPHERE-(CONT)

MAGNETOSPHERE
GEOMAGNETIC TAIL
MAGNETOPAUSE
ENVIRONMENTS
MAGNETOSPHERE
GEOMAGNETIC TAIL
MAGNETOPAUSE
RT AMPTE (SATELLITES)
BARIUM ION CLOUDS
CHAPMAN-FERRARO PROBLEM
COROTATION
EXOSPHERE
GEOMAGNETIC HOLLOW
GEOMAGNETISM
GEOS SATELLITES (ESA)
HETEROSPHERE
INTERNATIONAL MAGNETOSPHERIC EXPLORER
INTERNATIONAL MAGNETOSPHERIC STUDY
IONOSPHERE
KP INDEX
MAGNETIC FIELDS
NEUTRAL SHEETS
OPEN PROJECT
PLASMA CLOUDS
PLASMAPAUSE
PLASMASPHERE
POLAR CUSPS
RADIATION BELTS
RADIATION TRAPPING
SATELLITE ATMOSPHERES
SCREEN EFFECT
SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
SOLAR WIND VELOCITY
SPACE PLASMAS
THERMOSPHERE

MAGNETOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC ELECTRON DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ELECTRON DENSITY
PLASMA DENSITY

MAGNETOSPHERIC INSTABILITY

GS STABILITY
MAGNETOSPHERIC INSTABILITY
RT GEOMAGNETIC PULSATIONS
MAGNETOELASTIC WAVES
MAGNETOPAUSE

MAGNETOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ION DENSITY
PLASMA DENSITY
POSITIVE IONS

MAGNETOSPHERIC PROTON DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
PLASMA DENSITY

MAGNETOSTATIC AMPLIFIERS

GS AMPLIFIERS
MAGNETOSTATIC AMPLIFIERS
RT MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
TRAVELING WAVE TUBES
YTTRIUM-ALUMINIUM GARNET
YTTRIUM-IRON GARNET

MAGNETOSTATIC FIELDS

GS MAGNETIC FIELDS

MAGNETOSTATIC FIELDS-(CONT)**MAGNETOSTATIC FIELDS**

RT FIELD THEORY (PHYSICS)
LINES OF FORCE

MAGNETOSTATICS

GS ELECTROMAGNETISM

MAGNETOSTATICS

RT ELECTROSTATICS
FLUX (RATE)
MAGNETIC FIELDS

MAGNETOSTRICTION

UF MAGNETOELASTICITY

GS MAGNETIC PROPERTIES

MAGNETOSTRICTION

MECHANICAL PROPERTIES
ELASTIC PROPERTIES

MAGNETOSTRICTION

RT ELECTROSTRICTION
MAGNETOELASTIC WAVES

MAGNETOTELLURIC PROFILING

USE MAGNETIC SURVEYS

MAGNETOVARIOGRAPHS

USE VARIOMETERS

MAGNETRON SPUTTERING

GS SPUTTERING

MAGNETRON SPUTTERING

RT DEPOSITION
METAL COATINGS

MAGNETRONS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES

MAGNETRONS

NIGOTRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES

MAGNETRONS

NIGOTRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES

MAGNETRONS

NIGOTRONS
RT CAVITY RESONATORS
CROSSED FIELD AMPLIFIERS
CROSSED FIELDS
ELECTROSTATIC GENERATORS
KLYSTRONS
MULTIMODE RESONATORS
PLANOTRONS
RESONATORS
TRAVELING WAVE TUBES

MAGNETS

GS **MAGNETS**

CRYOGENIC MAGNETS
ELECTROMAGNETS
HIGH FIELD MAGNETS
SUPERCONDUCTING MAGNETS
FERRIMAGNETS
WIGGLER MAGNETS

RT ELECTRETS
FERROMAGNETIC MATERIALS
FERROMAGNETISM
MAGNET COILS
MAGNETIC CORES
MAGNETIC FIELDS
MAGNETIC MATERIALS
MAGNETIC PROPERTIES
MAGNETIZATION
PERMALLOYS (TRADEMARK)

MAGNIFICATION

UF MAGNIFIERS

RT AMPLIFICATION
INCREASING
LENSES
∞ PROJECTION

MAGNIFIERS

USE MAGNIFICATION

MAGNITUDE

GS **MAGNITUDE**
STELLAR MAGNITUDE
RT AMPLITUDES
DIMENSIONS

MAGNITUDE-(CONT)

DISPLACEMENT
∞ INTENSITY
LEVEL (QUANTITY)

MAGNONS

UF SPIN WAVES
GS ELEMENTARY EXCITATIONS

MAGNONS

RT ANTIFERROMAGNETISM
FERRIMAGNETISM
FERROMAGNETISM
MAGNETIZATION
PLASMONS

MAGNUS EFFECT

RT BERNOULLI THEOREM
BOUNDARY LAYER FLOW

∞ EFFECTS

FLUID DYNAMICS
FLUID FLOW
MISSILE DESIGN
ROTATING CYLINDERS

MAGSAT A SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
MAGSAT A SATELLITE
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT B SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
MAGSAT B SATELLITE
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
MAGSAT SATELLITES
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
MAGSAT 1 SATELLITE
RT GEOMAGNETISM
MAGNETOMETERS

MAIN SEQUENCE STARS

GS CELESTIAL BODIES
STARS
MAIN SEQUENCE STARS
PRE-MAIN SEQUENCE STARS

RT COLOR-MAGNITUDE DIAGRAM
DWARF STARS
EARLY STARS
GIANT STARS
LATE STARS
M STARS
RED DWARF STARS
STELLAR EVOLUTION
STELLAR MASS
SUBDWARF STARS
SUBGIANT STARS

MAINE

GS NATIONS
UNITED STATES
MAINE
RT ST LAWRENCE VALLEY (NORTH
AMERICA)

MAINTAINABILITY

RT DESIGN ANALYSIS
MAINTENANCE
RELIABILITY

MAINTENANCE

UF REPAIRING
TROUBLESHOOTING
GS **MAINTENANCE**
AIRCRAFT MAINTENANCE
FILE MAINTENANCE (COMPUTERS)
SPACE MAINTENANCE
SPACECRAFT MAINTENANCE
RT CHECKOUT

MAINTENANCE-(CONT)

CONSTRUCTION
DAMAGE ASSESSMENT
DOWNTIME
EQUIPMENT SPECIFICATIONS
∞ FIXING
GROUND CREWS
GROUND SUPPORT EQUIPMENT
INSTALLING
LOGISTICS
LOGISTICS MANAGEMENT
LUBRICANTS
LUBRICATION
MAINTAINABILITY
MANUALS
MECHANICAL ENGINEERING
OPERATING COSTS
RELIABILITY
REPLACING
SELF REPAIRING DEVICES
SERVICE LIFE
SHIPYARDS
SHOPS
SPARE PARTS
SPECIFICATIONS

MAINTENANCE TRAINING

GS EDUCATION
MAINTENANCE TRAINING

MAJORITY CARRIERS

GS CHARGE CARRIERS
MAJORITY CARRIERS
RT ADDITIVES
BIPOLAR TRANSISTORS
CARRIER INJECTION
ELECTRON MOBILITY
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTORS (MATERIALS)

MALAGASY REPUBLIC

UF MADAGASCAR
GS LANDFORMS
ISLANDS
MALAGASY REPUBLIC
NATIONS
MALAGASY REPUBLIC
RT AFRICA
INDIAN OCEAN

MALAWI

GS NATIONS
MALAWI
RT AFRICA

MALAYA

USE MALAYSIA

MALAYSIA

UF MALAYA
GS NATIONS
MALAYSIA

MALDIVE ISLANDS

GS LANDFORMS
ISLANDS
NATIONS
MALDIVE ISLANDS

MALEATES

GS ALIPHATIC COMPOUNDS
MALEATES
ESTERS
MALEATES

MALES

RT CHILDREN
FEMALES
SEX
SEX FACTOR

MALFUNCTIONS

RT ABORTED MISSIONS
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
DOWNTIME
ERRORS
FAILURE
SYSTEM FAILURES

MALI

GS NATIONS
MALI

MALKUS THEORY

MALI-(CONT)

RT AFRICA

MALKUS THEORY

RT STATISTICAL MECHANICS
∞ THEORIES

MALLEABILITY

GS MECHANICAL PROPERTIES
MALLEABILITY
RT DUCTILITY
METAL WORKING

MALONONITRILE

GS CYANIDES
MALONONITRILE
NITRILES
MALONONITRILE

MALTA

GS LANDFORMS
ISLANDS
MALTA
RT MEDITERRANEAN SEA

MAMMALS

GS ANIMALS
VERTEBRATES
MAMMALS
BATS
BEARS
CATS
CATTLE
CALVES
DEER
CARIBOUS
DOGS
DOLPHINS
GOATS
HORSES
MANATEES
MARINE MAMMALS
PORPOISES
PRIMATES
APES
CHIMPANZEES
BABOONS
HUMAN BEINGS
MONKEYS
RODENTS
GUINEA PIGS
HAMSTERS
MICE
JERBOAS
POCKET MICE
RABBITS
RATS
SQUIRRELS
GROUND SQUIRRELS
SEALS (ANIMALS)
SHEEP
SHREWS
SWINE
WHALES
WOLVES
RT EARTH RESOURCES
MAMMARY GLANDS

MAMMARY GLANDS

GS ANATOMY
GLANDS (ANATOMY)
MAMMARY GLANDS
RT MAMMALS

MAN

USE HUMAN BEINGS

MAN ENVIRONMENT INTERACTIONS

RT DESERTIFICATION
ENVIRONMENT EFFECTS
ENVIRONMENT MANAGEMENT
HUMAN BEINGS
∞ INTERACTIONS
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
RESOURCES

MAN MACHINE SYSTEMS

RT ASTRONAUT PERFORMANCE
∞ AUTOMATION
BALANCING
BIONICS
BIOTECHNOLOGY
COMPUTER SYSTEMS DESIGN

MAN MACHINE SYSTEMS-(CONT)

CONSOLES
CYBERNETICS
DATA PROCESSING TERMINALS
DEPERSONALIZATION
DISPLAY DEVICES
∞ ENGINEERING
HUMAN FACTORS ENGINEERING
MANAGEMENT
MECHANIZATION
PILOT INDUCED OSCILLATION
ROBOTICS
∞ SYSTEMS
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS MANAGEMENT
TELEOPERATORS
WORKSTATIONS

MAN OPERATED PROPULSION SYSTEMS

UF MOPS (PROPULSION SYSTEMS)
GS PROPULSION
LOW THRUST PROPULSION
MAN OPERATED PROPULSION
SYSTEMS
RT ASTRONAUT LOCOMOTION
COMPRESSED AIR
EXTRAVEHICULAR ACTIVITY
GASEOUS ROCKET PROPELLANTS
MANNED SPACE FLIGHT
PILOT PERFORMANCE
RETROROCKET ENGINES
∞ SYSTEMS

MAN POWERED AIRCRAFT

RT ∞ AIRCRAFT
HANG GLIDERS
SOARING
ULTRALIGHT AIRCRAFT
∞ WINGED VEHICLES

MANAGEMENT

UF ADMINISTRATION
GS MANAGEMENT
CONFIGURATION MANAGEMENT
CONTRACT MANAGEMENT
DATA MANAGEMENT
ENVIRONMENT MANAGEMENT
FINANCIAL MANAGEMENT
INDUSTRIAL MANAGEMENT
ENGINEERING MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
PERSONNEL MANAGEMENT
INFORMATION MANAGEMENT
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
MATRIX MANAGEMENT
PROCUREMENT MANAGEMENT
PRODUCTION MANAGEMENT
PROJECT MANAGEMENT
RESEARCH MANAGEMENT
RESOURCES MANAGEMENT
FOREST MANAGEMENT
REFORESTATION
LAND MANAGEMENT
SAFETY MANAGEMENT
SYSTEMS MANAGEMENT
TERMINAL AREA ENERGY
MANAGEMENT
WATER MANAGEMENT
WEAPON SYSTEM MANAGEMENT
RT AUTONOMY
CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
COMMAND AND CONTROL
CONTRACT NEGOTIATION
COST ANALYSIS
COST ESTIMATES
COST INCENTIVES
COST REDUCTION
CYBERNETICS
DECISION MAKING
DECISIONS
∞ DIRECTION
ECONOMIC ANALYSIS
ECONOMIC FACTORS
EVALUATION
FIDUCIARIES
FORECASTING
GERT
INCENTIVE TECHNIQUES
INCENTIVES
INFORMATION FLOW

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MANAGEMENT-(CONT)

MAN MACHINE SYSTEMS
MARKETING
MISSION PLANNING
OPERATIONS RESEARCH
PERFORMANCE PREDICTION
PERSONNEL DEVELOPMENT
PREJUDICES
PROBLEM SOLVING
PROCUREMENT POLICY
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
PROGRESS
PROJECT PLANNING
∞ RESEARCH PROJECTS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING

MANAGEMENT ANALYSIS

RT ∞ ANALYZING
COST ANALYSIS
GERT
PERT
TRADEOFFS

MANAGEMENT INFORMATION SYSTEMS

GS INFORMATION SYSTEMS
MANAGEMENT INFORMATION
SYSTEMS
MANAGEMENT SYSTEMS
MANAGEMENT INFORMATION
SYSTEMS
RT COMPUTER TECHNIQUES
DATA BASE MANAGEMENT SYSTEMS
DATA RETRIEVAL
DATA STORAGE
DATA SYSTEMS
INFORMATION RETRIEVAL
INFORMATION THEORY
∞ SYSTEMS

MANAGEMENT METHODS

GS MANAGEMENT METHODS
DELPHI METHOD (FORECASTING)
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
RT COMPUTER TECHNIQUES
COST REDUCTION
CRITICAL PATH METHOD
DECISION MAKING
ESTIMATES
FORECASTING
GERT
INCENTIVES
MATRIX MANAGEMENT
∞ METHODOLOGY
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PERT
RETRAINING
STARSITE PROGRAM
SYSTEMS MANAGEMENT

MANAGEMENT PLANNING

GS PLANNING
MANAGEMENT PLANNING
PRODUCTION PLANNING
PROJECT PLANNING
RT CONSULTING
COST ANALYSIS
COST REDUCTION
DECISION MAKING
∞ DEVELOPMENT
ECONOMY
ESTIMATES
FEASIBILITY ANALYSIS
FINANCE
FORECASTING
GERT
INTERFACES
LIFE CYCLE COSTS
MEDIATION
MISSION PLANNING
OPERATIONS RESEARCH
PERSONNEL MANAGEMENT
PERT
PROGRAM TREND LINE ANALYSIS
PROJECT MANAGEMENT
RESEARCH AND DEVELOPMENT
SELECTIVE DISSEMINATION OF
INFORMATION
SYSTEMS ENGINEERING
TRADEOFFS
VALUE ENGINEERING

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MANAGEMENT SYSTEMS

GS **MANAGEMENT SYSTEMS**
FLIGHT MANAGEMENT SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
RT **COMPUTER TECHNIQUES**
INFORMATION SYSTEMS
PROJECT MANAGEMENT
∞ SYSTEMS

MANATEES

GS **ANIMALS**
VERTEBRATES
MAMMALS
MANATEES

MANDELSTAM REPRESENTATION

GS **ATTENUATION**
WAVE ATTENUATION
RADIO ATTENUATION
MANDELSTAM REPRESENTATION
RELATIVISTIC THEORY
RT **MANDELSTAM REPRESENTATION**
ELECTROMAGNETIC ABSORPTION
INELASTIC SCATTERING
LORENTZ TRANSFORMATIONS
MICROWAVE SCATTERING
NUCLEAR SCATTERING
QUANTUM THEORY
RADAR ATTENUATION

MANDRELS

RT **CORES**
MACHINE TOOLS
MOLDS
SHAFTS (MACHINE ELEMENTS)

MANEUVERABILITY

RT **AIR SLEW MISSILES**
AIRCRAFT CONTROL
AIRCRAFT MANEUVERS
AIRCRAFT PERFORMANCE
CONTROLLABILITY
FLIGHT CHARACTERISTICS
FLIGHT CONTROL
HELICOPTER PERFORMANCE
MANEUVERS
SPACECRAFT MANEUVERS

MANEUVERABLE REENTRY BODIES

GS **REENTRY VEHICLES**
MANEUVERABLE REENTRY BODIES
RT ∞ BODIES

MANEUVERABLE SPACECRAFT

GS **MANEUVERABLE SPACECRAFT**
AEROSPACEPLANES
ASTROPLANE
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
ASTRO VEHICLE
EVASIVE SATELLITES
FERRY SPACECRAFT
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
RENDZVOUS SPACECRAFT
RT **ARTIFICIAL SATELLITES**
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR PROBES
LUNAR SATELLITES
MANNED SPACECRAFT
MARS (MANNED REUSABLE SPACECRAFT)
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
SPACE PROBES
∞ SPACECRAFT
SPACECRAFT MANEUVERS
THRUST VECTOR CONTROL

MANEUVERS

GS **MANEUVERS**
AIRCRAFT MANEUVERS
EVASIVE ACTIONS
HOVERING
ORBITAL RENDEZVOUS
EARTH ORBITAL RENDEZVOUS

MANEUVERS-(CONT)

LUNAR ORBITAL RENDEZVOUS
SIDESLIP
SPACECRAFT DOCKING
SPACECRAFT MANEUVERS
ORBITAL MANEUVERS
RT **ACROBATICS**
AIRCRAFT SPIN
FLIGHT CONTROL
LANDING
MANEUVERABILITY
MINOR CIRCLE TURNING FLIGHT
SELF MANEUVERING UNITS
TAKEOFF
TURNING FLIGHT

MANGANESE

GS **CHEMICAL ELEMENTS**
MANGANESE
MANGANESE ISOTOPES
METALS
TRANSITION METALS
MANGANESE
MANGANESE ISOTOPES
RT **STRATEGIC MATERIALS**

MANGANESE ALLOYS

GS **ALLOYS**
MANGANESE ALLOYS
MANGANIN (TRADEMARK)

MANGANESE COMPOUNDS

GS **MANGANESE COMPOUNDS**
HOPCALITE (TRADEMARK)
MANGANESE OXIDES
MANGANESE PHOSPHIDES
PERMANGANATES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 7B COMPOUNDS
∞ METAL COMPOUNDS

MANGANESE IONS

GS **IONS**
CATIONS
METAL IONS
MANGANESE IONS
PARTICLES
CHARGED PARTICLES
CATIONS
METAL IONS
MANGANESE IONS
RT **PERMANGANATES**

MANGANESE ISOTOPES

UF **MANGANESE 53**
MANGANESE 54
MANGANESE 56
GS **CHEMICAL ELEMENTS**
MANGANESE
MANGANESE ISOTOPES
NUCLIDES
ISOTOPES
MANGANESE ISOTOPES
METALS
TRANSITION METALS
MANGANESE
MANGANESE ISOTOPES

MANGANESE OXIDES

GS **CHALCOGENIDES**
OXIDES
METAL OXIDES
MANGANESE OXIDES
HOPCALITE (TRADEMARK)
MANGANESE COMPOUNDS
MANGANESE OXIDES

MANGANESE PHOSPHIDES

GS **MANGANESE COMPOUNDS**
MANGANESE PHOSPHIDES
PHOSPHORUS COMPOUNDS
PHOSPHIDES
MANGANESE PHOSPHIDES

MANGANESE 53

USE **MANGANESE ISOTOPES**

MANGANESE 54

USE **MANGANESE ISOTOPES**

MANGANESE 56

USE **MANGANESE ISOTOPES**

MANNED ORBITAL LABORATORIES

MANGANIN (TRADEMARK)

GS **ALLOYS**
COPPER ALLOYS
MANGANIN (TRADEMARK)
MANGANESE ALLOYS
MANGANIN (TRADEMARK)
RT **ELECTRICAL RESISTANCE**
THERMOCOUPLES

MANIFOLDS

RT **AIR INTAKES**
EXHAUST SYSTEMS
FUEL SYSTEMS
INTAKE SYSTEMS
PIPES (TUBES)
PLENUM CHAMBERS
∞ TUBES
∞ WATER INTAKES

MANIFOLDS (MATHEMATICS)

GS **MANIFOLDS (MATHEMATICS)**
RIEMANN MANIFOLD
RT **COORDINATES**
CURVES (GEOMETRY)
FIBERS (MATHEMATICS)
FIXED POINTS (MATHEMATICS)
TOPOLOGY

MANIPULATION

USE **MANIPULATORS**

MANIPULATORS

SN (MECHANICAL DEVICES FOR REMOTE HANDLING)
UF **MANIPULATION**
GS **MANIPULATORS**
REMOTE MANIPULATOR SYSTEM
RT **CONTROL EQUIPMENT**
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
REMOTE CONTROL
REMOTE HANDLING
ROBOTICS
SERVOCONTROL
SHIELDING
TELEOPERATORS

MANITOBA

GS **NATIONS**
CANADA
MANITOBA

MANITOU (CO)

GS **CITIES**
MANITOU (CO)
RT **COLORADO**

MANN-WHITNEY-WILCOXON U TEST

GS **STATISTICAL ANALYSIS**
STATISTICAL TESTS
MANN-WHITNEY-WILCOXON U TEST
RT **QUALITY CONTROL**

MANNED AERODYNAMIC REUSABLE SPACESHIP

USE **MARS (MANNED REUSABLE SPACECRAFT)**

MANNED LUNAR SURFACE VEHICLES

GS **SURFACE VEHICLES**
LUNAR SURFACE VEHICLES
LUNAR ROVING VEHICLES
MANNED LUNAR SURFACE VEHICLES
RT **CRAWLER TRACTORS**
LUNAR LOGISTICS
LUNAR MOBILE LABORATORIES
∞ SURFACES
∞ VEHICLES
WALKING MACHINES

MANNED MANEUVERING UNITS

GS **EXTRAVEHICULAR MOBILITY UNITS**
ASTRONAUT MANEUVERING EQUIPMENT
MANNED MANEUVERING UNITS
RT **ASTRONAUT LOCOMOTION**
EXTRAVEHICULAR ACTIVITY
LIFE SUPPORT SYSTEMS
ORBITAL SERVICING
SELF MANEUVERING UNITS
SPACE SUITS

MANNED ORBITAL LABORATORIES

UF **MOL (ORBITAL LABORATORIES)**

MANNED ORBITAL RESEARCH LABORATORIES

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MANNED ORBITAL LABORATORIES-(CONT)

GS LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
RT APOLLO SPACECRAFT
ORBITAL SPACE STATIONS
ORBITAL WORKSHOPS
RECONNAISSANCE SPACECRAFT
TITAN 3 LAUNCH VEHICLE

MANNED ORBITAL RESEARCH LABORATORIES

UF MORL
GS LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
**MANNED ORBITAL RESEARCH
LABORATORIES**
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
**MANNED ORBITAL RESEARCH
LABORATORIES**
RT APOLLO SPACECRAFT
ORBITAL SPACE STATIONS
∞SPACECRAFT

MANNED ORBITAL SPACE STATIONS

USE ORBITAL SPACE STATIONS

MANNED ORBITAL TELESCOPES

UF MOT (ORBITAL TELESCOPES)
GS TELESCOPES
MANNED ORBITAL TELESCOPES
RT ASTRONOMICAL TELESCOPES
OAO

MANNED REENTRY

GS ATMOSPHERIC ENTRY
REENTRY
MANNED REENTRY
SPACE FLIGHT
MANNED SPACE FLIGHT
MANNED REENTRY
RT DESCENT TRAJECTORIES
ENVIRONMENTAL CONTROL
LIFTING REENTRY VEHICLES
REENTRY COMMUNICATION
SPACECRAFT REENTRY

MANNED SPACE FLIGHT

GS SPACE FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
GEMINI FLIGHTS
GEMINI 3 FLIGHT
GEMINI 4 FLIGHT
GEMINI 5 FLIGHT
GEMINI 6 FLIGHT
GEMINI 7 FLIGHT
GEMINI 8 FLIGHT
GEMINI 9 FLIGHT
GEMINI 10 FLIGHT
GEMINI 11 FLIGHT
GEMINI 12 FLIGHT
MANNED REENTRY
MERCURY FLIGHTS
MERCURY MA-1 FLIGHT
MERCURY MA-2 FLIGHT
MERCURY MA-3 FLIGHT
MERCURY MA-4 FLIGHT
MERCURY MA 5 FLIGHT
MERCURY MA-6 FLIGHT
MERCURY MA-7 FLIGHT
MERCURY MA-8 FLIGHT
MERCURY MA-9 FLIGHT
MERCURY MR-1 FLIGHT
MERCURY MR-2 FLIGHT

MANNED SPACE FLIGHT-(CONT)

MERCURY MR-3 FLIGHT
MERCURY MR-4 FLIGHT
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
SPACE SHUTTLE MISSION 41-A
SPACE SHUTTLE MISSION 41-B
SPACE SHUTTLE MISSION 41-C
SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSION 41-G
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
ATLANTIS (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
EXTRAVEHICULAR ACTIVITY
GEMINI (GT-1) SPACECRAFT
GEMINI B SPACECRAFT
GEMINI SPACECRAFT
GEMINI 2 SPACECRAFT
HUMAN FACTORS ENGINEERING
INDIAN SPACE PROGRAM
INTERPLANETARY FLIGHT
INTERSTELLAR TRAVEL
INTRAVEHICULAR ACTIVITY
LONG DURATION SPACE FLIGHT
MAN OPERATED PROPULSION SYSTEMS
MERCURY PROJECT
SPACE ADAPTATION SYNDROME
SPACE COMMUNICATION
SPACE EXPLORATION
SPACE FLIGHT STRESS
SPACE LOGISTICS
SPACE PROGRAMS
SPACE PSYCHOLOGY
SPACE SHUTTLE ORBITERS
SPACE SHUTTLES
SPACECREW TRANSFER
SUBORBITAL FLIGHT

MANNED SPACE FLIGHT NETWORK

GS TRACKING NETWORKS
MANNED SPACE FLIGHT NETWORK
RT ADVANCED RANGE INSTRUMENTATION
SHIP
UNIFIED S BAND

MANNED SPACECRAFT

GS **MANNED SPACECRAFT**
AEROSPACEPLANES
ASTROPLANE
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
ASTRO VEHICLE
FERRY SPACECRAFT
GEMINI B SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
JANUS SPACECRAFT
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
MARS (MANNED REUSABLE
SPACECRAFT)
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7

MANNED SPACECRAFT-(CONT)

SHUTTLE DERIVED VEHICLES
SOYUZ SPACECRAFT
SPACE SHUTTLES
HERMES MANNED SPACEPLANE
SPACE STATIONS
ORBITAL SPACE STATIONS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
SALYUT SPACE STATION
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE OPERATIONS CENTER
(NASA)
SPACE BASE COMMAND CENTER
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
RT APOLLO PROJECT
APOLLO SOYUZ TEST PROJECT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
APPROACH AND LANDING TESTS (STS)
ARTIFICIAL SATELLITES
BIOSATELLITES
BOOSTGLIDE VEHICLES
CHALLENGER (ORBITER)
COMMAND SERVICE MODULES
ENVIRONMENTAL CONTROL
GRAVITY GRADIENT SATELLITES
INTERPLANETARY SPACECRAFT
LANDING MODULES
LIFTING REENTRY VEHICLES
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANEUVERABLE SPACECRAFT
MERCURY FLIGHTS
MERCURY PROJECT
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SATELLITES
SPACE CAPSULES
SPACE NAVIGATION
SPACE SHUTTLE BOOSTERS
∞SPACECRAFT
SPACECRAFT CABIN SIMULATORS
UNMANNED SPACECRAFT
X-20 AIRCRAFT

MANNING THEORY

RT FLUID FLOW
∞THEORIES
WALL FLOW

MANNITOL

GS ALIPHATIC COMPOUNDS
SUGARS
MANNITOL
CARBOHYDRATES
SUGARS
MANNITOL

MANOMETERS

UF MICROMANOMETERS
U TUBES
GS MEASURING INSTRUMENTS
PRESSURE GAGES
MANOMETERS
RT BAROMETERS
BLOOD PRESSURE
FLAME PROBES
PRESSURE DISTRIBUTION
PRESSURE MEASUREMENT

MANOMETERS-(CONT)
VACUUM GAGES**MANPOWER**

GS **MANPOWER**
SCIENTISTS
RT ENGINEERING MANAGEMENT
HUMAN RESOURCES
LABOR
PERSONNEL
RESEARCH MANAGEMENT
RESOURCES
RETRAINING

MANTLE (EARTH STRUCTURE)
USE EARTH MANTLE**MANUAL**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT MANUAL CONTROL
MANUALS

MANUAL CONTROL

GS **MANUAL CONTROL**
VISUAL CONTROL
RT AIRCRAFT CONTROL
ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ BUTTONS
CONSOLES
∞ CONTROL
CONTROL BOARDS
CONTROL EQUIPMENT
DIRECTIONAL CONTROL
ENGINE CONTROL
GUIDANCE (MOTION)
HANDLES
HELICOPTER CONTROL
HUMAN FACTORS ENGINEERING
KNOBS
LANDING INSTRUMENTS
LATERAL CONTROL
LEVERS
LONGITUDINAL CONTROL
∞ MANUAL
PEDALS
REENTRY GUIDANCE
REMOTE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE
SERVOCONTROL
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
SPEED CONTROL
TEMPERATURE CONTROL

MANUALS

GS DOCUMENTS
MANUALS
INSTALLATION MANUALS
USER MANUALS (COMPUTER
PROGRAMS)
RT DIRECTORIES
HANDBOOKS
MAINTENANCE
∞ MANUAL
TEXTBOOKS

MANUFACTURING

GS **MANUFACTURING**
COMPUTER AIDED MANUFACTURING
LOW GRAVITY MANUFACTURING
SPACE MANUFACTURING
RT AIRCRAFT PRODUCTION COSTS
COMMERCE
COMMODITIES
CONTAINERLESS MELTS
CONTRACT NEGOTIATION
ECONOMIC DEVELOPMENT
FABRICATION
INDUSTRIES
KRAFT PROCESS (WOODPULP)
∞ PROCESSING
PRODUCTION MANAGEMENT
PRODUCTS
SPACE INDUSTRIALIZATION
TECHNOLOGIES
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION

MANURES

GS WASTES
MANURES

MANURES-(CONT)

RT BIOMASS ENERGY PRODUCTION
METABOLIC WASTES
WASTE DISPOSAL
WASTE UTILIZATION

MANY BODY PROBLEM

UF MANY PARTICLE THEORY
RT BCS THEORY
CELESTIAL MECHANICS
ELEMENTARY EXCITATIONS
FIELD THEORY (PHYSICS)
FOUR BODY PROBLEM
GREEN'S FUNCTIONS
HARTREE APPROXIMATION
ORBITAL MECHANICS
ORBITS
PARTICLE THEORY
PERTURBATION
PERTURBATION THEORY
∞ PROBLEMS
QUANTUM STATISTICS
STATISTICAL MECHANICS
SUPERFLUIDITY
THREE BODY PROBLEM
TROIJAN ORBITS
TWO BODY PROBLEM

MANY ELECTRON EFFECTS

RT AUTOIONIZATION
ELECTRON CAPTURE
ELECTRON SCATTERING
ELECTRON STATES
ELECTRON TRANSITIONS

MANY PARTICLE THEORY

USE MANY BODY PROBLEM

MAP (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
ASSEMBLY LANGUAGE
MAP (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING

MAP MATCHING GUIDANCE

GS GUIDANCE (MOTION)
MAP MATCHING GUIDANCE
RT AIRBORNE EQUIPMENT
DISPLAY DEVICES
IMAGE CORRELATORS
RADAR MAPS
RADAR NAVIGATION
TERCOM
VIDEO LANDMARK ACQUISITION AND
TRACKING

MAPPING

SN (EXCLUDES CONFORMAL MAPPING)
UF CARTOGRAPHY
FLUX MAPPING
GS **MAPPING**
CADASTRAL MAPPING
COMPUTER AIDED MAPPING
ICE MAPPING
PHOTOMAPPING
PLANETARY MAPPING
SOIL MAPPING
THEMATIC MAPPING
THERMAL MAPPING
RT ASTROGRAPHY
BONNE PROJECTION
CONTOURS
DECLINATION
FIXED POINTS (MATHEMATICS)
FUNCTIONS (MATHEMATICS)
GEOGRAPHIC APPLICATIONS PROGRAM
GEOGRAPHY
HEAT CAPACITY MAPPING MISSION
HYPSONOGRAPHY
MAPS
MAPSAT
ORTHOPHOTOGRAPHY
PHOENIX QUADRANGLE (AZ)
PHOTOGRAMMETRY
PHOTOGRAPHY
SCALE (RATIO)
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS
TOPOGRAPHY
TOPOLOGY
TRIANGULATION

MAPS

GS **MAPS**
ASTRONOMICAL MAPS
PLANISPHERES
LUNAR MAPS
METEOROLOGICAL CHARTS
PHOTOMAPS
RADAR CLUTTER MAPS
RADAR MAPS
RELIEF MAPS
RT BONNE PROJECTION
CADASTRAL MAPPING
CHARTS
COMPUTER AIDED MAPPING
COORDINATES
DATUM (ELEVATION)
GEOGRAPHY
∞ GLOBES
HYPSONOGRAPHY
MAPPING
MERCATOR PROJECTION
NAVIGATION AIDS
PHOTOMAPPING
SOIL MAPPING
SURVEYS
THEMATIC MAPPING

MAPSAT

GS SATELLITES
ARTIFICIAL SATELLITES
MAPSAT
RT LANDSAT SATELLITES
MAPPING
REMOTE SENSING
STEREOPHOTOGRAPHY

MARAGING

GS HARDENING (MATERIALS)
PRECIPITATION HARDENING
MARAGING
HEAT TREATMENT
MARAGING

MARAGING STEELS

GS ALLOYS
HIGH STRENGTH ALLOYS
HIGH STRENGTH STEELS
MARAGING STEELS
IRON ALLOYS
STEELS
HIGH STRENGTH STEELS
MARAGING STEELS
RT MARTENSITIC STAINLESS STEELS
STAINLESS STEELS

MARANGONI CONVECTION

GS CONVECTION
MARANGONI CONVECTION
RT CONVECTIVE FLOW
FREE CONVECTION
INTERFACIAL TENSION
LOW GRAVITY MANUFACTURING
MELTS (CRYSTAL GROWTH)
REDUCED GRAVITY
SPACE PROCESSING

MARBORE 2 ENGINE

USE J-69-T-25 ENGINE

MARECS MARITIME SATELLITES

GS ESA SPACECRAFT
ESA SATELLITES
MARECS MARITIME SATELLITES
SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
MARECS MARITIME SATELLITES
ESA SATELLITES
MARECS MARITIME SATELLITES
MARITIME SATELLITES
MARECS MARITIME SATELLITES
RT EUROPEAN SPACE PROGRAMS
SATELLITE NETWORKS

MARGINS

RT BORDERS
EDGES
RIMS

MARIA

GS **MARIA**
LUNAR MARIA
LAVA
METEORITE CRATERS
TOPOGRAPHY

MARIJUANA

MARIJUANA
GS DRUGS
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
RT **MARIJUANA**
ALKALOIDS

MARINE BIOLOGY
RT ALGAE
AQUATIC PLANTS
AQUICULTURE
∞ BIOLOGY
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FISHERIES
LIMNOLOGY
OCEANOGRAPHY
∞ SCIENCE
SEA GRASSES
SEALS (ANIMALS)
SEAWEEDES
SHELLFISH
THERMAL POLLUTION
WATERFOWL
WETLANDS

MARINE CHEMISTRY
RT BIOCHEMISTRY
∞ CHEMISTRY
GEOCHEMISTRY
HYDROLOGY
LIMNOLOGY
OCEAN BOTTOM
∞ SCIENCE
SEDIMENTS

MARINE ENVIRONMENTS
GS ENVIRONMENTS
MARINE ENVIRONMENTS
RT AQUICULTURE
BEACHES
COASTAL ECOLOGY
COASTS
ENVIRONMENT EFFECTS
ICE ENVIRONMENTS
NEARSHORE WATER
OCEAN MODELS
OCEANOGRAPHY
RED TIDE
SEA BREEZE
SHELLFISH
WATERFOWL
WETLANDS

MARINE GEOLOGY
USE HYDROGEOLOGY

MARINE MAMMALS
GS ANIMALS
VERTEBRATES
MAMMALS
RT **MARINE MAMMALS**
DOLPHINS
PORPOISES
SEALS (ANIMALS)
WHALES

MARINE METEOROLOGY
GS METEOROLOGY
HYDROMETEOROLOGY
MARINE METEOROLOGY
RT FRONTS (METEOROLOGY)
OCEANOGRAPHY
∞ SCIENCE
TYPHOONS
WIND (METEOROLOGY)

MARINE NAVIGATION
USE SURFACE NAVIGATION

MARINE PROPULSION
GS PROPULSION
MARINE PROPULSION
UNDERWATER PROPULSION
SUBMARINE PROPULSION
RT CHEMICAL PROPULSION
ELECTRIC PROPULSION
JET PROPULSION
NUCLEAR ELECTRIC PROPULSION
NUCLEAR PROPULSION
PROPELLER DRIVE
SAVANNAH NUCLEAR SHIP

MARINE RESOURCES
GS RESOURCES
EARTH RESOURCES
MARINE RESOURCES
RT AQUICULTURE
COASTAL ECOLOGY
FISHERIES
OCEANOGRAPHY
OCEANS
SEA WATER
SHELLFISH
UNDERWATER RESOURCES
WATER POLLUTION
WETLANDS

MARINE RUDDERS
GS CONTROL SURFACES
RUDDERS
RT **MARINE RUDDERS**
AERIAL RUDDERS
HYDROFOILS
TAIL ASSEMBLIES
MARINE TECHNOLOGY
GS TECHNOLOGIES
MARINE TECHNOLOGY
RT AQUICULTURE
ARTIFICIAL HARBORS
DEEPWATER TERMINALS
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE ENERGY SOURCES
OFFSHORE PLATFORMS
TANKER TERMINALS
WHARVES

MARINE TRANSPORTATION
GS TRANSPORTATION
MARINE TRANSPORTATION
RT AIR TRANSPORTATION
DEEPWATER TERMINALS
HARBORS
OFFSHORE DOCKING
RAIL TRANSPORTATION
SHIPS
TANKER SHIPS
WATER VEHICLES

MARINER C SPACECRAFT
GS INTERPLANETARY SPACECRAFT
MARINER SPACECRAFT
MARINER C SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACECRAFT
MARINER C SPACECRAFT

MARINER JUPITER-SATURN FLYBY
GS FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
RT INTERPLANETARY FLIGHT
∞ MISSIONS
SPACE FLIGHT
SPACE MISSIONS

MARINER JUPITER-URANUS FLYBY
GS FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-URANUS FLYBY
RT INTERPLANETARY FLIGHT
∞ MISSIONS
SPACE FLIGHT
SPACE MISSIONS

MARINER MARK 2 SPACECRAFT
RT FLYBY MISSIONS
INTERPLANETARY FLIGHT
∞ SPACECRAFT

MARINER PROGRAM
GS PROGRAMS
NASA PROGRAMS
MARINER PROGRAM
NASA SPACE PROGRAMS
MARINER PROGRAM
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS AGENA LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
CENTAUR PROJECT
FLYBY MISSIONS
MARS PROBES
SPACE PROBES
UNMANNED SPACECRAFT

NASA THESAURUS (VOLUME 1)

MARINER PROGRAM-(CONT)
VENUS PROBES

MARINER R 2 SPACE PROBE
GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE

MARINER SPACE PROBES
GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER VENUS-MERCURY 1973
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER VENUS-MERCURY 1973
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER-MERCURY 1973

MARINER SPACECRAFT
GS INTERPLANETARY SPACECRAFT
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT

MARINER VENUS 67 SPACECRAFT
GS INTERPLANETARY SPACECRAFT
MARINER SPACECRAFT
MARINER VENUS 67 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACECRAFT
MARINER VENUS 67 SPACECRAFT
RT VENUS PROBES

MARINER VENUS-MERCURY 1973
GS FLYBY MISSIONS
MARINER VENUS-MERCURY 1973
INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER VENUS-MERCURY 1973
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER VENUS-MERCURY 1973
RT MARINER-MERCURY 1973

MARINER 1 SPACE PROBE
GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 1 SPACE PROBE
VENUS PROBES
MARINER 1 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 1 SPACE PROBE
VENUS PROBES
MARINER 1 SPACE PROBE

MARINER 2 SPACE PROBE
GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES

MARINER 2 SPACE PROBE-(CONT)

MARINER 2 SPACE PROBE
VENUS PROBES
MARINER 2 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 2 SPACE PROBE
VENUS PROBES
MARINER 2 SPACE PROBE
ATLAS AGENA B LAUNCH VEHICLE

MARINER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 3 SPACE PROBE
MARS PROBES
MARINER 3 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 3 SPACE PROBE
MARS PROBES
MARINER 3 SPACE PROBE

MARINER 4 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 4 SPACE PROBE
MARS PROBES
MARINER 4 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 4 SPACE PROBE
MARS PROBES
MARINER 4 SPACE PROBE

MARINER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 5 SPACE PROBE
VENUS PROBES
MARINER 5 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 5 SPACE PROBE
VENUS PROBES
MARINER 5 SPACE PROBE
ATLAS AGENA LAUNCH VEHICLES

MARINER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 6 SPACE PROBE
MARS PROBES
MARINER 6 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 6 SPACE PROBE
MARS PROBES
MARINER 6 SPACE PROBE
ATLAS AGENA LAUNCH VEHICLES
MARS 69 PROJECT

MARINER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 7 SPACE PROBE
MARS PROBES
MARINER 7 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 7 SPACE PROBE
MARS PROBES
MARINER 7 SPACE PROBE
MARS 69 PROJECT

MARINER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 8 SPACE PROBE
MARS PROBES
MARINER 8 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 8 SPACE PROBE
MARS PROBES
MARINER 8 SPACE PROBE
MARS 71 PROJECT

MARINER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 9 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 9 SPACE PROBE

MARINER 10 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 10 SPACE PROBE
MARS PROBES
MARINER 10 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 10 SPACE PROBE
MARS PROBES
MARINER 10 SPACE PROBE

MARINER 11 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
MARINER SPACE PROBES
MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER 11 SPACE PROBE

MARINER-MERCURY 1973

GS FLYBY MISSIONS
MARINER-MERCURY 1973
UNMANNED SPACECRAFT
SPACE PROBES
MARINER SPACE PROBES
MARINER-MERCURY 1973
MARINER VENUS-MERCURY 1973

MARISAT SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
MARISAT SATELLITES
MARISAT 1 SATELLITE
RT COMMUNICATION
FLEET SATELLITE COMMUNICATION
SYSTEM
MAROTS (ESA)
RADIO COMMUNICATION

MARISAT 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
MARISAT SATELLITES
MARISAT 1 SATELLITE
RT RADIO COMMUNICATION

MARITIME COMMUNICATION SATELLITE (ESA)

USE MAROTS (ESA)

MARITIME ORBITAL TEST SATELLITE

USE MAROTS (ESA)

MARITIME SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
MARITIME SATELLITES
ERS-1 (ESA SATELLITE)
MARECS MARITIME SATELLITES
MAROTS (ESA)
RT MSAT
NATIONAL OCEANIC SATELLITE SYSTEM
TOPEX

MARK 1 REENTRY BODY

GS REENTRY VEHICLES
MARK 1 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

MARK 1 SPACECRAFT

RT SATELLITES
∞ SPACECRAFT

MARK 2 REENTRY BODY

GS REENTRY VEHICLES
MARK 2 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

MARK 3 REENTRY BODY

GS REENTRY VEHICLES
MARK 3 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

MARK 4 REENTRY BODY

GS REENTRY VEHICLES
MARK 4 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 5 REENTRY BODY

GS REENTRY VEHICLES
MARK 5 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 6 REENTRY BODY

GS REENTRY VEHICLES
MARK 6 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 11 REENTRY BODY

GS REENTRY VEHICLES
MARK 11 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 12 REENTRY BODY

GS REENTRY VEHICLES
MARK 12 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 17 REENTRY BODY

GS REENTRY VEHICLES
MARK 17 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

∞ MARKERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERM
LISTED BELOW)
RT BEACONS
BUOYS
CRAYONS
DYES
RADIO BEACONS
RUNWAY LIGHTS
SMOKE

MARKET RESEARCH

GS RESEARCH
MARKET RESEARCH
RT COMMERCE
COMMODITIES
CONSUMERS
MARKETING
PRODUCT DEVELOPMENT

MARKETING

RT COMMERCE
CONSUMERS
FINANCE
INDUSTRIAL AREAS
MANAGEMENT
MARKET RESEARCH
PRODUCT DEVELOPMENT
SUPPLYING

MARKING

UF LABELING (MARKING)
TAGGING
GS MARKING
ISOTOPIC LABELING
RT DETECTION
IDENTIFYING
MATERIALS HANDLING
PACKAGING
STAINING
∞ TRACERS

MARKOV CHAINS

GS STOCHASTIC PROCESSES
MARKOV CHAINS
RT MONTE CARLO METHOD
RANDOM WALK

MARKOV PROCESSES

GS STOCHASTIC PROCESSES
MARKOV PROCESSES
RT RANDOM PROCESSES

MAROTS (ESA)

MAROTS (ESA)

UF MARITIME COMMUNICATION SATELLITE (ESA)
GS MARITIME ORBITAL TEST SATELLITE
ESA SPACECRAFT
ESA SATELLITES
MAROTS (ESA)
SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
MAROTS (ESA)
ESA SATELLITES
MAROTS (ESA)
MARITIME SATELLITES
MAROTS (ESA)
RT EUROPEAN SPACE AGENCY
MARISAT SATELLITES
RANGEFINDING
RESCUE OPERATIONS
SHIP TERMINALS

MARQUARDT R4D ENGINE

GS ENGINES
MARQUARDT R4D ENGINE
RT APOLLO PROJECT
AUXILIARY PROPULSION
COMMAND MODULES
∞ REACTION CONTROL
SATELLITE ATTITUDE CONTROL
SPACECRAFT CONTROL

MARROW

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
MARROW
CONNECTIVE TISSUE
MARROW

∞ MARS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT MARS (MANNED REUSABLE SPACECRAFT)
MARS (PLANET)
NAVIGATION AIDS
TRACKING STATIONS

MARS (MANNED REUSABLE SPACECRAFT)

SN (NOT RESTRICTED ONLY TO SPACECRAFT FOR FLIGHT TO PLANET MARS)
UF MANNED AERODYNAMIC REUSABLE SPACESHIP
GS MANNED SPACECRAFT
MARS (MANNED REUSABLE SPACECRAFT)
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
MARS (MANNED REUSABLE SPACECRAFT)
RT FERRY SPACECRAFT
MANEUVERABLE SPACECRAFT
∞ MARS

MARS (PLANET)

GS CELESTIAL BODIES
PLANETS
TERRESTRIAL PLANETS
MARS (PLANET)
RT AMOR ASTEROID
APOLLO ASTEROIDS
DEIMOS
DUST STORMS
∞ MARS
MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MARS VOLCANOES
PHOBOS
PLANETARY CRATERS
POLAR CAPS

MARS ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES
MARS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
MARS (PLANET)

MARS ATMOSPHERE-(CONT)

MARS VOLCANOES

MARS CRATERS

GS CRATERS
PLANETARY CRATERS
MARS CRATERS
RT CRATERING
EJECTA
IMPACT DAMAGE
METEORITE CRATERS
METEORITIC DAMAGE

MARS ENVIRONMENT

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
RT DUST STORMS
MARS (PLANET)
MARS VOLCANOES

MARS EXCURSION MODULE

UF MEM (EXCURSION MODULE)
GS MODULES
SPACECRAFT MODULES
LANDING MODULES
MARS EXCURSION MODULE
SOFT LANDING SPACECRAFT
LANDING MODULES
MARS EXCURSION MODULE

MARS LANDING

GS LANDING
SPACECRAFT LANDING
MARS LANDING
RT AEPS
PLANETARY LANDING
SOFT LANDING
VIKING 75 ENTRY VEHICLE

MARS PHOTOGRAPHS

GS PHOTOGRAPHS
MARS PHOTOGRAPHS
RT PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY

MARS PROBES

GS INTERPLANETARY SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 10 SPACE PROBE
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING SPACECRAFT
VIKING 1 SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING 2 SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 2
VIKING 75 ENTRY VEHICLE
ZOND 2 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
ADVANCED RECONN ELECTRIC SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 10 SPACE PROBE
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT

NASA THESAURUS (VOLUME 1)

MARS PROBES-(CONT)

MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING ORBITER 1975
ZOND 2 SPACE PROBE
RT MARINER PROGRAM
OUTER PLANETS EXPLORERS
VENUS PROBES
VOYAGER PROJECT
ZOND SPACE PROBES

MARS SURFACE

GS PLANETARY SURFACES
MARS SURFACE
RT CANALS
DUST STORMS
MARS (PLANET)
MARS VOLCANOES
METEORITE CRATERS
PLANETARY CRATERS
∞ SURFACES
TOPOGRAPHY

MARS SURFACE SAMPLES

GS SAMPLES
MARS SURFACE SAMPLES
RT ASSAYING
CHEMICAL ANALYSIS
SPECIMENS
∞ SURFACES
VIKING LANDER 1
VIKING LANDER 2

MARS VOLCANOES

GS GEOLOGY
VOLCANOES
MARS VOLCANOES
LANDFORMS
VOLCANOES
MARS VOLCANOES
PLANETARY GEOLOGY
MARS VOLCANOES
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
LAVA
MARS (PLANET)
MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

MARS 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 1 SPACECRAFT
SOVIET SPACECRAFT
MARS 1 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 1 SPACECRAFT

MARS 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 2 SPACECRAFT
SOVIET SPACECRAFT
MARS 2 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 2 SPACECRAFT
RT U.S.S.R. SPACE PROGRAM

MARS 3 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 3 SPACECRAFT
SOVIET SPACECRAFT
MARS 3 SPACECRAFT
SPACECRAFT DESIGN
MARS 3 SPACECRAFT
SPACECRAFT STRUCTURES
MARS 3 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES

MARS 3 SPACECRAFT-(CONT)

MARS 3 SPACECRAFT
RT SPACECRAFT DESIGN
SPACECRAFT STRUCTURES
U S S R SPACE PROGRAM

MARS 4 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 4 SPACECRAFT
SOVIET SPACECRAFT
MARS 4 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 4 SPACECRAFT
RT U S S R SPACE PROGRAM

MARS 5 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 5 SPACECRAFT
SOVIET SPACECRAFT
MARS 5 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 5 SPACECRAFT
RT U S S R SPACE PROGRAM

MARS 6 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 6 SPACECRAFT
SOVIET SPACECRAFT
MARS 6 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 6 SPACECRAFT
RT U S S R SPACE PROGRAM

MARS 7 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
MARS 7 SPACECRAFT
SOVIET SPACECRAFT
MARS 7 SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
MARS PROBES
MARS 7 SPACECRAFT
RT U S S R SPACE PROGRAM

MARS 69 PROJECT

GS PROGRAMS
NASA PROGRAMS
MARS 69 PROJECT
NASA SPACE PROGRAMS
MARS 69 PROJECT
PROJECTS
MARS 69 PROJECT
RT MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
SPACE EXPLORATION

MARS 71 PROJECT

GS PROGRAMS
NASA PROGRAMS
MARS 71 PROJECT
NASA SPACE PROGRAMS
MARS 71 PROJECT
PROJECTS
MARS 71 PROJECT
RT MARINER 8 SPACE PROBE
SPACE EXPLORATION

MARSHES

USE MARSHLANDS

MARSHLANDS

UF BOGS
COASTAL MARSHLANDS
MARSHES
SWAMPS
GS LAND
MARSHLANDS
RT BAYOUS
EARTH RESOURCES
EARTH SURFACE
FLATS (LANDFORMS)
MUSKEGS
OCEANOGRAPHY
TIDAL FLATS
WATERFOWL

MARSHLANDS-(CONT)

WETLANDS

MARTENSITE

RT AUSTENITE
HARDENING (MATERIALS)
HEAT TREATMENT
IRON ALLOYS
MARTENSITIC STAINLESS STEELS
MICROSTRUCTURE
PHASE TRANSFORMATIONS
STEELS

MARTENSITIC STAINLESS STEELS

GS ALLOYS
IRON ALLOYS
STEELS
STAINLESS STEELS
MARTENSITIC STAINLESS STEELS
RT AUSTENITIC STAINLESS STEELS
MARAGING STEELS
MARTENSITE

MARTENSITIC TRANSFORMATION

GS PHASE TRANSFORMATIONS
MARTENSITIC TRANSFORMATION
RT AUSTENITE

MARTIN AIRCRAFT

GS **MARTIN AIRCRAFT**
B-26 AIRCRAFT
B-57 AIRCRAFT
RT ∞ AIRCRAFT

MARTINGALES

RT DECISION THEORY
GAME THEORY
 ∞ MATHEMATICS
PROBABILITY THEORY
STOCHASTIC PROCESSES

MARTINIQUE

GS LANDFORMS
ISLANDS
WEST INDIES
MARTINIQUE
NATIONS
FRANCE
MARTINIQUE
RT CARIBBEAN REGION

MARVS (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
MACHINE ORIENTED LANGUAGES
MARVS (PROGRAMMING LANGUAGE)

MARYLAND

GS NATIONS
UNITED STATES
MARYLAND
RT ALLEGHENY PLATEAU (US)
ASSATEAGUE ISLAND (MD-VA)
CHESAPEAKE BAY (US)
DELMARVA PENINSULA (DE-MD-VA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)

MASCONS

GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
MASCONS
RT CENTER OF MASS
GRAVITY ANOMALIES
MASS
WEIGHT (MASS)

MASER OUTPUTS

GS OUTPUT
MASER OUTPUTS
RT ∞ COHERENCE
LASER OUTPUTS
PULSE DURATION
RADIANT FLUX DENSITY
WATER MASERS
WAVELENGTHS

MASER RESONATORS

USE MASERS

MASERS

UF MASER RESONATORS
PARAMAGNETIC AMPLIFIERS
RASERS
GS STIMULATED EMISSION DEVICES
MASERS
GAS MASERS
HYDROGEN MASERS
INTERSTELLAR MASERS
PROTON MASERS
TRAVELING WAVE MASERS
WATER MASERS
RT AMPLIFIERS
ATOMIC CLOCKS
COHERENT ELECTROMAGNETIC
RADIATION
CROSS RELAXATION
FREQUENCY STANDARDS
KRYPTON FLUORIDE LASERS
LASERS
MICROWAVE AMPLIFIERS
MOLECULAR OSCILLATORS
RESONATORS
STIMULATED EMISSION
TRANSIENT OSCILLATIONS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

MASKING

GS **MASKING**
TARGET MASKING
RT AUDIOMETRY
CHEMISORPTION
COVERINGS
PHOTOMASKS

MASKS

GS **MASKS**
OXYGEN MASKS
RT CHEMICAL DEFENSE
PROTECTIVE CLOTHING

MASONITE (TRADEMARK)

RT CELLULOSE
 ∞ CONSTRUCTION MATERIALS
TREES (PLANTS)
WOOD

MASONRY

GS **MASONRY**
BRICKS
CEMENTS
CERAMICS
CLAYS
CONCRETES
CONSTRUCTION
 ∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
STRUCTURAL MEMBERS
TILES
VENEERS

MASS

UF LOW MASS
GS **MASS**
CENTER OF MASS
CRITICAL MASS
MISSING MASS (ASTROPHYSICS)
PARTICLE MASS
ELECTRON MASS
PLANETARY MASS
STELLAR MASS
SUBCRITICAL MASS
RT CENTER OF GRAVITY
DE BROGLIE WAVELENGTHS
INERTIA
MASCONS
MASS TO LIGHT RATIOS
MOMENTS OF INERTIA
RELATIVISTIC EFFECTS
WEIGHT (MASS)

 ∞ **MASS BALANCE**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
VARIABLE MASS SYSTEMS

MASS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
MASS DISTRIBUTION
RT AERODYNAMIC BALANCE

MASS DRIVERS (PAYLOAD DELIVERY)

MASS DISTRIBUTION-(CONT)

AERODYNAMIC STABILITY
ANGULAR DISTRIBUTION
BALANCE
BALLAST (MASS)
CHARGE DISTRIBUTION
COSMOLOGY
COUNTERBALANCES
DENSITY WAVE MODEL
∞ DISTRIBUTION
FLUX DENSITY
FORCE DISTRIBUTION
INTERGALACTIC MEDIA
INTERPLANETARY MEDIUM
INTERSTELLAR MATTER
LOADING MOMENTS
LOADS (FORCES)
∞ MASS BALANCE
MASS TO LIGHT RATIOS
METEOROID CONCENTRATION
MISSING MASS (ASTROPHYSICS)
MOMENT DISTRIBUTION
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
SIZE DISTRIBUTION
STAR DISTRIBUTION
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
VARIABLE MASS SYSTEMS

MASS DRIVERS (PAYLOAD DELIVERY)

GS PROPULSION
SPACECRAFT PROPULSION
ELECTROMAGNETIC PROPULSION
MASS DRIVERS (PAYLOAD DELIVERY)
RT MAGNETIC LEVITATION VEHICLES
MOON-EARTH TRAJECTORIES
REMOTE MANIPULATOR SYSTEM

MASS FILTERS

USE FLUID FILTERS

MASS FLOW

GS FLUID FLOW
MASS FLOW
RT CROCCO-LEE THEORY
∞ FLOW
FLOW THEORY
GAS FLOW
KELVIN-HELMHOLTZ INSTABILITY
KINETIC THEORY
LAMINAR FLOW
LEWIS NUMBERS
LIQUID FLOW
MOLECULAR INTERACTIONS
MULTIPHASE FLOW
PIPE FLOW
SEDIMENT TRANSPORT
SINGLE-PHASE FLOW
SLIDING
SLUMPING
SOLIDS FLOW
STEADY FLOW
STEAM FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

MASS FLOW FACTORS

RT DISCHARGE COEFFICIENT
FLOW COEFFICIENTS
HEAT TRANSFER COEFFICIENTS
HEAT TRANSMISSION
NOZZLE GEOMETRY

MASS FLOW RATE

GS RATES (PER TIME)
MASS FLOW RATE
RT CONVECTIVE FLOW
DIFFUSION COEFFICIENT
FLOW VELOCITY
PNEUMATIC PROBES
SPECIFIC IMPULSE
TRANSIENT PRESSURES

MASS RATIOS

GS RATIOS
MASS RATIOS
MASS TO LIGHT RATIOS
PAYLOAD MASS RATIO
PROPELLANT MASS RATIO
RT METALLICITY
PRESSURE RATIO
STRUCTURAL WEIGHT

MASS RATIOS-(CONT)

THRUST-WEIGHT RATIO

MASS SPECTRA

GS SPECTRA
MASS SPECTRA
RT ENERGY SPECTRA
MOLECULAR SPECTRA
RADIATION SPECTRA

MASS SPECTROMETERS

UF ION SPECTROMETERS
RETARDING ION MASS
SPECTROMETERS
GS MEASURING INSTRUMENTS
SPECTROMETERS
MASS SPECTROMETERS
RT CHEMICAL ANALYSIS
GAS ANALYSIS
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
QUALITATIVE ANALYSIS

MASS SPECTROMETRY

USE MASS SPECTROSCOPY

MASS SPECTROSCOPY

UF MASS SPECTROMETRY
SPECTROSCOPY
GS SPECTROSCOPY
MASS SPECTROSCOPY
RT CHEMICAL ANALYSIS
GAS SPECTROSCOPY
MAGNETIC SPECTROSCOPY
NUCLEAR RADIATION SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

MASS TO LIGHT RATIOS

GS RATIOS
MASS RATIOS
MASS TO LIGHT RATIOS
RT ASTRONOMY
ASTROPHYSICS
GALACTIC RADIATION
INDEXES (RATIOS)
LUMINOSITY
LUMINOUS INTENSITY
MASS
MASS DISTRIBUTION
MISSING MASS (ASTROPHYSICS)
RADIANT FLUX DENSITY
STELLAR LUMINOSITY
STELLAR MASS

MASS TRANSFER

RT ABLATION
CHARGE TRANSFER
CONVECTIVE FLOW
CONVECTIVE HEAT TRANSFER
ENERGY TRANSFER
GAS TRANSPORT
GAS-LIQUID INTERACTIONS
HEAT TRANSFER
LEWIS NUMBERS
POROUS BOUNDARY LAYER CONTROL
SEDIMENT TRANSPORT
TRANSFERRING
TRANSPIRATION

MASSACHUSETTS

GS NATIONS
UNITED STATES
MASSACHUSETTS

MASSAGING

GS THERAPY
MASSAGING
RT FATIGUE (BIOLOGY)
RELAXATION (PHYSIOLOGY)

MASSIFS

GS LANDFORMS
MASSIFS
RT EARTH CRUST
∞ FAULTS
GEOLOGICAL FAULTS
GEOLOGY
MOUNTAINS

MAST SHOCK TUBES

USE MAGNETIC ANNULAR SHOCK TUBES

MASTICATION

UF CHEWING

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MASTICATION-(CONT)

RT DIGESTING
EATING
TEETH

MASTOIDS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
MASTOIDS
SENSE ORGANS
EAR
MASTOIDS

MATCHED FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
MATCHED FILTERS
RT COMMUNICATION EQUIPMENT
DEMODULATORS
∞ FILTERS
MODULATORS
SIGNAL TO NOISE RATIOS

MATCHING

RT ADJUSTING
COMPARISON
FITTING
HOMOLOGY
IMAGE RESOLUTION
IMPEDANCE MATCHING
MISMATCH (ELECTRICAL)
PATTERN REGISTRATION

MATERIAL ABSORPTION

RT ABSORBENTS
ABSORBERS (EQUIPMENT)
∞ ABSORPTION
ASSIMILATION
EXTRACTION
HYGROSCOPICITY
RADIATION ABSORPTION
SORPTION
WATER TREATMENT

MATERIAL BALANCE

GS MATERIAL BALANCE
WATER BALANCE
RT BALANCE
HEAT BALANCE
∞ MASS BALANCE
STOICHIOMETRY

MATERIAL REMOVAL (MACHINING)

USE MACHINING

∞ MATERIALS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF SUBSTANCES
RT ABLATIVE MATERIALS
ABSORBENTS
ABSORBERS (MATERIALS)
ACCEPTOR MATERIALS
AGING (MATERIALS)
AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
AMORPHOUS MATERIALS
ANISOTROPIC MEDIA
BINARY SYSTEMS (MATERIALS)
BINDERS (MATERIALS)
BITUMENS
BORON REINFORCED MATERIALS
BORSIC (TRADENAME)
BRITTLE MATERIALS
CARBONACEOUS MATERIALS
COMPOSITE MATERIALS
CONCRETE STRUCTURES
∞ CONSTRUCTION MATERIALS
CONTAMINANTS
CORK (MATERIALS)
CURL (MATERIALS)
DISLOCATIONS (MATERIALS)
DONOR MATERIALS
DREDGED MATERIALS
ELECTRIC FURNACES
ELECTRONS
EPOXY MATRIX COMPOSITES
FATIGUE (MATERIALS)
FERRIMAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
FISSIONABLE MATERIALS
FOAMS
FOILS (MATERIALS)
FRACTURES (MATERIALS)

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MATERIALS-(CONT)

GLASS
GLASSY CARBON
GRANULAR MATERIALS
GRAPHITE EPOXY COMPOSITES
HOLES (ELECTRON DEFICIENCIES)
∞ INORGANIC MATERIALS
INSULATION
LAMINATES
LASER MATERIALS
LOSSLESS MATERIALS
LOW DENSITY MATERIALS
MAGNETIC MATERIALS
MATERIALS HANDLING
MATERIALS RECOVERY
∞ MATERIALS SCIENCE
∞ MATERIALS TESTS
MATRIX MATERIALS
MECHANICAL PROPERTIES
METAL MATRIX COMPOSITES
MOLDING MATERIALS
NONFLAMMABLE MATERIALS
ORGANIC MATERIALS
PAPER (MATERIAL)
PHASE CHANGE MATERIALS
PHOTOELASTIC MATERIALS
PHOTOELECTRIC MATERIALS
POLYMER MATRIX COMPOSITES
POROUS MATERIALS
PYROLYTIC MATERIALS
PYROPHORIC MATERIALS
RADIOACTIVE MATERIALS
RADOME MATERIALS
REACTOR MATERIALS
REFRACTORY MATERIALS
REINFORCING MATERIALS
RESERVES
RESOURCES
SELF LUBRICATING MATERIALS
SEMICONDUCTORS (MATERIALS)
SIZING MATERIALS
SOLIDS
SPACECRAFT CONSTRUCTION
MATERIALS
SPONGES (MATERIALS)
STRATEGIC MATERIALS
SUPERHYBRID MATERIALS
THERMOCHROMATIC MATERIALS
THERMOELECTRIC MATERIALS
THICKENERS (MATERIALS)
THREE DIMENSIONAL COMPOSITES
VITREOUS MATERIALS
VYCOR

MATERIALS HANDLING

GS MATERIALS HANDLING
GROUND HANDLING
PROPELLANT TRANSFER
REMOTE HANDLING
RT AIRFIELD SURFACE MOVEMENTS
∞ AUTOMATION
BLOWERS
CANALS
CARGO
CARGO AIRCRAFT
CARTS
CHEMICAL ENGINEERING
CHUTES
∞ CONTAINERS
CONTINGENCY
CONVEYORS
CRANES
DELIVERY
DISPENSERS
DISPOSAL
DISTRIBUTING
∞ DISTRIBUTION
DISTRIBUTORS
DOLLIES
DUMPING
EJECTION
EJECTORS
EMPTYING
ENCAPSULATING
EXCAVATION
FEEDERS
FEEDING (SUPPLYING)
FLUID FLOW
FUEL PUMPS
HAULING
HEAVY LIFT AIRSHIPS
HOPPERS
LOADING OPERATIONS
LUNAR LOGISTICS
MARKING
∞ MATERIALS

MATERIALS HANDLING-(CONT)

MECHANICAL ENGINEERING
MINES (EXCAVATIONS)
MOORING
PACKAGING
PIPELINES
∞ PUMPING
PUMPS
RAILROAD HUMPING TESTS
RELEASING
RIGGING
SERVICES
SIPHONS
SPRAYERS
SPREADING
STACKS
∞ STORAGE
TANKS (CONTAINERS)
TRACTORS
TRANSFERRING
TRANSPORTATION
TRUCKS
UNLOADING
VACUUM PUMPS
WASTE DISPOSAL
WHARVES

MATERIALS RECOVERY

SN (TREATMENT OF A MATERIAL TO RECLAIM ONE OR MORE OF ITS COMPONENTS)
GS RECLAMATION
MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
SOLVOLYSIS
WATER RECLAMATION
RT ∞ ABSORPTION
BY-PRODUCTS
CENTRIFUGING
CRYSTALLIZATION
DISPOSAL
DISTILLATION
EXTRACTION
FILTRATION
∞ MATERIALS
∞ PRECIPITATION
PRECIPITATION (CHEMISTRY)
∞ PROCESSING
∞ RECOVERY
RECYCLING
REFINING
REMOVAL
∞ SEPARATION

∞ MATERIALS SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CERAMICS
LASER CUTTING
∞ MATERIALS
METAL FOAMS
PLASTICS
∞ PROPERTIES
∞ SCIENCE

MATERIALS TESTING REACTORS

USE NUCLEAR RESEARCH AND TEST REACTORS

∞ MATERIALS TESTS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERM LISTED BELOW)
RT BEND TESTS
BURST TESTS
CHARPY IMPACT TEST
CHEMICAL ANALYSIS
COMPRESSION TESTS
CORROSION TESTS
DESTRUCTIVE TESTS
ELECTROPHOTOMETRY
ENVIRONMENTAL TESTS
FATIGUE TESTS
FUEL TESTS
GAS ANALYSIS
HARDNESS TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
LUBRICANT TESTS
MAGNETIC MEASUREMENT
∞ MATERIALS
MECHANICAL PROPERTIES
METALLOGRAPHY
MICROANALYSIS

MATHEMATICAL MODELS

MATERIALS TESTS-(CONT)

NEUTRON RADIOGRAPHY
NONDESTRUCTIVE TESTS
PROPELLANT TESTS
QUALITY
QUALITY CONTROL
RADIOGRAPHY
SPECIFICATIONS
STATIC TESTS
∞ TESTS
ULTRASONIC TESTS
WEAR TESTS
X RAY ANALYSIS
X RAY SPECTROSCOPY

MATHEMATICAL ANALYSIS

USE APPLICATIONS OF MATHEMATICS

MATHEMATICAL LOGIC

GS MATHEMATICAL LOGIC
ALGORITHMS
PARSING ALGORITHMS
SIMPLEX METHOD
AXIOMS
FORMULAS (MATHEMATICS)
BETHE-HEITLER FORMULA
LATTICES (MATHEMATICS)
BOOLEAN ALGEBRA
BOOLEAN FUNCTIONS
SET THEORY
BOREL SETS
EQUIVALENCE
THRESHOLD LOGIC
RT BRANCHING (MATHEMATICS)
FUNCTIONS (MATHEMATICS)
HYPOTHESES
INDUCTION (MATHEMATICS)
INSTRUCTION SETS (COMPUTERS)
∞ LOGIC
PHILOSOPHY
PROVING
THEOREMS
TURING MACHINES
VENN DIAGRAMS

MATHEMATICAL MODELS

UF ISING MODEL
GS MODELS
MATHEMATICAL MODELS
ANALOG SIMULATION
BIOLOGICAL MODELS (MATHEMATICS)
DIGITAL SIMULATION
THOMAS-FERMI MODEL
VENEZIANO MODEL
RT AIRCRAFT MODELS
∞ APPLICATIONS OF MATHEMATICS
ASTRONOMICAL MODELS
ASYMPTOTIC PROPERTIES
ATMOSPHERIC MODELS
BOND GRAPHS
BROKEN SYMMETRY
CHAOS
COMPUTATIONAL ASTROPHYSICS
COMPUTATIONAL GRIDS
COMPUTER SYSTEMS SIMULATION
COMPUTERIZED SIMULATION
CONTINUUM MODELING
CONTROL SYSTEMS DESIGN
DECISION THEORY
DYNAMIC MODELS
DYNAMIC PROGRAMMING
DYNAMICAL SYSTEMS
EXHAUST FLOW SIMULATION
EXPERIMENT DESIGN
FACTORIAL DESIGN
FLOW CHARTS
FOOTPRINTS
FORECASTING
FUNCTIONS (MATHEMATICS)
GAME THEORY
GOODNESS OF FIT
GRAPH THEORY
INELASTIC STRESS
INVENTORY CONTROLS
LIKELIHOOD RATIO
LINEAR PREDICTION
LOFTING
LUMPED PARAMETER SYSTEMS
METHOD OF MOMENTS
∞ MISSILE SIMULATORS
MONTE CARLO METHOD
NUMERICAL WEATHER FORECASTING
OCEAN MODELS
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)

MATHEMATICAL PROGRAMMING

MATHEMATICAL MODELS-(CONT)

PARAMETER IDENTIFICATION
PARAMETERIZATION
QUANTILES
QUEUEING THEORY
REGRESSION COEFFICIENTS
RISK
ROBUSTNESS (MATHEMATICS)
SCHEDULING
SIMILARITY THEOREM
SIMULATION
SPACECRAFT MODELS
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS SIMULATION
TRAJECTORY ANALYSIS
TWO DIMENSIONAL BODIES
VALIDITY
WAR GAMES

MATHEMATICAL PROGRAMMING

GS OPERATIONS RESEARCH
MATHEMATICAL PROGRAMMING
LINEAR PROGRAMMING
NONLINEAR PROGRAMMING
QUADRATIC PROGRAMMING
RESEARCH
MATHEMATICAL PROGRAMMING
DYNAMIC PROGRAMMING
LINEAR PROGRAMMING
NONLINEAR PROGRAMMING
QUADRATIC PROGRAMMING
RT COMPUTER PROGRAMMING
GAME THEORY
OPTIMIZATION
∞ PROGRAMMING
SIMPLEX METHOD

MATHEMATICAL TABLES

GS TABLES (DATA)
MATHEMATICAL TABLES
RT INFORMATION
NUMERICAL ANALYSIS
RANDOM NUMBERS

∞ MATHEMATICS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ALGEBRA
ANALYSIS (MATHEMATICS)
AXIOMS
BOND GRAPHS
CALCULUS
CURRENT ALGEBRA
DUALITY THEOREM
FORMULAS (MATHEMATICS)
FRACTALS
FUNCTIONS (MATHEMATICS)
GEOMETRY
INEQUALITIES
INFORMATION THEORY
INTEGRALS
LATIN SQUARE METHOD
LATTICES (MATHEMATICS)
MARTINGALES
MORPHOLOGY
NUMBER THEORY
NUMERICAL ANALYSIS
PRIMITIVE EQUATIONS
∞ PRINCIPLES
PROBABILITY THEORY
RINGS (MATHEMATICS)
∞ SCIENCE
SERIES EXPANSION
STARS (MATHEMATICS)
STATISTICAL ANALYSIS
SUPERPOSITION (MATHEMATICS)
SYMBOLS
THEOREMS

MATHIEU EQUATION

USE MATHIEU FUNCTION

MATHIEU FUNCTION

UF MATHIEU EQUATION
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
MATHIEU FUNCTION
FUNCTIONS (MATHEMATICS)
MATHIEU FUNCTION
RT BOUNDARY VALUE PROBLEMS

MATHIEU FUNCTION-(CONT)

DIFFERENTIAL EQUATIONS
EIGENVECTORS
∞ EQUATIONS
HILL DETERMINANT
ORTHOGONAL FUNCTIONS

MATRA MISSILE

GS MISSILES
AIR TO AIR MISSILES
MATRA MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

∞ MATRICES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
EUTECTIC COMPOSITES
∞ GRIDS
∞ IMBEDDINGS
LATTICES (MATHEMATICS)
MATRICES (CIRCUITS)
MATRICES (MATHEMATICS)
METAL MATRIX COMPOSITES
MONOTECTIC ALLOYS
POLYMER MATRIX COMPOSITES

MATRICES (CIRCUITS)

GS CIRCUITS
MATRICES (CIRCUITS)
RT LOGIC CIRCUITS
∞ MATRICES
SWITCHING CIRCUITS

MATRICES (MATHEMATICS)

UF DIFFERENTIAL ALGEBRA
MATRIX ANALYSIS
GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
ADJOINTS
CANONICAL FORMS
EIGENVALUES
EIGENVECTORS
JORDAN FORM
STIFFNESS MATRIX
RT ARRAYS
CHIRAL DYNAMICS
DETERMINANTS
ENERGY METHODS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
HERMITIAN POLYNOMIAL
HESSIAN MATRICES
ISOPERIMETRIC PROBLEM
LINEAR EQUATIONS
LINEAR PROGRAMMING
LINEAR TRANSFORMATIONS
LUMPED PARAMETER SYSTEMS
∞ MATRICES
METHOD OF MOMENTS
ROOTS OF EQUATIONS
SIMPLEX METHOD
SIMULTANEOUS EQUATIONS
SUBGROUPS
U SPIN SPACE
WALSH FUNCTION

MATRIX ANALYSIS

USE MATRICES (MATHEMATICS)

MATRIX MANAGEMENT

GS MANAGEMENT
MATRIX MANAGEMENT
RT ALLOCATIONS
LOGISTICS
MANAGEMENT METHODS
∞ METHODOLOGY
OPERATIONS RESEARCH
PRODUCTIVITY
PROJECT PLANNING
SCHEDULING
TASKS

MATRIX MATERIALS

RT CERAMIC MATRIX COMPOSITES
COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
FIBER REINFORCED COMPOSITES
LAMINATES
∞ MATERIALS
METAL MATRIX COMPOSITES
POLYMER MATRIX COMPOSITES

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MATRIX MATERIALS-(CONT)

REINFORCING MATERIALS
RESIN MATRIX COMPOSITES

MATRIX METHODS

SN (LIMITED TO METHODS FOR STRUCTURAL ANALYSIS)
UF MATRIX STRESS CALCULATION
GS STRUCTURAL ANALYSIS
MATRIX METHODS
RT EQUILIBRIUM METHODS
∞ METHODOLOGY
NASTRAN
SPLINE FUNCTIONS

MATRIX STRESS CALCULATION

USE MATRIX METHODS

MATRIX THEORY

RT OPERATORS (MATHEMATICS)
∞ THEORIES

MATTER (PHYSICS)

RT ANTIMATTER
EXTRATERRESTRIAL MATTER
∞ PHYSICS
ROTATING MATTER

MATTS (SYSTEMS)

UF MULTIPLE TARGET TRAJECTORY SYSTEMS
GS TRACKING NETWORKS
MATTS (SYSTEMS)
RT ABORT TRAJECTORIES
AIRBORNE EQUIPMENT
ANGULAR CORRELATION
TARGET ACQUISITION

MATURING

USE GROWTH

MAULER MISSILE

GS MISSILES
ANTI-AIRCRAFT MISSILES
MAULER MISSILE
ANTIMISSILE MISSILES
MAULER MISSILE
SURFACE TO AIR MISSILES
MAULER MISSILE
RT SINGLE STAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

MAURITANIA

GS NATIONS
MAURITANIA
RT AFRICA

MAVERICK MISSILES

GS MISSILES
AIR TO SURFACE MISSILES
MAVERICK MISSILES

MAX HOLSTE MH-262 AIRCRAFT

USE MH-262 AIRCRAFT

MAXIMA

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
EXTREMUM VALUES
MAXIMA

RT APEXES
CALCULUS OF VARIATIONS
CUSPS (MATHEMATICS)
MINIMA
OPTIMIZATION
∞ PEAKS
PENALTY FUNCTION
RANGE (EXTREMES)
ZENITH

MAXIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
MAXIMUM ENTROPY METHOD
SPECTRUM ANALYSIS
MAXIMUM ENTROPY METHOD
RT DISTRIBUTION FUNCTIONS
ENTROPY
FOURIER TRANSFORMATION
INFORMATION THEORY
∞ METHODOLOGY
POWER SPECTRA
SIGNAL PROCESSING
SIGNAL TO NOISE RATIOS
STATISTICAL ANALYSIS

MAXIMUM ENTROPY METHOD-(CONT)
TIME SERIES ANALYSIS**MAXIMUM LIKELIHOOD ESTIMATES**

RT CONFIDENCE LIMITS
FORECASTING
GOODNESS OF FIT
LIKELIHOOD RATIO
PARAMETER IDENTIFICATION
PREDICTIONS
RELIABILITY
RISK
SYSTEM IDENTIFICATION

MAXIMUM PRINCIPLE

RT COMPLEX VARIABLES
DIFFERENTIAL EQUATIONS
ELLIPTIC DIFFERENTIAL EQUATIONS
HARMONIC FUNCTIONS
PONTYAGIN PRINCIPLE
REAL VARIABLES

MAXIMUM USABLE FREQUENCY

GS FREQUENCIES
MAXIMUM USABLE FREQUENCY
RT FREQUENCY ASSIGNMENT
FREQUENCY REUSE
HIGH FREQUENCIES
VERY HIGH FREQUENCIES

MAXWELL BODIES

RT CLASSICAL MECHANICS
CONTINUUM MECHANICS
HOOKES LAW
OSCILLATION DAMPERS
RELAXATION TIME

MAXWELL EQUATION

RT BOLTZMANN-VLASOV EQUATION
BORN-INFELD THEORY
ELECTRICITY
ELECTRODYNAMICS
ELECTROMECHANICS
∞ EQUATIONS
GAUSS EQUATION
MAGNETIC CHARGE DENSITY
MAGNETIC PROPERTIES
MAGNETOELECTRIC MEDIA
POYNTING THEOREM
∞ STOKES LAW

MAXWELL FLUIDS

RT COMPRESSIBLE FLUIDS
FLUID MECHANICS
∞ FLUIDS
RHEOLOGY
VISCOELASTICITY
VISCOUS FLOW
VISCOUS FLUIDS

MAXWELL-BOLTZMANN DENSITY FUNCTION

UF MAXWELLIAN DISTRIBUTION (DENSITY)
GS FUNCTIONS (MATHEMATICS)
MAXWELL-BOLTZMANN DENSITY
FUNCTION
STATISTICAL ANALYSIS
MAXWELL-BOLTZMANN DENSITY
FUNCTION
RT DENSITY DISTRIBUTION
KINETIC THEORY
PROBABILITY THEORY
STATISTICAL MECHANICS

MAXWELL-MOHR METHOD

RT DEFLECTION
∞ EQUILIBRIUM
∞ METHODOLOGY
STATIC DEFORMATION
TRUSSES

MAXWELLIAN DISTRIBUTION (DENSITY)

USE MAXWELL-BOLTZMANN DENSITY
FUNCTION

MAYER PROBLEM

RT ∞ CONDENSATION
CRITICAL POINT
GIBBS FREE ENERGY
∞ MOLECULAR PHYSICS
∞ PROBLEMS
SUPERSATURATION

MAYPOLE ANTENNAS

RT ANTENNA DESIGN

MAYPOLE ANTENNAS-(CONT)

LARGE SPACE STRUCTURES
SPACE ERECTABLE STRUCTURES

MAZE LEARNING

GS LEARNING
MAZE LEARNING
RT PROBLEM SOLVING

MB-1 ROCKET VEHICLE

USE GENIE ROCKET VEHICLE

MBM JUNCTIONS

UF METAL-BARRIER-METAL JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
MBM JUNCTIONS
RT BARRIER LAYERS
∞ BARRIERS
JUNCTION TRANSISTORS

MCDONNELL AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
MCDONNELL AIRCRAFT
C-9 AIRCRAFT
DC 10 AIRCRAFT
F-101 AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
RF-4 AIRCRAFT
RT ∞ AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
A-1 AIRCRAFT
DOUGLAS AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
B-66 AIRCRAFT
C-9 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-124 AIRCRAFT
C-133 AIRCRAFT
D-558 AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
DC 8 AIRCRAFT
DC 9 AIRCRAFT
DC 10 AIRCRAFT
PD-808 AIRCRAFT
X-3 AIRCRAFT
F-18 AIRCRAFT
MCDONNELL AIRCRAFT
C-9 AIRCRAFT
DC 10 AIRCRAFT
F-101 AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
RF-4 AIRCRAFT
RT ∞ AIRCRAFT

MCLAURIN SERIES

USE MACLAURIN SERIES

MCLEOD GAGES

GS MEASURING INSTRUMENTS
PRESSURE GAGES
VACUUM GAGES
MCLEOD GAGES
VACUUM APPARATUS
VACUUM GAGES
MCLEOD GAGES
RT IONIZATION GAGES
KNUDSEN GAGES
PIRANI GAGES
PRESSURE MEASUREMENT

MCMURDO SOUND

GS REGIONS
POLAR REGIONS
ANTARCTIC REGIONS
MCMURDO SOUND
SOUTHERN HEMISPHERE
ANTARCTIC REGIONS
MCMURDO SOUND
RT ROSS ICE SHELF

MCR REACTORS

USE MILITARY COMPACT REACTORS

MDA

USE MULTIPLE DOCKING ADAPTERS

ME P-160 AIRCRAFT

USE P-160 AIRCRAFT

ME P-308 AIRCRAFT

USE P-308 AIRCRAFT

MEADOWLANDS

USE GRASSLANDS

MEAN

GS AVERAGE
MEAN
MOMENTS
DISTRIBUTION MOMENTS
MEAN
RT MEDIAN (STATISTICS)
MODE (STATISTICS)
NORMALITY
QUALITY CONTROL
RANGE (EXTREMES)
STATISTICAL ANALYSIS
VARIANCE (STATISTICS)

MEAN FREE PATH

RT COLLISION PARAMETERS
∞ CROSS SECTIONS
KNUDSEN FLOW
PARTICLE COLLISIONS
PARTICLE MOTION
∞ PATHS
SCATTERING
VACUUM

MEAN SQUARE VALUES

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
MEAN SQUARE VALUES
RT ALGORITHMS
ERROR ANALYSIS
LEAST SQUARES METHOD

MEAN TIME BETWEEN FAILURES

USE MTBF

MEANDERS

RT OPEN CHANNEL FLOW
RAPIDS
RIVER BASINS
RIVERS
STREAMS
TOPOGRAPHY
VALLEYS

MEASURE AND INTEGRATION

UF INTEGRATION (REAL VARIABLES)
MEASURE THEORY
RIEMANN INTEGRAL
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
BINARY INTEGRATION
BOREL SETS
FUNCTIONAL INTEGRATION
INTEGRAL CALCULUS
J INTEGRAL
LEBESGUE THEOREM
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
STIELTJES INTEGRAL
WEIGHTING FUNCTIONS
RT FOURIER ANALYSIS

MEASURE THEORY

USE MEASURE AND INTEGRATION

∞ MEASUREMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF DETERMINATION
MEASURING
QUANTIZATION
RT ACCURACY
ACOUSTIC MEASUREMENT
AIRBORNE RANGE AND ORBIT
DETERMINATION
AIRCRAFT INSTRUMENTS
ANALOG DATA
ASTROMETRY
AUDIOMETRY
CHEMICAL ANALYSIS
CONFIDENCE LIMITS
CONSISTENCY

MEASURES

MEASUREMENT-(CONT)

COUNTING
 ∞ DATA
 ∞ DEFINITION
 DENSIMETERS
 DENSITY MEASUREMENT
 DEPTH MEASUREMENT
 DETECTION
 DILATOMETRY
 DIMENSIONAL MEASUREMENT
 DOWNRANGE ANTIMISSILE
 MEASUREMENT PROGRAM
 DOWNRANGE MEASUREMENT
 DRAG MEASUREMENT
 EARTH TERMINAL MEASUREMENT
 SYSTEM
 ELECTRICAL MEASUREMENT
 ELECTROMAGNETIC MEASUREMENT
 ELECTROMAGNETIC NOISE
 MEASUREMENT
 ESTIMATING
 EVALUATION
 EXAMINATION
 FLOW MEASUREMENT
 FREQUENCY MEASUREMENT
 FRICTION MEASUREMENT
 GAMMA RAY ABSORPTIOMETRY
 GEOMETRY
 GRAVIMETRY
 HEAT MEASUREMENT
 HIGH ALT TARGET AND BACKGROUND
 MEASUREMENT
 HUMIDITY MEASUREMENT
 IDENTIFYING
 INTERNATIONAL SYSTEM OF UNITS
 LATITUDE MEASUREMENT
 LONGITUDE MEASUREMENT
 MACROSCOPIC EQUATIONS
 MAGNETIC MEASUREMENT
 ∞ MEASURES
 MEASURING INSTRUMENTS
 MECHANICAL MEASUREMENT
 METROLOGY
 MONITORS
 NOISE MEASUREMENT
 OPTICAL MEASUREMENT
 OPTOMETRY
 PHOTOGRAPHIC MEASUREMENT
 PNEUMOGRAPHY
 PRESSURE MEASUREMENT
 PROVING
 PUPILLOMETRY
 RADAR MEASUREMENT
 RADIATION MEASUREMENT
 RADIOACTIVE AGE DETERMINATION
 RANGEFINDING
 SIGNAL MEASUREMENT
 SIZE DETERMINATION
 SOUNDING
 SPHYGMOGRAPHY
 STANDARDS
 STRAIN MEASUREMENT
 SYNOPTIC MEASUREMENT
 TEMPERATURE MEASUREMENT
 THRUST MEASUREMENT
 TIME MEASUREMENT
 TRAJECTORY MEASUREMENT
 ULTRASONIC DENSIMETERS
 UNITS OF MEASUREMENT
 VELOCITY MEASUREMENT
 VIBRATION MEASUREMENT
 WEIGHT MEASUREMENT
 WIND MEASUREMENT

∞ MEASURES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT
 ∞ MEASUREMENT
 STANDARDS

MEASURING

USE MEASUREMENT

MEASURING INSTRUMENTS

UF FLUXMETERS
 GAGES
 METERS
 RATE METERS
 GS MEASURING INSTRUMENTS
 ACCELEROMETERS
 STRAIN GAGE ACCELEROMETERS
 AMMETERS
 MICROMILLIAMMETERS

MEASURING INSTRUMENTS-(CONT)

THERMOELEMENT AMMETERS
 ANALYZERS
 ENGINE ANALYZERS
 SIGNAL ANALYZERS
 BALLOON-BORNE INSTRUMENTS
 BATHYMETERS
 BURETTES
 CALORIMETERS
 BOMB CALORIMETERS
 DROP CALORIMETERS
 FLAME CALORIMETERS
 COMPARATORS
 COMPASSES
 GYROCOMPASSES
 CONDUCTIVITY METERS
 ELECTRICAL CONDUCTIVITY METERS
 COULOMETERS
 COUNTERS
 RADIATION COUNTERS
 CERENKOV COUNTERS
 ELECTRON COUNTERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 QUANTUM COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS
 DEFORMETERS
 DENSIMETERS
 ULTRASONIC DENSIMETERS
 DENSITOMETERS
 MICRODENSITOMETERS
 DISTANCE MEASURING EQUIPMENT
 ALTIMETERS
 RADIO ALTIMETERS
 GEODIMETERS
 RANGE FINDERS
 OPTICAL RANGE FINDERS
 LASER RANGE FINDERS
 STADIMETERS
 TELLUROMETERS
 DYNAMOMETERS
 ELASTOMETERS
 ELECTROMETERS
 ELECTRON PROBES
 ENGINE MONITORING INSTRUMENTS
 ERGOMETERS
 EUDIOMETERS
 EXTENSOMETERS
 FIELD INTENSITY METERS
 FLAME PROBES
 FLIGHT LOAD RECORDERS
 FLIGHT RECORDERS
 FLOWMETERS
 GAS METERS
 HOT-WIRE FLOWMETERS
 RHEOMETERS
 FORCE VECTOR RECORDERS
 FUEL GAGES
 CAPACITIVE FUEL GAGES
 GALVANOMETERS
 GERDIEN CONDENSERS
 GONIOMETERS
 PHOTOGONIOMETERS
 RADIOGONIOMETERS
 GRAVIMETERS
 GRAVITY GRADIOMETERS
 HELIOMETERS
 PYROHELIOMETERS
 HYDROMETERS
 HYPSONETERS
 IMPEDANCE PROBES
 RADIO FREQUENCY IMPEDANCE
 PROBES
 INDICATING INSTRUMENTS
 APPROACH INDICATORS
 ATTITUDE INDICATORS
 GYRO HORIZONS
 CLOUD HEIGHT INDICATORS
 FLOW DIRECTION INDICATORS
 WIND VANES
 GYROCOMPASSES
 MICROWAVE SENSORS
 POSITION INDICATORS
 ASTROLABES
 PLAN POSITION INDICATORS
 RADIO DIRECTION FINDERS
 SPACECRAFT POSITION
 INDICATORS
 SMOKE DETECTORS
 SPEED INDICATORS
 ANEMOMETERS
 DRAG FORCE ANEMOMETERS

NASA THESAURUS (VOLUME 1)

MEASURING INSTRUMENTS-(CONT)

HOT-FILM ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 LASER ANEMOMETERS
 SONIC ANEMOMETERS
 TACHOMETERS
 WEIGHT INDICATORS
 MICROBALANCES
 STRAIN GAGE BALANCES
 THERMOBALANCES
 INTERFEROMETERS
 FABRY-PEROT INTERFEROMETERS
 INFRARED INTERFEROMETERS
 MACH-ZEHNDER INTERFEROMETERS
 MICHELSON INTERFEROMETERS
 MICROWAVE INTERFEROMETERS
 PHASE SWITCHING
 INTERFEROMETERS
 RADIO INTERFEROMETERS
 ION PROBES
 ION TRAPS (INSTRUMENTATION)
 LASER DOPPLER VELOCIMETERS
 MAGNETIC PROBES
 MAGNETOMETERS
 VARIOMETERS
 MECHANOGRAMS
 METEOROLOGICAL INSTRUMENTS
 BAROMETERS
 CLOUD HEIGHT INDICATORS
 DROPSONDES
 RADIOMETEOROLOGICAL INSTRUMENTS
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 RAIN GAGES
 WEATHER DATA RECORDERS
 WIND VANES
 MICROMETERS
 MICROWAVE PROBES
 MICROWAVE PLASMA PROBES
 MOISTURE METERS
 HYGROMETERS
 PSYCHROMETERS
 MONOCHROMATORS
 NOISE METERS
 OHMMETERS
 OMEGA NAVIGATION SYSTEM
 OPTICAL MEASURING INSTRUMENTS
 CATHETOMETERS
 DIFFRACTOMETERS
 EBERT SPECTROMETERS
 ELLIPSOMETERS
 GEODIMETERS
 HAPLOSOPES
 INFRARED SPECTROMETERS
 FILTER WHEEL INFRARED
 SPECTROMETERS
 LIGHT SCATTERING METERS
 MICRODENSITOMETERS
 NEPHELOMETERS
 OCULOMETERS
 OPTICAL PYROMETERS
 OPTICAL RANGE FINDERS
 OPTICAL SCANNERS
 MULTISPECTRAL BAND SCANNERS
 PHOTOGONIOMETERS
 PHOTOMETERS
 ELECTROPHOTOMETERS
 ULTRAVIOLET SPECTROMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 POLARIMETERS
 REFLECTOMETERS
 MICROWAVE REFLECTOMETERS
 REFRACTOMETERS
 SEXTANTS
 SPECTROPHOTOMETERS
 INFRARED SPECTROPHOTOMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 TRANSITS
 THEODOLITES
 CINETHEODOLITES
 TRANSMISSOMETERS
 OSCILLOGRAPHS
 OXYGEN ANALYZERS
 PENETROMETERS
 PLASMA PROBES
 ELECTROSTATIC PROBES
 POLARISCOPES
 SENARMONT POLARISCOPES
 POTENTIOMETERS (INSTRUMENTS)
 PRESSURE GAGES
 BAROMETERS
 MANOMETERS

NASA THESAURUS (VOLUME 1)

MEASURING INSTRUMENTS-(CONT)

OSMOMETERS
PIEZOELECTRIC GAGES
PIEZOMETERS
VACUUM GAGES
IONIZATION GAGES
ALPHATRONS
BAYARD-ALPERT IONIZATION GAGES
PENNING GAGES
PHILIPS IONIZATION GAGES
KNUDSEN GAGES
MCLEOD GAGES
PIRANI GAGES
PROFILOMETERS
PROTRACTORS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
PYRANOMETERS
RADIOMETERS
DICKER RADIOMETERS
INFRARED DETECTORS
INFRARED SCANNERS
MICROWAVE RADIOMETERS
PASSIVE L-BAND RADIOMETERS
PRESSURE MODULATOR RADIOMETERS
SPECTRORADIOMETERS
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
BOLOMETERS
EBERT SPECTROMETERS
ELECTROSTATIC PROBES
FABRY PEROT SPECTROMETERS
HODOSCOPES
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
INFRARED SCANNERS
INFRARED SPECTROMETERS
INFRARED SPECTROPHOTOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
RADIATION COUNTERS
CERENKOV COUNTERS
ELECTRON COUNTERS
GEIGER COUNTERS
NEUTRON COUNTERS
NEUTRON SPECTROMETERS
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
QUANTUM COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS
RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS (DOSIMETERS)
GOLAY DETECTOR CELLS
SILICON RADIATION DETECTORS
RIOMETERS
RATIOMETERS
RESONANCE PROBES
CYCLOTRON RESONANCE DEVICES
RESPIROMETERS
SATELLITE-BORNE INSTRUMENTS
AMPS (SATELLITE PAYLOAD)
SCATTEROMETERS
SHOCK MEASURING INSTRUMENTS
SONDES
DROPSONDES
JUDI-DART ROCKET
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
SPECTROMETERS
EBERT SPECTROMETERS
FABRY-PEROT SPECTROMETERS
GAMMA RAY SPECTROMETERS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED SPECTROMETERS
LASER SPECTROMETERS
MASS SPECTROMETERS
MICROWAVE SPECTROMETERS

MEASURING INSTRUMENTS-(CONT)

NEUTRON SPECTROMETERS
SOLAR BACKSCATTER UV SPECTROMETER
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
TIME OF FLIGHT SPECTROMETERS
ULTRAVIOLET SPECTROMETERS
HIGH DISPERSION SPECTROGRAPHS
SPUTTERING GAGES
STRAIN GAGES
TEMPERATURE MEASURING INSTRUMENTS
BATHYTHERMOGRAPHS
OPTICAL PYROMETERS
PYROMETERS
RADIATION PYROMETERS
THERMOCOUPLE PYROMETERS
TEMPERATURE PROBES
PNEUMATIC PROBES
THERMOMETERS
RESISTANCE THERMOMETERS
TENSIMETERS
TENSOMETERS
THERMAL CONDUCTIVITY GAGES
TILTMETERS
TIME MEASURING INSTRUMENTS
CLOCKS
ATOMIC CLOCKS
AUTONOMOUS SPACECRAFT CLOCKS
CHRONOMETERS
TIMING DEVICES
TITRIMETERS
TORQUEMETERS
TURBULENCE METERS
VIBRATION METERS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
VISCOMETERS
VOLTMMETERS
MILLIVOLTMETERS
WATTMMETERS
RT AIRCRAFT INSTRUMENTS
AUTOMATIC CONTROL
AUTOMATIC TEST EQUIPMENT
BIOINSTRUMENTATION
CALIBRATING
CIRCUMSOLAR TELESCOPES
CONTROL MOMENT GYROSCOPES
CONTROLLERS
∞ DETECTORS
DRAG MEASUREMENT
DUOCHROMATORS
ELECTRIC BRIDGES
ELECTRICAL MEASUREMENT
FLIGHT INSTRUMENTS
FOREST FIRE DETECTION
FRAUNHOFER LINE DISCRIMINATORS
IMBLMS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
∞ INSTRUMENTS
INTERNATIONAL SYSTEM OF UNITS
LABORATORY EQUIPMENT
LANDING INSTRUMENTS
LARGE APERTURE SEISMIC ARRAY
LOCAL SCIENTIFIC SURVEY MODULE
LUNAR RANGEFINDING
∞ MEASUREMENT
METROLOGY
MICROINSTRUMENTATION
MONITORS
NAVIGATION INSTRUMENTS
∞ PROBES
PROPELLANT ACTUATED INSTRUMENTS
RADIO PROBING
RADIO TELEMETRY
RAPID BALLISTICS IDENTIFICATION
RECORDING INSTRUMENTS
REMOTE SENSORS
ROCKET-BORNE INSTRUMENTS
RONCHI TEST
SATELLITE INSTRUMENTS
∞ SENSORS
SODAR
SOUND DETECTING AND RANGING
SPACECRAFT INSTRUMENTS
SYNCHROSCOPES
TELEMETRY
∞ TEST EQUIPMENT
TRANSDUCERS
ULTRASONIC SCANNERS
VENTURI TUBES
WHEATSTONE BRIDGES

MECHANICAL MEASUREMENT

MEASURING INSTRUMENTS-(CONT)

WIND TUNNEL CALIBRATION

MECAMYLAMINE

GS AMINES
MECAMYLAMINE
TERPENES
MECAMYLAMINE

MECHANICAL DEVICES

RT CAMS
CLAMPS
CLIPS
CLUTCHES
∞ DEVICES
∞ EQUIPMENT
HOLDERS
JIGS
LEVERS
LINKAGES
MACHINE TOOLS
∞ MECHANISM
MECHANIZATION
TOOLS

MECHANICAL DRAWINGS

USE ENGINEERING DRAWINGS

MECHANICAL DRIVES

UF ROTARY DRIVES
GS MECHANICAL DRIVES
HELICOPTER PROPELLER DRIVE
MAGNETIC TAPE TRANSPORTS
PROPELLER DRIVE
TRANSMISSIONS (MACHINE ELEMENTS)
RT CLUTCHES
COUNTER-ROTATING WHEELS
COUPLING
COUPLINGS
∞ DRIVES
∞ GEAR
GEAR TEETH
GEARS
MAGNETOELECTRIC MEDIA
∞ POWER TRANSMISSION
SHAFTS (MACHINE ELEMENTS)
VEHICLE WHEELS
WIND TUNNEL DRIVES
WINDMILLS (WINDPOWERED MACHINES)

MECHANICAL ENGINEERING

RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
∞ ENGINEERING
FLUID FLOW
FLYWHEELS
FURNACES
HEAT TRANSFER
MACHINE TOOLS
∞ MACHINERY
MAINTENANCE
MATERIALS HANDLING
STRESS ANALYSIS
THERMODYNAMICS
VIBRATION TESTS

MECHANICAL IMPEDANCE

GS IMPEDANCE
MECHANICAL IMPEDANCE
RT ATTENUATION
DAMPING
FRICTION
IMPEDANCE MEASUREMENT

MECHANICAL MEASUREMENT

SN (MEASUREMENT OF MECHANICAL PROPERTIES, QUANTITIES OR CONDITIONS)
GS MECHANICAL MEASUREMENT
DISPLACEMENT MEASUREMENT
DRAG MEASUREMENT
FLOW MEASUREMENT
FRICTION MEASUREMENT
PRESSURE MEASUREMENT
STRESS MEASUREMENT
X RAY STRESS MEASUREMENT
THRUST MEASUREMENT
VELOCITY MEASUREMENT
WIND VELOCITY MEASUREMENT
VIBRATION MEASUREMENT
WIND MEASUREMENT
WIND VELOCITY MEASUREMENT
RT ACCELEROMETERS
ACOUSTIC MEASUREMENT
DEFORMETERS

MECHANICAL OSCILLATORS

MECHANICAL MEASUREMENT-(CONT)

DENSITY MEASUREMENT
DEPTH MEASUREMENT
DYNAMOMETERS
EXTENSOMETERS
FLOWMETERS
∞ MEASUREMENT
STRAIN GAGES
TENSOMETERS
TORQUEMETERS
WEIGHT INDICATORS

MECHANICAL OSCILLATORS

GS OSCILLATORS
 MECHANICAL OSCILLATORS
 PENDULUMS
 GYROSCOPIC PENDULUMS
RT ELECTRIC CHOPPERS
HARMONIC OSCILLATORS
RECIPROCATION
RESONANT VIBRATION
VIBRATION

MECHANICAL PROPERTIES

UF METEORITE COMPRESSION TESTS
STRENGTH OF MATERIALS
GS **MECHANICAL PROPERTIES**
ABRASION RESISTANCE
BRITTLENESS
BULK MODULUS
COLD STRENGTH
COMPRESSIBILITY
COMPRESSIVE STRENGTH
CREEP PROPERTIES
SHEAR CREEP
STEADY STATE CREEP
TENSILE CREEP
CREEP RUPTURE STRENGTH
CREEP STRENGTH
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
DUCTILITY
EARTHQUAKE RESISTANCE
ELASTIC PROPERTIES
AEROELASTICITY
AEROTHERMOELASTICITY
ANELASTICITY
ELASTOPLASTICITY
HYDROELASTICITY
HYPOELASTICITY
MAGNETOSTRICTION
MODULUS OF ELASTICITY
DYNAMIC MODULUS OF ELASTICITY
PHOTOELASTICITY
PHOTOVISCOELASTICITY
PROPORTIONAL LIMIT
THERMOELASTICITY
AEROTHERMOELASTICITY
VISCOELASTICITY
PHOTOVISCOELASTICITY
THERMOVISCOELASTICITY
ELECTROSTRICTION
FATIGUE LIFE
FIBER STRENGTH
FLEXIBILITY
FRACTURE STRENGTH
HARDNESS
KNOOP HARDNESS
MICROHARDNESS
ROCKWELL HARDNESS
HIGH STRENGTH
IMPACT STRENGTH
MALLEABILITY
MODULAR RATIOS
NOTCH STRENGTH
PIEZOELECTRICITY
PLASTIC PROPERTIES
ELASTOPLASTICITY
PHOTOPLASTICITY
SUPERPLASTICITY
THERMOPLASTICITY
VISCOPLASTICITY
YIELD POINT
POISSON RATIO
RESILIENCE
SET
SHEAR PROPERTIES
SHEAR STRENGTH
STIFFNESS
STRESS CYCLES
STRESS RATIO
STRESS RELAXATION
TENSILE PROPERTIES
TENSILE STRENGTH

MECHANICAL PROPERTIES-(CONT)

THERMAL RESISTANCE
TOUGHNESS
NOTCH SENSITIVITY
WELD STRENGTH
YIELD STRENGTH
MICROYIELD STRENGTH
RT ACOUSTIC PROPERTIES
AGING (MATERIALS)
ANISOTROPY
BUOYANCY
CAST ALLOYS
COEFFICIENTS
COMPRESSING
COMPRESSION LOADS
DEFORMATION
DURABILITY
ELASTIC PROPERTIES
ELONGATION
FATIGUE (MATERIALS)
FERRITIC STAINLESS STEELS
FIBER ORIENTATION
FLATNESS
∞ HIGH RESISTANCE
HYSTERESIS
IMPEDANCE
INTERFACIAL TENSION
INTERNAL FRICTION
ISOTROPY
J INTEGRAL
∞ LOW RESISTANCE
∞ MATERIALS
∞ MATERIALS TESTS
∞ METALLURGY
MICROMECHANICS
MICROPOROSITY
PEELING
PERMEABILITY
∞ PHYSICAL PROPERTIES
PROPELLANT PROPERTIES
∞ PROPERTIES
RADIATION EFFECTS
RELIABILITY
∞ RIGIDITY
ROUGHNESS
RUGGEDNESS
SHEAR STRAIN
SHEAR STRESS
SHOCK RESISTANCE
SOLID MECHANICS
SPECIFICATIONS
SPECIMEN GEOMETRY
STRAIN RATE
∞ STRENGTH
STRESS CONCENTRATION
STRESSES
STRUCTURAL FAILURE
SUPERCOOLING
SURFACE DEFECTS
SURFACE PROPERTIES
SURFACE ROUGHNESS
TEARING
TEMPERATURE INVERSIONS
TEXTURES
TOLERANCES (MECHANICS)
TRIAxIAL STRESSES
TRIBOLUMINESCENCE
WEATHERING

MECHANICAL RESONANCE

USE RESONANT VIBRATION

MECHANICAL SHOCK

UF JARRING
GS **MECHANICAL SHOCK**
HYDRAULIC SHOCK
RT ACCELERATION (PHYSICS)
HIGH ACCELERATION
HYPERVELOCITY IMPACT
IMPACT
IMPACT ACCELERATION
∞ SHOCK
SHOCK ABSORBERS
SHOCK RESISTANCE
SHOCK SPECTRA
SHOCK WAVES
VIBRATION

MECHANICAL TWINNING

GS TWINNING
 MECHANICAL TWINNING
RT CRYSTAL DEFECTS
CRYSTAL GROWTH
CRYSTAL STRUCTURE
WORK HARDENING

NASA THESAURUS (VOLUME 1)

∞ MECHANICS (PHYSICS)

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CELESTIAL MECHANICS
CLASSICAL MECHANICS
CONTINUUM MECHANICS
∞ DYNAMICS
ELECTROMECHANICS
FLIGHT MECHANICS
FLUID DYNAMICS
FLUID MECHANICS
FRACTURE MECHANICS
GAS DYNAMICS
∞ HYDRAULICS
HYDRODYNAMICS
KINEMATICS
KINETICS
LOADS (FORCES)
∞ MECHANISM
ORBITAL MECHANICS
∞ PHYSICS
QUANTUM MECHANICS
∞ SCIENCE
SOLID MECHANICS
STATICS
STATISTICAL MECHANICS
VIRIAL THEOREM
WIGNER COEFFICIENT

∞ MECHANISM

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ MACHINERY
MECHANICAL DEVICES
∞ MECHANICS (PHYSICS)
∞ METHODOLOGY

MECHANIZATION

RT ∞ AUTOMATION
DATA PROCESSING
DEPERSONALIZATION
∞ MACHINERY
MAN MACHINE SYSTEMS
MECHANICAL DEVICES
∞ OPERATIONS
SYSTEMS ENGINEERING
TOOLING
TOOLS

MECHANOGRAMS

GS MEASURING INSTRUMENTS
 MECHANOGRAMS
MEDICAL EQUIPMENT
 MECHANOGRAMS
RECORDING INSTRUMENTS
 MECHANOGRAMS
RT MUSCULAR FUNCTION

MECHANORECEPTORS

GS ANATOMY
SENSE ORGANS
 MECHANORECEPTORS
RECEPTORS (PHYSIOLOGY)
 MECHANORECEPTORS
RT SENSITOMETRY

MECLIZINE

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
 MECLIZINE
HETEROCYCLIC COMPOUNDS
AZINES
 MECLIZINE
PYRAZINES
AZINES
 MECLIZINE

MEDIA

SN (EXCLUDES COMMUNICATION TECHNIQUES)
GS **MEDIA**
ANISOTROPIC MEDIA
ANISOTROPIC FLUIDS
ELASTIC MEDIA
INTERGALACTIC MEDIA
INTERPLANETARY MEDIUM
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
INTERPLANETARY GAS
RT ∞ CHANNELS

MEDIAN (STATISTICS)

RT AVERAGE
DISTRIBUTION MOMENTS
ERRORS
MEAN
MODE (STATISTICS)
NORMALITY
NORMS
QUALITY CONTROL
STATISTICAL ANALYSIS
∞ TESTS

MEDIASTINUM

RT SEPTUM
TISSUES (BIOLOGY)

MEDIATION

RT LABOR
MANAGEMENT PLANNING

MEDICAL ELECTRONICS

RT ECHOENCEPHALOGRAPHY
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROMYOGRAPHY
∞ ELECTRONICS
ELECTROPLETHYSMOGRAPHY
ELECTRORETINOGRAPHY

MEDICAL EQUIPMENT

GS **MEDICAL EQUIPMENT**
ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD PUMPS
CARDIOTACHOMETERS
ENDOSCOPES
MECHANOGGRAMS
PROSTHETIC DEVICES
ARTIFICIAL EARS
RESPIRATORS
STETHOSCOPES
STRETCHERS
SURGICAL INSTRUMENTS
SYRINGES
TOURNIQUETS
X RAY APPARATUS
LIXISCOPES
X RAY TUBES
RT RADIOGRAPHY
DENTISTRY
DIAGNOSIS
ECHOENCEPHALOGRAPHY
ELECTROENCEPHALOGRAPHY
EMERGENCY LIFE SUSTAINING
SYSTEMS
∞ EQUIPMENT
FIRST AID
FLUOROSCOPY
HOSPITALS
IMBLMS
∞ MEDICINE
MICROTOMY
MOBILE QUARANTINE FACILITY
THERAPY

MEDICAL PERSONNEL

GS PERSONNEL
MEDICAL PERSONNEL
FLIGHT NURSES
PHYSICIANS
SURGEONS
FLIGHT SURGEONS
RT ∞ MEDICINE

MEDICAL PHENOMENA

GS PHENOMENOLOGY
MEDICAL PHENOMENA
RT DIVING (UNDERWATER)

MEDICAL SCIENCE

GS **MEDICAL SCIENCE**
ANESTHESIOLOGY
DENTISTRY
DERMATOLOGY
ENDOCRINOLOGY
EPIDEMIOLOGY
GERIATRICS
GYNECOLOGY
HISTOLOGY
IMMUNOLOGY
NEUROLOGY
NEUROPSYCHIATRY
NUCLEAR MEDICINE
RADIOBIOLOGY
OPHTHALMOLOGY

MEDICAL SCIENCE-(CONT)

ORTHOPEDICS
OTOLARYNGOLOGY
OTOLOGY
PATHOLOGY
HUMAN PATHOLOGY
PSYCHIATRY
SOCIAL PSYCHIATRY
RADIOLOGY
RADIOPATHOLOGY
SYMPTOMOLOGY
TOOTH DISEASES
UROLOGY
RT AEROSPACE MEDICINE
∞ BIOLOGY
CLINICAL MEDICINE
DIAGNOSIS
DISEASES
FIRST AID
∞ MEDICINE
OPTOMETRY
PHARMACOLOGY
PHENOMENOLOGY
PNEUMOTHORAX
PSYCHOPHARMACOLOGY
RADIATION THERAPY
∞ SCIENCE
SPORTS MEDICINE
TRANSFUSION

MEDICAL SERVICES

GS SERVICES
MEDICAL SERVICES
RT AMBULANCES
FIRST AID
INTRAVENOUS PROCEDURES
MOBILE QUARANTINE FACILITY
PUBLIC HEALTH

∞ MEDICINE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AEROSPACE MEDICINE
CLINICAL MEDICINE
MEDICAL EQUIPMENT
MEDICAL PERSONNEL
MEDICAL SCIENCE
NEUROPSYCHIATRY
PHARMACOLOGY
PSYCHOPHARMACOLOGY
RADIOBIOLOGY
RADIOLOGY
VETERINARY MEDICINE

MEDITERRANEAN SEA

GS SEAS
MEDITERRANEAN SEA
ADRIATIC SEA
RT MALTA
RHONE DELTA (FRANCE)
SICILY

MEDIUM SCALE INTEGRATION

GS CIRCUITS
PRINTED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROELECTRONICS
MEDIUM SCALE INTEGRATION
RT ELECTRONIC PACKAGING
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION

MEETINGS

USE CONFERENCES

MEGALOPOLISES

RT CITIES
COMMUNITIES
DEMOGRAPHY
INDUSTRIAL AREAS
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN TRANSPORTATION

MEGAGAMECHANICS

RT LARGE SPACE STRUCTURES
STRUCTURAL ANALYSIS
STRUCTURAL ENGINEERING
TRUSSES

MEISSNER EFFECT

USE DIAMAGNETISM
SUPERCONDUCTIVITY

MELAMINE

GS AMINES
MELAMINE
RT RESINS

MELANIN

GS PIGMENTS
MELANIN
PROTEINS
MELANIN
RT DOPA
SKIN (ANATOMY)

MELANOIDIN

GS ACIDS
AMINO ACIDS
MELANOIDIN
ORGANIC COMPOUNDS
AMINO ACIDS
MELANOIDIN

MELLIN TRANSFORMS

GS FUNCTIONS (MATHEMATICS)
MELLIN TRANSFORMS
RT INTEGRAL EQUATIONS
KERNEL FUNCTIONS

MELT SPINNING

GS CRYSTALLIZATION
MELT SPINNING
MELTS (CRYSTAL GROWTH)
MELT SPINNING
SOLIDIFICATION
MELT SPINNING
RT ∞ METALLURGY
PHASE TRANSFORMATIONS

MELTING

UF REMELTING
THAWING
GS PHASE TRANSFORMATIONS
MELTING
FUSION (MELTING)
LEVITATION MELTING
VACUUM MELTING
RT ABLATION
AUFELS (ICE)
BURNTHROUGH (FAILURE)
CASTING
COAL LIQUEFACTION
CONTAINERLESS MELTS
COOLING
DEFROSTING
DEICING
DROP TRANSFER
EXTRACTION
FREEZING
FURNACES
HEAT OF FUSION
HEATING
ICE PREVENTION
IMPACT MELTS
INDUCTION HEATING
INJECTION MOLDING
LIQUEFACTION
LIQUID METALS
LIQUID-SOLID INTERFACES
MELTS (CRYSTAL GROWTH)
METAL CUTTING
METAL FOAMS
∞ METALLURGY
MOLDS
PHASE CHANGE MATERIALS
PSEUDOPOTENTIALS
∞ SEPARATION
SMELTING
SOLAR FURNACES
SPIKING
ZONE MELTING

MELTING POINTS

UF FREEZING POINTS
GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
MELTING POINTS
RT HIGH TEMPERATURE TESTS
LIQUID PHASES
LIQUIDUS
LOW TEMPERATURE TESTS
PHASE DIAGRAMS
REACTION BONDING

MELTS (CRYSTAL GROWTH)

MELTING POINTS-(CONT)

SOLID SOLUTIONS
SOLID STATE
SOLIDIFICATION
SOLIDIFIED GASES
SPECIFIC HEAT
TEMPERATURE
TRANSITION TEMPERATURE

MELTS (CRYSTAL GROWTH)

GS **MELTS (CRYSTAL GROWTH)**
CONTAINERLESS MELTS
IMPACT MELTS
MELT SPINNING
RT ATOMIC STRUCTURE
CRYSTAL GROWTH
CRYSTALLIZATION
FLOAT ZONES
MARANGONI CONVECTION
MELTING
SEMICONDUCTORS (MATERIALS)

MEM (EXCURSION MODULE)

USE MARS EXCURSION MODULE

MEMBRANE ANALOGY

USE MEMBRANE STRUCTURES
STRUCTURAL ANALYSIS

MEMBRANE STRUCTURES

UF MEMBRANE ANALOGY
GS MEMBRANES
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
RT DIAPHRAGMS (MECHANICS)
METAL SHELLS
PERFORATED SHELLS
SCOTCHLITE (TRADEMARK)
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
∞ STRUCTURES
THIN WALLED SHELLS
WEBS (SUPPORTS)

MEMBRANE THEORY

USE STRUCTURAL ANALYSIS

MEMBRANES

UF WEBS (MEMBRANES)
GS **MEMBRANES**
CHOROID MEMBRANES
CONJUNCTIVA
ION EXCHANGE MEMBRANE
ELECTROLYTES
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
PLEURAE
RT ∞ DIAPHRAGMS
DIAPHRAGMS (MECHANICS)
∞ FILMS
JET MEMBRANE PROCESS
∞ LAYERS
OSMOSIS
PERITONEUM
REVERSE OSMOSIS
SEPTUM
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
SKIN (ANATOMY)
∞ WEBS
WEBS (SHEETS)
WEBS (SUPPORTS)

MEMORY

SN (LIMITED TO SENTIENT ORGANISMS--
EXCLUDES COMPUTER STORAGE
DEVICES AND PLASTIC MEMORY)
RT EDUCATION
LEARNING
MNEMONICS
RECOGNITION
RETENTION (PSYCHOLOGY)

MEMORY (COMPUTERS)

RT ARCHITECTURE (COMPUTERS)
COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTERS
HOLE BURNING
MAGNETIC DISKS
VIDEO DISKS

MENDELEVIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
MENDELEVIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
MENDELEVIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
MENDELEVIUM
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
MENDELEVIUM

MENINGITIS

GS DISEASES
INFECTIOUS DISEASES
MENINGITIS

MENISCI

GS LIQUID SURFACES
MENISCI
RT CURVES (GEOMETRY)
LIQUID-GAS MIXTURES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
∞ SURFACES

MENSTRUATION

GS PHYSIOLOGY
MENSTRUATION
RT FEMALES
OVARIES

MENTAL HEALTH

GS HEALTH
MENTAL HEALTH
RT HUMAN PERFORMANCE
INTELLIGENCE
NEUROPSYCHIATRY
PSYCHOTHERAPY
RORSCHACH TESTS
SCHIZOPHRENIA

MENTAL PERFORMANCE

RT CONSCIOUSNESS
HUMAN PERFORMANCE
HYPERNEA
INSPIRATION
INTELLECT
INTELLIGENCE
IRRATIONALITY
LIES
OPERATOR PERFORMANCE
∞ PERFORMANCE
PSYCHOMOTOR PERFORMANCE
STRESS (PSYCHOLOGY)
WORKLOADS (PSYCHOPHYSIOLOGY)

MENTAL STRESS

USE STRESS (PSYCHOLOGY)

MENTHOL

GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
MENTHOL
HYDROCARBONS
CYCLIC HYDROCARBONS
MENTHOL
TERPENES
MENTHOL

MEPROBAMATE

GS ALIPHATIC COMPOUNDS
MEPROBAMATE
ESTERS
MEPROBAMATE

MERCAPTAN

USE THIOLS

MERCAPTO COMPOUNDS

USE THIOLS

MERCATOR PROJECTION

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
MERCATOR PROJECTION
PROJECTIVE GEOMETRY

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MERCATOR PROJECTION-(CONT)

RT MAPS
MERCATOR PROJECTION

MERCURE AIRCRAFT

GS TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
MERCURE AIRCRAFT
RT ∞ AIRCRAFT
CARGO AIRCRAFT
PASSENGER AIRCRAFT

MERCURY (METAL)

UF LIQUID MERCURY
GS CHEMICAL ELEMENTS
MERCURY (METAL)
MERCURY ISOTOPES
MERCURY VAPOR
LIQUIDS
LIQUID METALS
MERCURY (METAL)
MERCURY VAPOR
METALS
LIQUID METALS
MERCURY (METAL)
MERCURY VAPOR

MERCURY (PLANET)

GS CELESTIAL BODIES
PLANETS
TERRESTRIAL PLANETS
MERCURY (PLANET)
RT PLANETARY CRATERS

MERCURY ALLOYS

GS ALLOYS
MERCURY ALLOYS
MERCURY AMALGAMS

MERCURY AMALGAMS

UF AMALGAMS
GS ALLOYS
MERCURY ALLOYS
MERCURY AMALGAMS

MERCURY ARCS

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
ELECTRIC ARCS
MERCURY ARCS
RT ARC LAMPS
METALLIC PLASMAS
RECTIFIERS

MERCURY CADMIUM TELLURIDES

UF CADMIUM MERCURY TELLURIDES
RT INFRARED DETECTORS
PHOTOCONDUCTIVITY
PHOTOCONDUCTORS
PHOTODIODES

MERCURY COMPOUNDS

GS **MERCURY COMPOUNDS**
MERCURY OXIDES
MERCURY TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 28 COMPOUNDS
∞ METAL COMPOUNDS

MERCURY FLIGHTS

GS SPACE FLIGHT
MANNED SPACE FLIGHT
MERCURY FLIGHTS
MERCURY MA 1 FLIGHT
MERCURY MA-2 FLIGHT
MERCURY MA-3 FLIGHT
MERCURY MA-4 FLIGHT
MERCURY MA-5 FLIGHT
MERCURY MA-6 FLIGHT
MERCURY MA-7 FLIGHT
MERCURY MA-8 FLIGHT
MERCURY MA-9 FLIGHT
MERCURY MR-1 FLIGHT
MERCURY MR-2 FLIGHT
MERCURY MR-3 FLIGHT
MERCURY MR-4 FLIGHT
RT ATLAS LAUNCH VEHICLES
MANNED SPACECRAFT
SPACE CAPSULES

MERCURY ION ENGINES

GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES

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MERCURY ION ENGINES-(CONT)
 ION ENGINES
MERCURY ION ENGINES
 RT ELECTROSTATIC ENGINES
 NUCLEAR PROPULSION
 NUCLEAR ROCKET ENGINES
 PLASMA ENGINES

MERCURY ISOTOPES
 GS CHEMICAL ELEMENTS
 MERCURY (METAL)
MERCURY ISOTOPES
 NUCLIDES
 ISOTOPES
MERCURY ISOTOPES

MERCURY LAMPS
 GS LIGHTING EQUIPMENT
 LUMINAIRES
MERCURY LAMPS
 RT LIGHT SOURCES
 PHOSPHORS
 STERILIZATION
 XENON LAMPS

MERCURY MA-1 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-1 FLIGHT
 RT ATLAS LAUNCH VEHICLES

MERCURY MA-2 FLIGHT
 UF MA-2 MISSION
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-2 FLIGHT
 RT ATLAS LAUNCH VEHICLES
 FAITH 7

MERCURY MA-3 FLIGHT
 UF MA-3 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-3 FLIGHT
 RT ATLAS LAUNCH VEHICLES

MERCURY MA-4 FLIGHT
 UF MA-4 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-4 FLIGHT
 RT ATLAS LAUNCH VEHICLES

MERCURY MA-5 FLIGHT
 UF MA-5 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-5 FLIGHT
 RT ATLAS LAUNCH VEHICLES

MERCURY MA-6 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-6 FLIGHT
 RT ATLAS LAUNCH VEHICLES
 FRIENDSHIP 7

MERCURY MA-7 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-7 FLIGHT
 RT ATLAS LAUNCH VEHICLES
 AURORA 7

MERCURY MA-8 FLIGHT
 UF MA-8 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MA-8 FLIGHT
 RT ATLAS LAUNCH VEHICLES
 SIGMA 7

MERCURY MA-9 FLIGHT
 UF MA-9 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT

MERCURY MA-9 FLIGHT-(CONT)
 MERCURY FLIGHTS
MERCURY MA-9 FLIGHT
 RT ATLAS LAUNCH VEHICLES
 FAITH 7

MERCURY MR-1 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MR-1 FLIGHT

MERCURY MR-2 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MR-2 FLIGHT

MERCURY MR-3 FLIGHT
 UF MR-3 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MR-3 FLIGHT

MERCURY MR-4 FLIGHT
 GS SPACE FLIGHT
 MANNED SPACE FLIGHT
 MERCURY FLIGHTS
MERCURY MR-4 FLIGHT

MERCURY OXIDES
 GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
MERCURY OXIDES
 MERCURY COMPOUNDS
 MERCURY OXIDES

MERCURY PROJECT
 GS PROGRAMS
 NASA PROGRAMS
MERCURY PROJECT
 NASA SPACE PROGRAMS
MERCURY PROJECT
 PROJECTS
MERCURY PROJECT
 RT APOLLO PROJECT
 ATLAS LAUNCH VEHICLES
 GEMINI PROJECT
 LITTLE JOE 2 LAUNCH VEHICLE
 MANNED SPACE FLIGHT
 MANNED SPACECRAFT

MERCURY SPACECRAFT
 GS MANNED SPACECRAFT
MERCURY SPACECRAFT
 AURORA 7
 FAITH 7
 FRIENDSHIP 7
 SIGMA 7
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
MERCURY SPACECRAFT
 AURORA 7
 FAITH 7
 FRIENDSHIP 7
 SIGMA 7
 SOFT LANDING SPACECRAFT
MERCURY SPACECRAFT
 AURORA 7
 FAITH 7
 FRIENDSHIP 7
 SIGMA 7
 SPACE CAPSULES
MERCURY SPACECRAFT
 AURORA 7
 FAITH 7
 FRIENDSHIP 7
 SIGMA 7

MERCURY TELLURIDES
 GS CHALCOGENIDES
 TELLURIDES
MERCURY TELLURIDES
 MERCURY COMPOUNDS
MERCURY TELLURIDES
 TELLURIUM COMPOUNDS
 TELLURIDES
MERCURY TELLURIDES

MERCURY VAPOR
 GS CHEMICAL ELEMENTS
 MERCURY (METAL)

MESOMETEOROLOGY

MERCURY VAPOR-(CONT)
 MERCURY VAPOR
 LIQUIDS
 LIQUID METALS
 MERCURY (METAL)
MERCURY VAPOR
 METALS
 LIQUID METALS
 MERCURY (METAL)
MERCURY VAPOR
 METAL VAPORS
MERCURY VAPOR
 VAPORS
 METAL VAPORS
MERCURY VAPOR
 RT CESIUM VAPOR
 SODIUM VAPOR

MERGING ROUTINES
 GS COMPUTER PROGRAMS
MERGING ROUTINES
 RT ROUTINES

MERIDIONAL FLOW
 GS FLUID FLOW
 GAS FLOW
 AIR FLOW
 AIR CURRENTS
MERIDIONAL FLOW
 RT ATMOSPHERIC CIRCULATION
 FLOW GEOMETRY
 WIND (METEOROLOGY)
 WIND DIRECTION

MEROMORPHIC FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
MEROMORPHIC FUNCTIONS
 ELLIPTIC FUNCTIONS
 RATIONAL FUNCTIONS
 FUNCTIONS (MATHEMATICS)
MEROMORPHIC FUNCTIONS
 ELLIPTIC FUNCTIONS
 RATIONAL FUNCTIONS

MERRITT ISLAND (FL)
 GS LANDFORMS
 ISLANDS
MERRITT ISLAND (FL)
 RT FLORIDA

MERWINITE
 GS CALCIUM COMPOUNDS
MERWINITE
 MAGNESIUM COMPOUNDS
MERWINITE
 MINERALS
MERWINITE
 SILICON COMPOUNDS
 SILICATES
MERWINITE

MESAS
 GS LANDFORMS
 TERRACES (LANDFORMS)
 PLATEAUS
MESAS
 BUTTES
 RT FLATS (LANDFORMS)
 HIGHLANDS
 MOUNTAINS

MESFETS
 USE FIELD EFFECT TRANSISTORS

MESH
 RT FABRICS
 GRIDS
 STRANDS
 WEBBING
 WEBS

MESH (MATHEMATICS)
 USE COMPUTATIONAL GRIDS

MESITYLENE
 GS HYDROCARBONS
 MESITYLENE

MESOMETEOROLOGY
 GS METEOROLOGY
MESOMETEOROLOGY
 RT AERONOMY
 LOWER ATMOSPHERE

MESON RESONANCE

MESOMETEOROLOGY-(CONT) MICROMETEOROLOGY

MESON RESONANCE

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
MESON RESONANCE
X MESONS
FERMIONS
MESON RESONANCE
NUCLEAR PARTICLES
BOSONS
MESONS
MESON RESONANCE
X MESONS
RESONANCE
MESON RESONANCE
X MESONS
RT BARYONS
HYPERONS

MESON-MESON INTERACTIONS

GS PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
MESON-MESON INTERACTIONS
RT ELECTROMAGNETIC INTERACTIONS
∞ INTERACTIONS

MESON-NUCLEON INTERACTIONS

GS PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
MESON-NUCLEON INTERACTIONS
RT CHARGED PARTICLES
∞ INTERACTIONS
MESONS
YUKAWA POTENTIAL

MESONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
HADRONS
MESONS
KAONS
MUONS
OMEGA-MESONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
NUCLEAR PARTICLES
BOSONS
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
RT BARYONS
BOSON FIELDS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
GLUONS
LEPTONS
MESON-NUCLEON INTERACTIONS
MUONIUM
POMERANCHUK THEOREM
STRANGENESS

MESOPAUSE

SN (ALTITUDE APPROXIMATELY 90 KM)
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
MESOPAUSE
ENVIRONMENTS
MESOPAUSE
RT MESOSPHERE

MESOPAUSE-(CONT) STRATOPAUSE

MESOPHILES

GS MICROORGANISMS
MESOPHILES
RT PSYCHROPHILES
THERMOPHILES

MESOSCALE PHENOMENA

GS PHENOMENOLOGY
MESOSCALE PHENOMENA
RT METEOROLOGY
WIND (METEOROLOGY)

MESOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
MESOSPHERE
ENVIRONMENTS
MESOSPHERE
RT CHEMOSPHERE
HOMOSPHERE
IONOSPHERE
MESOPAUSE
SOLAR MESOSPHERE EXPLORER
STRATOPAUSE

MESSAGE PROCESSING

RT COMMUNICATING
COMMUNICATION
CRYPTOGRAPHY
INFORMATION FLOW
MESSAGES
PACKET TRANSMISSION
∞ PROCESSING
SEMANTICS
SIGNAL PROCESSING
SIGNAL TRANSMISSION
SYMBOLS

MESSAGES

GS COMMUNICATING
INFORMATION DISSEMINATION
MESSAGES
RT COMMUNICATION THEORY
INFORMATION THEORY
INTELLIGIBILITY
MESSAGE PROCESSING
SEMANTICS
SENTENCES
SIGNAL TRANSMISSION
∞ SIGNALS
SYLLABLES
SYMBOLS
VOCODERS
WORDS (LANGUAGE)

MESSERSCHMITT ME P-160 AIRCRAFT

USE P-160 AIRCRAFT

MESSERSCHMITT ME P-308 AIRCRAFT

USE P-308 AIRCRAFT

METABOLIC DISEASES

GS DISEASES
METABOLIC DISEASES
RT METABOLISM

METABOLIC WASTES

GS WASTES
METABOLIC WASTES
HUMAN WASTES
URINE
RT ACTIVATED SLUDGE
AIR POLLUTION
CARBON DIOXIDE
COMPOSTING
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
EXPIRED AIR
LIQUID WASTES
MANURES
METABOLITES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
SEWAGE
SEWERS
SOLID WASTES
WASTE DISPOSAL

METABOLISM

GS METABOLISM

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METABOLISM-(CONT)

ADRENAL METABOLISM
ASCORBIC ACID METABOLISM
CALCIUM METABOLISM
CARBOHYDRATE METABOLISM
HYPERGLYCEMIA
HYPOGLYCEMIA
CATABOLISM
ELECTROLYTE METABOLISM
ENZYME ACTIVITY
FERMENTATION
HORMONE METABOLISMS
HYDROGEN METABOLISM
HYPOMETABOLISM
MINERAL METABOLISM
NITROGEN METABOLISM
OXYGEN METABOLISM
PHOSPHORUS METABOLISM
PROTEIN METABOLISM
LIPID METABOLISM
RT CALORIC REQUIREMENTS
ENZYMOLGY
HETEROTROPHS
HOMEOSTASIS
KREBS CYCLE
METABOLIC DISEASES
METABOLITES
NUTRITION
OBESITY
OSTEOPOROSIS
OXYGEN CONSUMPTION
RESPIRATION
SECRETIONS
THERMOREGULATION

METABOLITES

RT BIOCHEMISTRY
BIOSYNTHESIS
METABOLIC WASTES
METABOLISM
ORGANIC COMPOUNDS

METAGALAXY

USE UNIVERSE

METAL AIR BATTERIES

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
RT DRY CELLS
STORAGE BATTERIES

METAL BONDING

GS BONDING
METAL BONDING
METAL-METAL BONDING
RT ADHESION
ADHESIVE BONDING
BIMETALS
BRAZING
DIFFUSION WELDING
EXPLOSIVE WELDING
JOINTS (JUNCTIONS)
LAMINATES
RESIN BONDING
SOLDERING
WELDING

METAL COATINGS

SN (COATINGS CONSISTING OF METAL)
GS COATINGS
METAL COATINGS
GOLD COATINGS
NICKEL COATINGS
ZINC COATINGS
METALS
METAL COATINGS
ALUMINUM COATINGS
GOLD COATINGS
NICKEL COATINGS
ZINC COATINGS
RT ANODIC STRIPPING
ANTIRADAR COATINGS
CERAMIC COATINGS
CLADDING
CORROSION
CORROSION PREVENTION
DEPOSITION

METAL COATINGS-(CONT)

ELECTROLESS DEPOSITION
HOT CORROSION
ION PLATING
LACOERS
MAGNETRON SPUTTERING
METALLIZING
∞ METALLURGY
OXIDES
PAINTS
∞ PLATES
PLATING
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

METAL COMBUSTION

GS COMBUSTION
 METAL COMBUSTION
RT FUEL COMBUSTION
GAS-METAL INTERACTIONS
METALS
OXIDATION
PROPELLANT COMBUSTION
PYROPHORIC MATERIALS
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION

∞ METAL COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ∞ ALKALI METAL COMPOUNDS
ALUMINUM COMPOUNDS
AMMINES
ANTIMONY COMPOUNDS
BARIUM COMPOUNDS
BERYLLIUM COMPOUNDS
BISMUTH COMPOUNDS
CADMIUM COMPOUNDS
CALCIUM COMPOUNDS
CERIUM COMPOUNDS
CESIUM COMPOUNDS
∞ CHEMICAL COMPOUNDS
CHROMIUM COMPOUNDS
COBALT COMPOUNDS
COPPER COMPOUNDS
DYSPROSIUM COMPOUNDS
ERBIUM COMPOUNDS
EUROPIUM COMPOUNDS
GALLIUM COMPOUNDS
GERMANIUM COMPOUNDS
HAFNIUM COMPOUNDS
INDIUM COMPOUNDS
IRON COMPOUNDS
LANTHANUM COMPOUNDS
LEAD COMPOUNDS
LEAD ORGANIC COMPOUNDS
LITHIUM COMPOUNDS
LITHIUM IODATES
LUTETIUM COMPOUNDS
MAGNESIUM COMPOUNDS
MANGANESE COMPOUNDS
MERCURY COMPOUNDS
METAL FLUORIDES
METAL HALIDES
METAL HYDRIDES
METAL OXIDES
METALS
MOLYBDENUM COMPOUNDS
NEODYMIUM COMPOUNDS
NEPTUNIUM COMPOUNDS
NICKEL COMPOUNDS
NIOBIUM COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANIC TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS
OSMIUM COMPOUNDS
PLATINUM COMPOUNDS
PLUTONIUM COMPOUNDS
POTASSIUM COMPOUNDS
PROTACTINIUM COMPOUNDS
RARE EARTH COMPOUNDS
REFRACTORY MATERIALS
RHENIUM COMPOUNDS
RUBIDIUM COMPOUNDS
RUTHENIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SILVER COMPOUNDS
SODIUM COMPOUNDS
STRONTIUM COMPOUNDS
TANTALUM COMPOUNDS

METAL COMPOUNDS-(CONT)

TECHNETIUM COMPOUNDS
THALLIUM COMPOUNDS
THORIUM COMPOUNDS
THULIUM COMPOUNDS
TIN COMPOUNDS
TITANIUM COMPOUNDS
TUNGSTEN COMPOUNDS
URANIUM COMPOUNDS
VANADIUM COMPOUNDS
VANADYL COMPOUNDS
YTTERBIUM COMPOUNDS
YTTRIUM COMPOUNDS
ZINC COMPOUNDS
ZIRCONIUM COMPOUNDS

METAL CORROSION

USE CORROSION

METAL CRYSTALS

GS CRYSTALS
 METAL CRYSTALS
METALS
RT **METAL CRYSTALS**
CRYSTAL LATTICES
CRYSTAL STRUCTURE
METALLOGRAPHY

METAL CUTTING

GS CUTTING
 METAL CUTTING
RT COUNTERSINKING
GRINDING (MATERIAL REMOVAL)
KNURLING
LASER CUTTING
MACHINE TOOLS
MACHINING
MELTING
MILLING (MACHINING)
PERFORATING
PLANING
PLASMA ARC CUTTING
SCARFING
SHEARING
SLICING
SPARK MACHINING
SPIKING

METAL DRAWING

GS FORMING TECHNIQUES
 METAL DRAWING
METAL WORKING
 METAL DRAWING
RT BULGING
BUNDLE DRAWING
COLD DRAWING
COLD WORKING
∞ DRAWING
DUCTILITY
HOT WORKING
MAGNETIC FORMING
STRETCH FORMING

METAL FATIGUE

GS FATIGUE (MATERIALS)
 METAL FATIGUE
RT BENDING FATIGUE
COFFIN-MANSON LAW
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
FRACTURING
GRAIN SIZE
INELASTIC STRESS
RETIREMENT FOR CAUSE
RUPTURING
S-N DIAGRAMS
SEGREGATION CHARACTERISTIC
STRESS CORROSION
STRESS CORROSION CRACKING
THERMAL FATIGUE
TRANSGRANULAR CORROSION

METAL FIBERS

GS FIBERS
 METAL FIBERS
RT BORSIC (TRADENAME)
FIBER COMPOSITES
FILAMENT WINDING
REINFORCING FIBERS

METAL FILMS

GS METALS
 METAL FILMS
RT COATINGS

METAL FILMS-(CONT)

∞ FILMS
METALLIZING
NICKEL COATINGS
PHOTOTHERMAL CONVERSION
PICKLING (METALLURGY)
SPUTTERING GAGES
THIN FILMS

METAL FINISHING

GS **METAL FINISHING**
ELECTROPOLISHING
PEENING
SHOT PEENING
RT CLEANING
COATING
COATINGS
DESCALING
PICKLING (METALLURGY)
PLATING
SURFACE FINISHING

METAL FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
 METAL FLUORIDES
ALUMINUM FLUORIDES
BERYLLIUM FLUORIDES
CADMIUM FLUORIDES
CALCIUM FLUORIDES
CESIUM FLUORIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER FLUORIDES
LANTHANUM FLUORIDES
LITHIUM FLUORIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
PLUTONIUM FLUORIDES
PROTACTINIUM FLUORIDES
SODIUM FLUORIDES
STRONTIUM FLUORIDES
THORIUM FLUORIDES
TUNGSTEN FLUORIDES
URANIUM FLUORIDES
ZINC FLUORIDES
RT ∞ METAL COMPOUNDS

METAL FOAMS

GS FOAMS
 METAL FOAMS
RT BUBBLES
FOAMING
LOW GRAVITY MANUFACTURING
∞ MATERIALS SCIENCE
MELTING
∞ METALLURGY
SPACE PROCESSING APPLICATIONS
ROCKET

METAL FOILS

GS FOILS (MATERIALS)
 METAL FOILS
METALS
 METAL FOILS
RT HONEYCOMB STRUCTURES
MULTILAYER INSULATION
∞ SHEETS

METAL FORGING

USE FORGING

METAL FORMING

USE FORMING TECHNIQUES
METAL WORKING

METAL FUELS

GS FUELS
 METAL FUELS
RT ALUMINUM COMPOUNDS
BERYLLIUM COMPOUNDS
BORON COMPOUNDS
CESIUM COMPOUNDS
GELLED PROPELLANTS
HYBRID PROPELLANTS
LITHIUM COMPOUNDS
METALS
SLURRY PROPELLANTS
SOLID PROPELLANTS

METAL GRINDING

GS GRINDING (MATERIAL REMOVAL)
 METAL GRINDING

METAL HALIDES

METAL GRINDING-(CONT)

RT FORMING TECHNIQUES
GRINDING MACHINES
SURFACE FINISHING

METAL HALIDES

GS HALOGEN COMPOUNDS
HALIDES

METAL HALIDES

ALKALI HALIDES

CESIUM HALIDES
CESIUM BROMIDES
CESIUM FLUORIDES
CESIUM IODIDES
POTASSIUM IODIDES
SODIUM BROMIDES
SODIUM CHLORIDES
SODIUM FLUORIDES
SODIUM IODIDES

ALUMINUM CHLORIDES
ALUMINUM FLUORIDES
BARIUM FLUORIDES
BERYLLIUM CHLORIDES
BERYLLIUM FLUORIDES
CADMIUM CHLORIDES
CADMIUM FLUORIDES
CALCIUM CHLORIDES
CALCIUM FLUORIDES

FLUORSPAR
CHROMIUM BROMIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER CHLORIDES
COPPER FLUORIDES
HAFNIUM IODIDES
IRON CHLORIDES

LANTHANUM CHLORIDES
LANTHANUM FLUORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
LITHIUM FLUORIDES
MAGNESIUM BROMIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
NIOBIUM IODIDES
PLUTONIUM FLUORIDES
POTASSIUM BROMIDES
POTASSIUM CHLORIDES
PROTACTINIUM FLUORIDES

SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES
STRONTIUM BROMIDES
STRONTIUM FLUORIDES
TECHNETIUM FLUORIDES
THORIUM FLUORIDES
TITANIUM CHLORIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES

URANIUM FLUORIDES
ZINC CHLORIDES
ZINC FLUORIDES
ZIRCONIUM IODIDES

RT ∞ METAL COMPOUNDS

METAL HARDENING

USE HARDENING (MATERIALS)

METAL HYDRIDES

UF PLUMBANE
GS HYDROGEN COMPOUNDS
HYDRIDES

METAL HYDRIDES

ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES

RT ∞ METAL COMPOUNDS

METAL INSULATOR SEMICONDUCTORS

USE MIS (SEMICONDUCTORS)

METAL IONS

GS IONS

CATIONS

METAL IONS

FERRIC IONS
MANGANESE IONS
VANADYL RADICAL

METAL IONS-(CONT)

PARTICLES
CHARGED PARTICLES
CATIONS

METAL IONS

FERRIC IONS
MANGANESE IONS

RT BARIUM ION CLOUDS
ION IMPLANTATION
ION PLATING
POSITIVE IONS

METAL JOINTS

GS JOINTS (JUNCTIONS)

METAL JOINTS

SOLDERED JOINTS
WELDED JOINTS
SPOT WELDS

RT BUTT JOINTS
EXPLOSIVE WELDING
LAP JOINTS
RIVETED JOINTS
SEAMS (JOINTS)

METAL MATRIX COMPOSITES

GS COMPOSITE MATERIALS

METAL MATRIX COMPOSITES

BORSIC (TRADENAME)
EUTECTIC COMPOSITES

METALS

METAL MATRIX COMPOSITES

MIXTURES

METAL MATRIX COMPOSITES

BORSIC (TRADENAME)

RT BORON FIBERS
ELECTRODEPOSITION
FIBER COMPOSITES
FIBERS
∞ MATERIALS
∞ MATRICES
MATRIX MATERIALS
MONOTECTIC ALLOYS
PLASMA SPRAYING
POWDER METALLURGY
REINFORCING FIBERS
RESIN MATRIX COMPOSITES
WHISKER COMPOSITES

METAL NITRIDES

GS NITROGEN COMPOUNDS

NITRIDES

RT ALUMINUM NITRIDES
BERYLLIUM NITRIDES
TANTALUM NITRIDES
TITANIUM NITRIDES
TRANSITION METALS
ZIRCONIUM NITRIDES

METAL OXIDE SEMICONDUCTORS

UF MOS (SEMICONDUCTORS)

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES

METAL OXIDE SEMICONDUCTORS

CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
CHARGE INJECTION DEVICES
CMOS

SOS (SEMICONDUCTORS)

SEMICONDUCTORS (MATERIALS)

METAL OXIDE SEMICONDUCTORS

CHARGE TRANSFER DEVICES

CMOS

SOS (SEMICONDUCTORS)

RT CAPACITANCE-VOLTAGE
CHARACTERISTICS
ION IMPLANTATION
RECTIFIERS

METAL OXIDES

GS CHALCOGENIDES

OXIDES

METAL OXIDES

ALKALINE EARTH OXIDES

BARIUM OXIDES

BERYLLIUM OXIDES

CALCIUM OXIDES

MAGNESIUM OXIDES

PERICLASE

ALUMINUM OXIDES

SAPPHIRE

BISMUTH OXIDES

CESIUM OXIDES

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METAL OXIDES-(CONT)

CHROMIUM OXIDES
CHROMITES
COBALT OXIDES
COPPER OXIDES
HAFNIUM OXIDES
IRON OXIDES
CHROMITES
HEMATITE
ILMENITE
MAGNETITE
LANTHANUM OXIDES
LEAD OXIDES
LITHIUM OXIDES
MANGANESE OXIDES
HOPCALITE (TRADEMARK)
MERCURY OXIDES
MIXED OXIDES
MOLYBDENUM OXIDES
NICKEL OXIDES
NIOBIUM OXIDES
PLATINUM OXIDES
PLUTONIUM OXIDES
POTASSIUM OXIDES
SCANDIUM OXIDES
SILVER OXIDES
SODIUM PEROXIDES
TANTALUM OXIDES
THORIUM OXIDES
TIN OXIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
TUNGSTEN OXIDES
SCHEELITE
URANIUM OXIDES
VANADIUM OXIDES
YTTRIUM OXIDES
ZINC OXIDES
ZIRCONIUM OXIDES

RT CATHODIC COATINGS

∞ METAL COMPOUNDS
OXIDE FILMS
VANADATES

METAL PARTICLES

GS PARTICLES

METAL PARTICLES

PLATINUM BLACK
POWDERED ALUMINUM
RT POWDER METALLURGY
SCRAP
SPUTTERING

METAL PLATES

UF PLATE (METAL)

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
METAL PLATES
BOILER PLATE

RT ARMOR
BARS
BILLETS
FLANGES
FLAT PLATES
GIRDER WEBS
PARALLEL PLATES
∞ PLATES
RECTANGULAR PLATES
SLABS
THICK PLATES
THIN PLATES

METAL POLISHING

UF POLISHED METALS

GS POLISHING

METAL POLISHING

ELECTROPOLISHING
RT CLEANING
SURFACE FINISHING

METAL POWDER

UF POWDERED METALS

GS METALS

METAL POWDER

PLATINUM BLACK
POWDERED ALUMINUM
RT ATOMIZING
BEARING ALLOYS
COMMUNION
COMPRESSIBILITY
COMPRESSING
ELECTRODEPOSITION
FLAKES

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METALLIC STARS

METAL POWDER-(CONT)

MIXING
PARTICLES
POROUS MATERIALS
POWDER METALLURGY
REDUCTION (CHEMISTRY)
SINTERING
SIZE SEPARATION

METAL PROPELLANTS

GS FUELS
SOLID ROCKET PROPELLANTS
METAL PROPELLANTS
PROPELLANTS
ROCKET PROPELLANTS
SOLID ROCKET PROPELLANTS
METAL PROPELLANTS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS
METAL PROPELLANTS
ALUMINUM COMPOUNDS
BERYLLIUM COMPOUNDS
BORON COMPOUNDS
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
HYBRID PROPELLANTS
MONOPROPELLANTS
SLURRY PROPELLANTS

METAL SHEETS

UF SHEET METAL
RT PLATES (STRUCTURAL MEMBERS)
∞ SHEETS

METAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
METAL SHELLS
RT CIRCULAR SHELLS
CYLINDRICAL SHELLS
HEMISPHERICAL SHELLS
HULLS (STRUCTURES)
MEMBRANE STRUCTURES
ORTHOTROPIC SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
SPHERICAL SHELLS
THIN WALLED SHELLS
TOROIDAL SHELLS

METAL SPINNING

UF SPIN FORGING
SPINNING (METALLURGY)
GS FORMING TECHNIQUES
METAL SPINNING
HYDROSPINNING
METAL WORKING
METAL SPINNING
HYDROSPINNING
SPIN
METAL SPINNING
HYDROSPINNING
RT COLD WORKING
EXTRUDING
HOT WORKING

METAL SPRAYING

GS SPRAYING
METAL SPRAYING
RT ARC SPRAYING
COATING
COATINGS
FLAME SPRAYING
METALLIZING
SURFACE FINISHING

METAL STRIPS

RT BILLETS
RIBBONS
STRAKES
∞ STRIP

METAL SURFACES

RT CRACK INITIATION
CRYSTAL SURFACES
EROSION
GAS-SOLID INTERFACES
LIQUID-SOLID INTERFACES
OXIDE FILMS
SOLID SURFACES
SURFACE FINISHING
SURFACE PROPERTIES
SURFACE REACTIONS
∞ SURFACES

METAL VAPOR LASERS

GS STIMULATED EMISSION DEVICES
LASERS
RT METAL VAPOR LASERS
LASER MATERIALS
LASER MICROSCOPY
OPTICAL PUMPING

METAL VAPORS

GS METALS
METAL VAPORS
MERCURY VAPOR
SODIUM VAPOR
VAPORS
METAL VAPORS
MERCURY VAPOR
SODIUM VAPOR
RT ALKALI METALS
ALKALI VAPOR LAMPS
GAS-METAL INTERACTIONS
HEAT TRANSFER
LIQUID METALS
VAPOR DEPOSITION

METAL WHISKER REINFORCEMENT

USE WHISKER COMPOSITES

METAL WORKING

SN (METAL DEFORMATION FOR CHANGING
SHAPE AND FOR
PROPERTIES-EXCLUDES CASTING,
CUTTING, DEPOSITION PROCESS AND
MACHINING)
UF METAL FORMING
GS METAL WORKING
AUSFORMING
BULGING
CLADDING
COINING
EXPLOSIVE FORMING
FORGING
HYDROFORMING
MAGNETIC FORMING
METAL DRAWING
METAL SPINNING
HYDROSPINNING
SIZING (SHAPING)
RT BRAKES (FORMING OR BENDING)
∞ BREAKDOWN
CASTING
COLD PRESSING
COLD ROLLING
COLD WORKING
DECARBURIZATION
DEEP DRAWING
DIMPLING
ELECTROHYDRAULIC FORMING
ELECTROMAGNETIC HAMMERS
EXPLOSIVE WELDING
EXTRUDING
FLATTENING
FORMING TECHNIQUES
HARDENING (MATERIALS)
HOT PRESSING
HOT WORKING
LASER APPLICATIONS
LEVELING
MACHINING
MALLEABILITY
∞ METALLURGY
PEENING
PERFORATING
PIERCING
PLASMA ARC CUTTING
PRESSING (FORMING)
PYROMETALLURGY
∞ REDUCTION
ROLL FORMING
∞ ROLLING
SHEARING
SHOT PEENING
STAMPING
STRETCH FORMING
STRETCHING
SWAGING
TEMPERING
WINDING
WORK HARDENING

METAL-BARRIER-METAL JUNCTIONS

USE MBM JUNCTIONS

METAL-GAS SYSTEMS

RT GAS LUBRICANTS
GAS-METAL INTERACTIONS

METAL-GAS SYSTEMS-(CONT)

GASES
METALS
∞ SYSTEMS
VAPOR PHASES

METAL-INSULATOR-METAL DIODES

USE MIM DIODES

METAL-INSULATOR-METAL SEMICONDUCTORS

USE MIM (SEMICONDUCTORS)

METAL-METAL BONDING

GS BONDING
METAL BONDING
RT METAL-METAL BONDING
ADHESIVE BONDING
ADHESIVES
DIFFUSION WELDING
EXPLOSIVE WELDING
INERTIA BONDING
RESIN BONDING
SOLDERING
WELDING

METAL-NITRIDE-OXIDE-SEMICONDUCTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
METAL-NITRIDE-OXIDE-SEMICONDUCT
ORS
SEMICONDUCTORS (MATERIALS)
METAL-NITRIDE-OXIDE-SEMICONDUCT
ORS
RT CHIPS (MEMORY DEVICES)

METAL-NITRIDE-OXIDE-SILICON

UF MNOS
GS SEMICONDUCTORS (MATERIALS)
METAL-NITRIDE-OXIDE-SILICON

METAL-OXIDE-METAL SEMICONDUCTORS

USE MOM (SEMICONDUCTORS)

METAL-WATER REACTIONS

GS CHEMICAL REACTIONS
METAL-WATER REACTIONS
RT CORROSION
ELECTROCHEMICAL CORROSION
EROSION
PITTING
RUSTING
SURFACE REACTIONS

METALLIC GLASSES

GS GLASS
METALLIC GLASSES
RT GLASS COATINGS
GLASS FIBERS
OPTICAL PROPERTIES
SILICON DIOXIDE
SPIN GLASS
VITREOUS MATERIALS

METALLIC HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ISOTOPES
METALLIC HYDROGEN
RT CRITICAL TEMPERATURE
SOLID PHASES
SOLID STATE
SOLIDIFIED GASES
SOLIDS

METALLIC PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
METALLIC PLASMAS
CESIUM PLASMA
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
METALLIC PLASMAS
CESIUM PLASMA
RT ELECTRON PLASMA
MERCURY ARCS
PLASMA SHEATHS

METALLIC STARS

GS CELESTIAL BODIES
STARS
METALLIC STARS

METALLICITY

METALLIC STARS-(CONT)

RT ABUNDANCE
CHEMICAL COMPOSITION
METALLICITY
STELLAR ATMOSPHERES
STELLAR STRUCTURE

METALLICITY

RT ABUNDANCE
CHEMICAL ANALYSIS
CHEMICAL COMPOSITION
GALACTIC CLUSTERS
GALAXIES
GLOBULAR CLUSTERS
HYDROGEN
INTERSTELLAR MATTER
MASS RATIOS
METALLIC STARS
METALS
SPECTROSCOPIC ANALYSIS
STAR CLUSTERS
STARS

METALLIZING

GS COATING
METALLIZING
COATINGS
RT METALLIZING
CLADDING
ELECTROPLATING
FINISHES
FLAME SPRAYING
LAMINATES
METAL COATINGS
METAL FILMS
METAL SPRAYING
PLATING
SPRAYING
SUBSTRATES
VAPOR DEPOSITION

METALLOGRAPHY

RT ABRASION
ALLOYS
ANISOTROPY
CRYSTAL LATTICES
CRYSTALLOGRAPHY
ELECTROPOLISHING
ETCHING
FERROGRAPHY
INCLUSIONS
ISOTROPY
∞ MATERIALS TESTS
METAL CRYSTALS
∞ METALLURGY
METALS
MICROPOROSITY
MICROSCOPES
MICROSTRUCTURE
MUSHY ZONES
ORDER-DISORDER TRANSFORMATIONS
PHOTOMICROGRAPHY
POLISHING
RADIOGRAPHY
REPLICAS
SOLID SUSPENSIONS
TIME TEMPERATURE PARAMETER
VIBRATORY POLISHING
WIDMANSTATTEN STRUCTURE
X RAY DIFFRACTION

METALLOIDS

UF SEMIMETALS
GS CHEMICAL ELEMENTS
METALLOIDS
ANTIMONY
ANTIMONY ISOTOPES
ARSENIC
ARSENIC ISOTOPES
BORON
BORON ISOTOPES
BORON 10
GERMANIUM
GERMANIUM ISOTOPES
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
SILICON
SILICON ISOTOPES
TELLURIUM
TELLURIUM ISOTOPES
RT ALLOYS
ARSENIC ALLOYS

METALLOIDS-(CONT)

BORON ALLOYS
INTERMETALLICS
METALS
ORGANOMETALLIC COMPOUNDS
SEMICONDUCTORS (MATERIALS)

METALLORGANIC COMPOUNDS

USE ORGANOMETALLIC COMPOUNDS

METALLOSILOXANE POLYMER

RT ORGANOMETALLIC COMPOUNDS
∞ POLYMERS

METALLOXANE POLYMER

GS ORGANOMETALLIC COMPOUNDS
METALLOXANE POLYMER
RT ∞ POLYMERS

∞ METALLURGY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ALLOYS
BENEFICIATION
CASTING
COATING
COATINGS
CORROSION
CRYSTALLOGRAPHY
DUPLEX OPERATION
FERROUS METALS
FOUNDRIES
FRACTOGRAPHY
FURNACES
HARDENING (MATERIALS)
HEAT TREATMENT
HYDROMETALLURGY
LEVITATION MELTING
LIGHT ALLOYS
MECHANICAL PROPERTIES
MELT SPINNING
MELTING
METAL COATINGS
METAL FOAMS
METAL WORKING
METALLOGRAPHY
METALS
NONFERROUS METALS
∞ PHYSICAL SCIENCES
POWDER METALLURGY
PYROMETALLURGY
RAPID QUENCHING (METALLURGY)
RECRYSTALLIZATION,
∞ SCIENCE
SMELTING
THERMOMECHANICAL TREATMENT

METALS

UF MAGNETIC METALS
GS METALS
ACTINIDE SERIES
ACTINIUM
RADIUM
RADIUM ISOTOPES
RADIUM 226
THORIUM
THORIUM ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
URANIUM

NASA THESAURUS (VOLUME 1)

METALS-(CONT)

URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
URANIUM PLASMAS
ALKALI METALS
CESIUM
CESIUM ISOTOPES
CESIUM 133
CESIUM 134
CESIUM 137
CESIUM 144
CESIUM VAPOR
FRANCIUM
LITHIUM
LIQUID LITHIUM
LITHIUM ISOTOPES
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
SODIUM VAPOR
ALKALINE EARTH METALS
BARIUM ISOTOPES
ALUMINUM
ALUMINUM ISOTOPES
ALUMINUM 26
ALUMINUM 27
POWDERED ALUMINUM
SINTERED ALUMINUM POWDER
ANTIMONY ISOTOPES
ASTATINE
ASTATINE ISOTOPES
BARIUM
BARIUM ISOTOPES
BERYLLIUM
BERYLLIUM ISOTOPES
BERYLLIUM 7
BERYLLIUM 9
BERYLLIUM 10
BISMUTH
BISMUTH ISOTOPES
CALCIUM
CALCIUM ISOTOPES
COPPER ISOTOPES
FERROUS METALS
GALLIUM
GALLIUM ISOTOPES
INDIUM
INDIUM ISOTOPES
LEAD (METAL)
LEAD ISOTOPES
LIQUID METALS
LIQUID LITHIUM
LIQUID POTASSIUM
LIQUID SODIUM
MERCURY (METAL)
MERCURY VAPOR
MAGNESIUM
MAGNESIUM ISOTOPES
METAL COATINGS
ALUMINUM COATINGS
GOLD COATINGS
NICKEL COATINGS
ZINC COATINGS
METAL CRYSTALS
METAL FILMS
METAL FOILS
METAL MATRIX COMPOSITES
METAL POWDER
PLATINUM BLACK
POWDERED ALUMINUM
METAL VAPORS
MERCURY VAPOR
SODIUM VAPOR
NOBLE METALS
GOLD
GOLD ISOTOPES
GOLD 198
RUTHENIUM
RUTHENIUM ISOTOPES
SILVER
SILVER ISOTOPES

METALS-(CONT)

NONFERROUS METALS
 PROTACTINIUM
 PROTACTINIUM ISOTOPES
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 DYSPROSIUM
 DYSPROSIUM ISOTOPES
 ERBIUM
 ERBIUM ISOTOPES
 EUROPIUM
 EUROPIUM ISOTOPES
 GADOLINIUM
 GADOLINIUM ISOTOPES
 HOLMIUM
 HOLMIUM ISOTOPES
 LANTHANUM
 LANTHANUM ISOTOPES
 LUTETIUM
 LUTETIUM ISOTOPES
 NEODYMIUM
 NEODYMIUM ISOTOPES
 PRASEODYMIUM
 PRASEODYMIUM ISOTOPES
 PROMETHIUM
 PROMETHIUM ISOTOPES
 SAMARIUM
 SAMARIUM ISOTOPES
 SCANDIUM
 SCANDIUM ISOTOPES
 TERBIUM
 TERBIUM ISOTOPES
 THULIUM
 THULIUM ISOTOPES
 YTTERBIUM
 YTTERBIUM ISOTOPES
 YTTRIUM
 YTTRIUM ISOTOPES
 STRONTIUM
 STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 THALLIUM
 THALLIUM ISOTOPES
 TIN
 TIN ISOTOPES
 TRANSITION METALS
 CADMIUM
 CADMIUM ISOTOPES
 COBALT
 COBALT ISOTOPES
 COBALT 58
 COBALT 60
 GOLD
 GOLD ISOTOPES
 GOLD 198
 HAFNIUM
 HAFNIUM ISOTOPES
 IRON
 IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 MANGANESE
 MANGANESE ISOTOPES
 NICKEL
 NICKEL ISOTOPES
 PALLADIUM
 PLATINUM
 PLATINUM BLACK
 PLATINUM ISOTOPES
 REFRACTORY METALS
 CHROMIUM
 CHROMIUM ISOTOPES
 IRIDIUM
 IRIDIUM ISOTOPES
 MOLYBDENUM
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
 OSMIUM
 OSMIUM ISOTOPES
 RHENIUM
 RHENIUM ISOTOPES
 TANTALUM
 TANTALUM ISOTOPES
 TUNGSTEN
 TUNGSTEN ISOTOPES
 RHODIUM
 RHODIUM ISOTOPES
 RUTHENIUM

METALS-(CONT)

RUTHENIUM ISOTOPES
 SCANDIUM
 SCANDIUM ISOTOPES
 SILVER
 SILVER ISOTOPES
 TECHNETIUM
 TECHNETIUM ISOTOPES
 TITANIUM
 TITANIUM ISOTOPES
 VANADIUM
 VANADIUM ISOTOPES
 YTTRIUM
 YTTRIUM ISOTOPES
 ZINC
 ZINC ISOTOPES
 ZIRCONIUM
 ZIRCONIUM ISOTOPES
 ZIRCONIUM 95
 ULTRAPURE METALS
 RT ALLOYS
 ANTIMONY
 ARSENIC
 ARSENIC ISOTOPES
 BIMETALS
 BORSIC (TRADENAME)
 CHEMICAL ELEMENTS
 COMPOSITE MATERIALS
 CONDUCTORS
 EUTECTIC COMPOSITES
 GADOLINIUM ALLOYS
 INTERMETALLICS
 ISOTOPES
 LIGHT ALLOYS
 LIQUID ALLOYS
 METAL COMBUSTION
 ∞ METAL COMPOUNDS
 METAL FUELS
 METAL-GAS SYSTEMS
 METALLICITY
 METALLOGRAPHY
 METALLOIDS
 ∞ METALLURGY
 MONOTECTIC ALLOYS
 PALLADIUM COMPOUNDS
 POLONIUM
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 STRATEGIC MATERIALS
 SYNTECTIC ALLOYS

METAMORPHISM (GEOLOGY)

RT CONTACTS (GEOLOGY)
 PHASE TRANSFORMATIONS
 ROCKS

METASTABILITY

USE METASTABLE STATE

METASTABLE ATOMS

GS ATOMS
 ∞ METASTABLE ATOMS
 RT PENNING EFFECT

METASTABLE STATE

UF METASTABILITY
 RT EXCITATION
 RADIATION TRAPPING
 STABILITY
 STEADY STATE
 UNSTEADY STATE

METATHESIS

RT ELECTROLYSIS
 ION EXCHANGING

METAZOA

USE ANIMALS

METEOR BURSTS

USE METEOROID SHOWERS

METEOR CRATERS

USE CRATERS

METEOR HAZARDS

USE METEOROID HAZARDS

METEOR TRAILS

UF METEORITIC IONIZATION
 RT BOLIDES
 EARTH ATMOSPHERE

METEOR TRAILS-(CONT)

METEOROID SHOWERS
 METEORIODS
 MICROMETEORIODS
 ∞ PATHS
 PRIBRAM METEORITE
 RADIO METEORS
 SCATTER PROPAGATION
 SPORADIC METEORIODS
 ∞ TRACKS
 UPPER ATMOSPHERE

METEOR 1 ROCKET VEHICLE

GS ROCKET VEHICLES
 ∞ METEOR 1 ROCKET VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 RAMJET ENGINES
 SOLID PROPELLANT ROCKET ENGINES

METEORITE COLLISIONS

GS COLLISIONS
 ∞ METEORITE COLLISIONS
 RT HYPERVELOCITY IMPACT
 METEORITIC DAMAGE
 METEOROID HAZARDS
 SHATTER CONES

METEORITE COMPRESSION TESTS

USE COMPRESSION TESTS
 MECHANICAL PROPERTIES
 METEORITES

METEORITE CRATERS

UF FOSSIL METEORITE CRATERS
 METEOROID CRATERS
 GS CRATERS
 ∞ METEORITE CRATERS
 RT CANADIAN SHIELD
 CRATERING
 EJECTA
 LUNAR CRATERS
 LUNAR RAYS
 MARIA
 MARS CRATERS
 MARS SURFACE
 METEORITES
 METEORITIC DAMAGE
 PLANETARY CRATERS
 PROJECTILE CRATERING
 PTOLEMAEUS CRATER
 SHATTER CONES
 TUNGUSK METEORITE
 TYCHO CRATER

METEORITES

SN (METEORIODS WHICH HAVE REACHED
 THE SURFACE OF AN ASTEROID,
 NATURAL SATELLITE OR PLANET)
 UF METEORITE COMPRESSION TESTS
 GS CELESTIAL BODIES
 ∞ METEORITES
 HARLETON METEORITE
 IRON METEORITES
 AROOS METEORITE
 ODESSA METEORITE
 SIKHOTE-LIN METEORITE
 LAZAREV METEORITE
 MICROMETEORITES
 OKHANSK METEORITE
 STONY METEORITES
 ACHONDRITES
 BONDOC METEORITE
 KAPOETA ACHONDRITE
 NORTON COUNTY ACHONDRITE
 CHONDRITES
 BRUDERHEIM METEORITE
 CARBONACEOUS CHONDRITES
 ALLENDE METEORITE
 MURCHISON METEORITE
 CARBONACEOUS METEORITES
 ALAIS METEORITE
 COLD BOKKEVELD METEORITE
 IVUNA METEORITE
 MURRAY METEORITE
 ORGUEIL METEORITE
 TONK METEORITE
 HVITTIS CHONDRITE
 PANTAR CHONDRITES
 PRIBRAM METEORITE
 TEKTITES
 AUSTRALITES
 BEDIASITES
 TUNGUSK METEORITE
 RT BOLIDES
 COESITE

METEORITIC COMPOSITION

METEORITES-(CONT.)

FOREIGN BODIES
IMPACT MELTS
METEORITE CRATERS
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
METEOROID SHOWERS
METEORIDS
MICROMETEORIDS
MOLDAVITE

METEORITIC COMPOSITION

GS COMPOSITION (PROPERTY)
METEORITIC COMPOSITION
RT CARBONACEOUS METEORITES
COSMOCHEMISTRY
IRON METEORITES
KAMACITE
METEORITES
SCHREIBERSITE
STONY METEORITES
TEKTITES
TROLITE

METEORITIC DAMAGE

GS DAMAGE
IMPACT DAMAGE
METEORITIC DAMAGE
RT ∞ BOMBARDMENT
CRATERING
EJECTA
HYPERVELOCITY IMPACT
MARS CRATERS
METEORITE COLLISIONS
METEORITE CRATERS
METEOROID HAZARDS
METEOROID PROTECTION
PROJECTILE CRATERING

METEORITIC DIAMONDS

GS DIAMONDS
METEORITIC DIAMONDS

METEORITIC DUST

USE MICROMETEORIDS

METEORITIC IONIZATION

USE ATMOSPHERIC IONIZATION
METEOR TRAILS

METEORITIC MICROSTRUCTURES

GS MICROSTRUCTURE
METEORITIC MICROSTRUCTURES
RT IRON METEORITES
METEORITES
STONY METEORITES
TEKTITES
WIDMANSTATTEN STRUCTURE

METEOROID CONCENTRATION

GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
METEOROID CONCENTRATION
DENSITY (NUMBER/VOLUME)
METEOROID CONCENTRATION
RT FLUX DENSITY
MASS DISTRIBUTION
SPATIAL DISTRIBUTION
SPORADIC METEORIDS

METEOROID CRATERS

USE METEORITE CRATERS

METEOROID DUST CLOUDS

GS CELESTIAL BODIES
METEORIDS
MICROMETEORIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
DUST
COSMIC DUST
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
MEDIA
INTERPLANETARY MEDIUM
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
RT CLOUDS
EXPLORER SATELLITES
TERRESTRIAL DUST BELT

METEOROID HAZARDS

UF METEOR HAZARDS
GS HAZARDS
FLIGHT HAZARDS
METEOROID HAZARDS
RT METEORITE COLLISIONS
METEORITIC DAMAGE
METEORIDS
OPERATIONAL HAZARDS
PROJECTILE CRATERING

METEOROID PROTECTION

GS PROTECTION
METEOROID PROTECTION
RT BUMPERS
IMPACT DAMAGE
METEORITIC DAMAGE
SPACECRAFT SHIELDING
SPACECRAFT STRUCTURES

METEOROID SHOWERS

UF METEOR BURSTS
GS CELESTIAL BODIES
METEOROID SHOWERS
AQUARID METEORIDS
ARIETID METEORIDS
CYRILLID METEORIDS
DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
TAURID METEORIDS
RT ASTRONOMY
BOLIDES
COMETS
METEOR TRAILS
METEORITES
METEORIDS
∞ SHOWERS

METEOROID TECHNOLOGY SATELLITE

USE EXPLORER 46 SATELLITE

METEORIDS

SN (SOLID OBJECTS IN SPACE, MUCH
SMALLER THAN AN ASTEROID AND
MUCH LARGER THAN A MOLECULE)
UF METEORS
GS CELESTIAL BODIES
METEORIDS
AQUARID METEORIDS
ARIETID METEORIDS
BOLIDES
CYRILLID METEORIDS
DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
MICROMETEORIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
RADIO METEORS
SPORADIC METEORIDS
TAURID METEORIDS
RT ASTEROID BELTS
ASTEROIDS
BUMPERS
CHIRON
COMETS
COSMIC DUST
HYPERVELOCITY PROJECTILES
INTERPLANETARY DUST
INTERPLANETARY MEDIUM
METEOR TRAILS
METEORITES
METEOROID HAZARDS
METEOROID SHOWERS
MICROMETEORITES
NATURAL SATELLITES
PARTICLE TRACKS
RADIATION METEOROID SPACECRAFT
SOLAR SYSTEM
SPACE DEBRIS
TEMPEL 2 COMET
TORO ASTEROID
VESTA ASTEROID

METEOROLOGICAL BALLOONS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS

NASA THESAURUS (VOLUME 1)

METEOROLOGICAL BALLOONS-(CONT.)

METEOROLOGICAL BALLOONS
JIMSPHERE BALLOONS
ROBIN BALLOONS
RT DROPSONDES
HIGH ALTITUDE BALLOONS
RADIOSONDES
RAWINSONDES
ROCKOONS
SKYHOOK BALLOONS
SOUNDING
SUPERPRESSURE BALLOONS
TETHERED BALLOONS
UPPER ATMOSPHERE
WEATHER FORECASTING

METEOROLOGICAL CHARTS

UF WEATHER CHARTS
WEATHER MAPS
GS CHARTS
METEOROLOGICAL CHARTS
MAPS
METEOROLOGICAL CHARTS
RT ISOBARS (PRESSURE)
RADAR MAPS
SYNOPTIC METEOROLOGY

METEOROLOGICAL FLIGHT

RT AERIAL RECONNAISSANCE
BALLOON FLIGHT
∞ FLIGHT
ICE REPORTING
ROCKET FLIGHT
SIRS B SATELLITE
SOUNDING
SPACE FLIGHT
WEATHER FORECASTING

METEOROLOGICAL INSTRUMENTS

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
BAROMETERS
CLOUD HEIGHT INDICATORS
DROPSONDES
RADIOMETEOROGRAPHS
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RAIN GAGES
WEATHER DATA RECORDERS
WIND VANES
RT ANEMOMETERS
BALLOON-BORNE INSTRUMENTS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
HUMIDITY MEASUREMENT
HYGROMETERS
HYPSOMETERS
∞ INSTRUMENTS
LIGHT SCATTERING METERS
METEOROLOGY
NEPHANALYSIS
PSYCHROMETERS
RECORDING INSTRUMENTS
ROCKET-BORNE INSTRUMENTS
SIRS B SATELLITE
SODAR
SOUND DETECTING AND RANGING
SOUNDING ROCKETS
TRANSDUCERS
WEATHER RECONNAISSANCE AIRCRAFT
WEATHER STATIONS

METEOROLOGICAL PARAMETERS

GS CONSTRAINTS
METEOROLOGICAL PARAMETERS
BRUNT-VAISALA FREQUENCY
RT AEROLOGY
AGROCLIMATOLOGY
ANNUAL VARIATIONS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
ATMOSPHERIC TURBULENCE
CEILINGS (METEOROLOGY)
CLOUD COVER
COLD FRONTS
EQUATORIAL ATMOSPHERE
FRONTS (METEOROLOGY)
HUMIDITY
HYDROLOGY
ISOTHERMS
MOISTURE

METEOROLOGICAL PARAMETERS-(CONT.)

OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
PRECIPITATION (METEOROLOGY)
STORMS (METEOROLOGY)
TEMPERATURE INVERSIONS
TROPICAL METEOROLOGY
WARM FRONTS
WEATHER
WIND MEASUREMENT

METEOROLOGICAL PROBES

USE SONDES

METEOROLOGICAL RADAR

UF WEATHER RADAR
GS RADAR

METEOROLOGICAL RADAR

RT PRECIPITATION PARTICLE
MEASUREMENT
PULSE RADAR
RADAR SCANNING
RADAR TRACKING
RADIO METEOROLOGY
SURVEILLANCE RADAR
WEATHER FORECASTING

METEOROLOGICAL RESEARCH AIRCRAFT

RT ∞ AIRCRAFT
DATA ACQUISITION
RESEARCH AIRCRAFT

METEOROLOGICAL ROCKETS

USE SOUNDING ROCKETS

METEOROLOGICAL SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
AEROS SATELLITE
COSMOS 144 SATELLITE
D-2 SATELLITES
ELEKTRON SATELLITES
ELEKTRON 1 SATELLITE
ELEKTRON 2 SATELLITE
ELEKTRON 4 SATELLITE
EOLE SATELLITES
ESSA SATELLITES
ESSA 1 SATELLITE
ESSA 2 SATELLITE
ESSA 3 SATELLITE
ESSA 4 SATELLITE
ESSA 5 SATELLITE
ESSA 6 SATELLITE
ESSA 7 SATELLITE
ESSA 8 SATELLITE
ESSA 9 SATELLITE
EXPLORER 9 SATELLITE
EXPLORER 17 SATELLITE
EXPLORER 19 SATELLITE
GEOLE SATELLITES
METEOSAT SATELLITE
NIMBUS SATELLITES
NIMBUS 1 SATELLITE
NIMBUS 2 SATELLITE
NIMBUS 3 SATELLITE
NIMBUS 4 SATELLITE
NIMBUS 5 SATELLITE
NIMBUS 6 SATELLITE
NIMBUS 7 SATELLITE
NOAA SATELLITES
NOAA 2 SATELLITE
NOAA 3 SATELLITE
NOAA 4 SATELLITE
NOAA 5 SATELLITE
NOAA 6 SATELLITE
NOAA 7 SATELLITE
NOAA 8 SATELLITE
SAN MARCO SATELLITES
SAN MARCO 1 SATELLITE
SAN MARCO 2 SATELLITE
SAN MARCO 3 SATELLITE
SEOCs (SATELLITE)
SIRS B SATELLITE
SPUTNIK 1 SATELLITE
SPUTNIK 2 SATELLITE
SPUTNIK 3 SATELLITE
SRET SATELLITES
SRET 1 SATELLITE
SRET 2 SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2

METEOROLOGICAL SATELLITES-(CONT.)

SYNCHRONOUS METEOROLOGICAL

SATELLITE

SMS 1

SMS 2

TIROS SATELLITES

IMPROVED TIROS OPERATIONAL

SATELLITES

ITOS 1

ITOS 2

ITOS 3

ITOS 4

ITOS SATELLITES

ITOS 1

ITOS 2

ITOS 3

ITOS 4

TIROS M

TIROS N SERIES SATELLITES

TIROS 1 SATELLITE

TIROS 2 SATELLITE

TIROS 3 SATELLITE

TIROS 4 SATELLITE

TIROS 5 SATELLITE

TIROS 6 SATELLITE

TIROS 7 SATELLITE

TIROS 8 SATELLITE

TIROS 9 SATELLITE

TIROS 10 SATELLITE

VANGUARD 2 SATELLITE

RT AGRISTARS PROJECT

ATS

CLOUD PHOTOGRAPHY

GEO PHYSICAL SATELLITES

GOES 1

GOES 2

GOES 3

GOES 4

GOES 5

INFRARED PHOTOGRAPHY

JAPANESE SPACE PROGRAM

METEOROLOGY

MILITARY SPACECRAFT

NAVIGATION SATELLITES

NIMBUS PROJECT

NOESS

SATELLITE OBSERVATION

SATELLITE SOUNDING

SATELLITE TELEVISION

SOUNDING ROCKETS

SPACE PROBES

TIROS PROJECT

UNMANNED SPACECRAFT

VANGUARD SATELLITES

WEATHER FORECASTING

WEATHER STATIONS

METEOROLOGICAL SERVICES

GS SERVICES

METEOROLOGICAL SERVICES

RT AUTOMATIC WEATHER STATIONS

FLIGHT CONDITIONS

WEATHER FORECASTING

WEATHER STATIONS

METEOROLOGICAL SOLENOIDS

RT BAROCLINITY

VORTICES

METEOROLOGICAL STATIONS

USE WEATHER STATIONS

METEOROLOGY

UF ATMOSPHERIC CONDITIONS

GS **METEOROLOGY**

AEROLOGY

AGROMETEOROLOGY

ALPINE METEOROLOGY

BIOMETEOROLOGY

HYDROMETEOROLOGY

MARINE METEOROLOGY

MESOMETEOROLOGY

MICROMETEOROLOGY

NUCLEAR METEOROLOGY

POLAR METEOROLOGY

RADIO METEOROLOGY

SYNOPTIC METEOROLOGY

TROPICAL METEOROLOGY

WEATHER FORECASTING

LONG RANGE WEATHER

FORECASTING

NOWCASTING

NUMERICAL WEATHER FORECASTING

STATISTICAL WEATHER

FORECASTING

METEOROLOGY-(CONT.)

RT

ACID RAIN

ACOUSTIC SOUNDING

AERONOMY

AGROCLIMATOLOGY

AIR LAND INTERACTIONS

AIR MASSES

ANNUAL VARIATIONS

ANTICYCLONES

ANVIL CLOUDS

ARC CLOUDS

∞ ATMOSPHERES

ATMOSPHERIC & OCEANOGRAPHIC

INFORM SYS

ATMOSPHERIC DENSITY

ATMOSPHERIC PHYSICS

ATMOSPHERIC TURBULENCE

BAROCLINIC INSTABILITY

BRIGHTNESS TEMPERATURE

CAP CLOUDS

CEILINGS (METEOROLOGY)

CIRROCUMULUS CLOUDS

CIRROSTRATUS CLOUDS

CIRRUS SHIELDS

CLIMATE

CLIMATOLOGY

CLOUD COVER

CLOUDS (METEOROLOGY)

COLD FRONTS

CONDENSATION NUCLEI

CONVECTION

CONVECTION CLOUDS

CORIOLIS EFFECT

CYCLONES

DMSP SATELLITES

ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL MONITORING

FRONTS (METEOROLOGY)

GARP ATLANTIC TROPICAL EXPERIMENT

GEOLOGY

GEOPHYSICS

GLOBAL ATMOSPHERIC RESEARCH

PROGRAM

HAILSTORMS

HUMIDITY

HURRICANES

HYDROCLIMATOLOGY

HYDRODYNAMIC EQUATIONS

HYDROGRAPHY

HYDROLOGY

INSOLATION

ISOTHERMS

MESOSCALE PHENOMENA

METEOROLOGICAL INSTRUMENTS

METEOROLOGICAL SATELLITES

METEOSAT SATELLITE

METHOD OF CHARACTERISTICS

MOISTURE

NATIONAL SEVERE STORMS PROJECT

NEPHANALYSIS

NOESS

OCEANOGRAPHY

∞ PHYSICAL SCIENCES

PRECIPITATION (METEOROLOGY)

∞ SCIENCE

SEA BREEZE

SEASONS

SODAR

SOUND DETECTING AND RANGING

STORMS (METEOROLOGY)

TEMPERATURE

TEMPERATURE INVERSIONS

TROPICAL REGIONS

TROPICAL STORMS

TYPHOONS

WARM FRONTS

WEATHER

WIND (METEOROLOGY)

WIND MEASUREMENT

WORLD METEOROLOGICAL

ORGANIZATION

METEORS

USE METEORIODS

METEOSAT SATELLITE

GS ESA SPACECRAFT

ESA SATELLITES

METEOSAT SATELLITE

SATELLITES

ARTIFICIAL SATELLITES

ESA SATELLITES

METEOSAT SATELLITE

METEOROLOGICAL SATELLITES

METEOSAT SATELLITE

METERS

METEOSAT SATELLITE-(CONT)

RT CLOUD COVER
CLOUD PHOTOGRAPHY
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
FRENCH SATELLITES
FRENCH SPACE PROGRAMS
INFRARED PHOTOGRAPHY
METEOROLOGY
SATELLITE OBSERVATION
WEATHER

METERS

USE MEASURING INSTRUMENTS

METHACRYLATE RESINS

USE ACRYLIC RESINS

METHAMPHETAMINE

GS AMINES
AMPHETAMINES
METHAMPHETAMINE
DRUGS
METHAMPHETAMINE

METHANATION

GS CHEMICAL REACTIONS
METHANATION
RT BIOMASS ENERGY PRODUCTION
COAL GASIFICATION
HYDROCARBON FUELS
HYDROLYSIS

METHANE

GS ALIPHATIC COMPOUNDS
ALKANES
METHANE
HYDROCARBONS
ALKANES
METHANE
RT BIOCONVERSION
COAL DERIVED GASES
HYDROCARBON FUELS
HYDROLYSIS
LANDFILLS
LIQUEFIED NATURAL GAS
NATURAL GAS
NATURAL GAS EXPLORATION
NEPTUNE ATMOSPHERE
OIL FIELDS
PETROLEUM PRODUCTS
SYNTHANE
URANUS ATMOSPHERE

METHIONINE

GS ACIDS
AMINO ACIDS
METHIONINE
ORGANIC COMPOUNDS
AMINO ACIDS
METHIONINE

METHOD OF CHARACTERISTICS

UF CHARACTERISTIC METHOD
RT CHARACTERISTICS
COMPRESSIBLE FLUIDS
FLOW DISTRIBUTION
HYPERBOLIC FUNCTIONS
METEOROLOGY
METHODODOLOGY
PARTIAL DIFFERENTIAL EQUATIONS
PLASTIC PROPERTIES
PRANDTL-MEYER EXPANSION
STEADY FLOW
UNSTEADY FLOW

METHOD OF MOMENTS

RT DISTRIBUTION MOMENTS
INTEGRAL EQUATIONS
MATHEMATICAL MODELS
MATRICES (MATHEMATICS)
METHODODOLOGY
MOMENT DISTRIBUTION
MOMENTS
NUMERICAL ANALYSIS

METHODODOLOGY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
UF METHODS
TECHNIQUES
RT APPROXIMATION
ASYMPTOTIC METHODS

METHODOLOGY-(CONT)

BIOT METHOD
BOUNDARY INTEGRAL METHOD
BRIGMAN METHOD
CRITICAL PATH METHOD
CROCCO METHOD
CZOCHEWALSKI METHOD
DEBYE-SCHERRER METHOD
DELPHI METHOD (FORECASTING)
DIGITAL TECHNIQUES
EMERGENCY BREATHING TECHNIQUES
ENCKE METHOD
ENERGY METHODS
EQUILIBRIUM METHODS
ETHICS
FINITE ELEMENT METHOD
FINITE VOLUME METHOD
FUJITA METHOD
GALERKIN METHOD
GERT
GLIMM METHOD
HALPHEN METHOD
HARTREE-FOCK-SLATER METHOD
HEURISTIC METHODS
HILL METHOD
IMAGING TECHNIQUES
JACOBI MATRIX METHOD
KJELDAHL METHOD
LATIN SQUARE METHOD
LAUE METHOD
LEAST SQUARES METHOD
LIGHTHILL METHOD
MANAGEMENT METHODS
MATRIX MANAGEMENT
MATRIX METHODS
MAXIMUM ENTROPY METHOD
MAXWELL-MOHR METHOD
MECHANISM
METHOD OF CHARACTERISTICS
METHOD OF MOMENTS
MILNE METHOD
MILNE-THOMSON METHOD
MINIMUM ENTROPY METHOD
MOIRE EFFECTS
MONTE CARLO METHOD
NEWTON-RAPHSON METHOD
PANEL METHOD (FLUID DYNAMICS)
PARTICLE IN CELL TECHNIQUE
PATTERN METHOD (FORECASTING)
PERCUS METHOD
POHLHAUSEN METHOD
PROBE METHOD (FORECASTING)
PROBLEM SOLVING
PROFILE METHOD (FORECASTING)
RAYLEIGH-RITZ METHOD
RELAXATION METHOD (MATHEMATICS)
RITZ AVERAGING METHOD
RULER METHOD
RUNGE-KUTTA METHOD
SCHMIDT METHOD
SCHWARTZ METHOD
SIMPLEX METHOD
STEEPEST DESCENT METHOD
STRAIN ENERGY METHODS
TRAVELING SOLVENT METHOD
VAN SLYKE METHOD
VON ZEIPER METHOD
WENTZEL-KRAMER-BRILLOUIN METHOD
WING FLOW METHOD TESTS

METHODS

USE METHODOLOGY
PROCEDURES

METHOXY SYSTEMS

RT ALCOHOLS
CHEMICAL COMPOUNDS
INDOLES
ORGANIC CHEMISTRY
ORGANIC COMPOUNDS
PYRROLES
SYSTEMS

METHYL ALCOHOLS

GS ALIPHATIC COMPOUNDS
METHYL ALCOHOLS
HYDROXYL COMPOUNDS
ALCOHOLS
METHYL ALCOHOLS
RT KARL FISCHER REAGENT

METHYL CHLORIDE

GS DRUGS
ANESTHETICS
METHYL CHLORIDE

NASA THESAURUS (VOLUME 1)

METHYL CHLORIDE-(CONT)

RT CHLORIDES

METHYL CHLOROSILANES

GS ALIPHATIC COMPOUNDS
METHYL COMPOUNDS
METHYL CHLOROSILANES
HYDROGEN COMPOUNDS
HYDRIDES
SILANES
METHYL CHLOROSILANES
SILICON COMPOUNDS
SILANES
METHYL CHLOROSILANES

METHYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
METHYL COMPOUNDS
METHYL CHLOROSILANES
METHYL NITRATE
RT CHEMICAL COMPOUNDS
TRIMETHYL COMPOUNDS

METHYL NITRATE

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
METHYL NITRATE
METHYL COMPOUNDS
METHYL NITRATE
NITROGEN COMPOUNDS
NITRATES
METHYL NITRATE

METHYL POLYSILOXANE

GS SILICON POLYMERS
METHYL POLYSILOXANE
RT POLYMERS
SILICON COMPOUNDS

METHYLATION

GS CHEMICAL REACTIONS
METHYLATION
RT ALKYLATION

METHYLENE

GS HYDROCARBONS
METHYLENE
RT DYES
STAINING

METHYLENE BLUE

GS DYES
METHYLENE BLUE
HETEROCYCLIC COMPOUNDS
AZINES
METHYLENE BLUE
PYRAZINES
AZINES
METHYLENE BLUE
RT CHEMICAL ANALYSIS
CHEMICAL INDICATORS
INDICATORS
STAINING

METHYLENE DIAMINE

GS ALIPHATIC COMPOUNDS
METHYLENE DIAMINE
AMINES
METHYLENE DIAMINE

METHYLHYDRAZINE

GS ALIPHATIC COMPOUNDS
HYDRAZINES
METHYLHYDRAZINE
RT DIMETHYLHYDRAZINES

METRAZOL

GS DRUGS
METRAZOL

METRIC CONVERSION

USE METRICATION

METRIC PHOTOGRAPHY

GS PHOTOGRAPHY
METRIC PHOTOGRAPHY

METRIC SPACE

GS GEOMETRY
TOPOLOGY
METRIC SPACE
RT BANACH SPACE
BIMETRIC THEORIES

METRIC SYSTEM

USE INTERNATIONAL SYSTEM OF UNITS

METRICATION

UF METRIC CONVERSION
 RT ∞ CONVERSION
 INTERNATIONAL SYSTEM OF UNITS
 METROLOGY
 STANDARDIZATION
 UNITS OF MEASUREMENT

METROLOGY

RT INTERNATIONAL SYSTEM OF UNITS
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 METRICATION
 STANDARDS
 UNITS OF MEASUREMENT

METROPOLITAN AIRCRAFT

USE CV-440 AIRCRAFT

METROPOLITAN AREAS

USE CITIES

MEXICO

GS NATIONS
 MEXICO
 RT CHIAPAS (MEXICO)
 COLORADO RIVER (NORTH AMERICA)
 GULF OF CALIFORNIA (MEXICO)
 GULF OF MEXICO
 IMPERIAL VALLEY (CA)
 LEON-QUERETARO AREA (MEXICO)
 LOWER CALIFORNIA (MEXICO)
 NORTH AMERICA
 RIO GRANDE (NORTH AMERICA)
 SAN ANDREAS FAULT
 SOUTHERN CALIFORNIA

MH-262 AIRCRAFT

UF MAX HOLSTE MH-262 AIRCRAFT
 NORD 262 AIRCRAFT
 GS JET AIRCRAFT
 TURBOPROP AIRCRAFT
 MH-262 AIRCRAFT
 LIGHT AIRCRAFT
 MH-262 AIRCRAFT
 MONOPLANES
 MH-262 AIRCRAFT
 NORD AIRCRAFT
 MH-262 AIRCRAFT
 TRANSPORT AIRCRAFT
 MH-262 AIRCRAFT
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT
 PASSENGER AIRCRAFT

MICA

UF FLUOROMICA
 GS MINERALS
 MICA
 BIOTITE
 FLUOROPHLOGOPITE
 MUSCOVITE
 RT IGNEOUS ROCKS
 VERMICULITE

MICARTA

GS COMPOSITE MATERIALS
 REINFORCED PLASTICS
 MICARTA
 PLASTICS
 REINFORCED PLASTICS
 MICARTA
 SYNTHETIC RESINS
 THERMOSETTING RESINS
 PHENOLIC RESINS
 MICARTA
 RESINS
 SYNTHETIC RESINS
 THERMOSETTING RESINS
 PHENOLIC RESINS
 MICARTA
 RT FABRICS
 FIBER COMPOSITES
 INSULATION
 ∞ POLYMERS

MICE

GS ANIMALS
 VERTEBRATES
 MAMMALS
 RODENTS

MICE-(CONT)

MICE
 JERBOAS
 POCKET MICE
 RT RATS

MICHAEL REACTION

GS CHEMICAL REACTIONS
 MICHAEL REACTION

MICHAELIS THEORY

RT ∞ THEORIES

MICHELL THEOREM

GS THEOREMS
 MICHELL THEOREM
 RT STRESS ANALYSIS
 STRUCTURAL ANALYSIS

MICHELSON INTERFEROMETERS

GS MEASURING INSTRUMENTS
 INTERFEROMETERS
 MICHELSON INTERFEROMETERS
 RT ASTROPHYSICS
 RADIO ASTRONOMY
 SPECTROMETERS

MICHIGAN

GS NATIONS
 UNITED STATES
 MICHIGAN
 RT PONTIAC (MI)
 SAGINAW BAY (MI)

MICROANALYSIS

GS CHEMICAL TESTS
 CHEMICAL ANALYSIS
 MICROANALYSIS
 RT ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 ELECTROPHOTOMETRY
 MASS SPECTROMETERS
 ∞ MATERIALS TESTS
 NEUTRON ACTIVATION ANALYSIS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 SPECTROSCOPIC ANALYSIS
 X RAY ANALYSIS

MICROBALANCES

UF MICROSCALES
 GS MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
 WEIGHT INDICATORS
 MICROBALANCES

MICROBALLOONS

GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 BALLOONS
 MICROBALLOONS
 RT GLOBULES
 LASERS
 SPHERES
 TARGETS

MICROBE

USE MICROORGANISMS

MICROBEAMS

GS BEAMS (RADIATION)
 MICROBEAMS
 RT COLLIMATION
 CRYSTALLOGRAPHY
 X RAY ANALYSIS

MICROBIOLOGY

GS MICROBIOLOGY
 BACTERIOLOGY
 RT ∞ BIOLOGY
 CULTURE TECHNIQUES
 GNOTOBIOTICS

MICROCALORIMETERS

USE CALORIMETERS

MICROCHANNEL PLATES

UF MULTICHANNEL PLATES
 RT CHANNEL MULTIPLIERS
 INTEGRATED CIRCUITS
 MICROCHANNELS
 MICROWAVE EQUIPMENT
 PHOTOMULTIPLIER TUBES
 ∞ PLATES

MICROCHANNEL PLATES-(CONT)

THIN FILMS

MICROCHANNELS

RT FREQUENCIES
 IMAGE CONVERTERS
 LIGHT AMPLIFIERS
 MICROCHANNEL PLATES
 MULTI-ANODE MICROCHANNEL ARRAYS
 NIGHT VISION
 OPTICAL EQUIPMENT
 PHOTOCATHODES
 ULTRAVIOLET RADIATION

MICROCIRCUITS

USE MICROELECTRONICS

MICROCLIMATOLOGY

GS CLIMATOLOGY
 MICROCLIMATOLOGY
 RT AGROCLIMATOLOGY
 BIOMETEOROLOGY
 MICROMETEOROLOGY

MICROCOMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 MICROCOMPUTERS
 PERSONAL COMPUTERS
 RT MICROPROCESSORS
 MINICOMPUTERS

MICROCRACKS

GS CRACKS
 MICROCRACKS
 RT CRACK CLOSURE
 CRACK GEOMETRY
 CRACK INITIATION
 ELBER EQUATION
 SURFACE CRACKS

MICROCRYSTALS

GS CRYSTALS
 MICROCRYSTALS
 RT CRYSTALLITES
 SPHERULITES

MICROCYSTIS

GS ALGAE
 MICROCYSTIS
 MICROORGANISMS
 MICROCYSTIS
 RT POLLUTION

MICRODENSITOMETERS

GS MEASURING INSTRUMENTS
 DENSITOMETERS
 MICRODENSITOMETERS
 OPTICAL MEASURING INSTRUMENTS
 MICRODENSITOMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 MICRODENSITOMETERS
 RT GRAVIMETERS
 OPTICAL DENSITY
 OPTICAL MEASUREMENT
 PHOTOMETERS

MICROELECTRONICS

UF MICROCIRCUITS
 GS MICROELECTRONICS
 LARGE SCALE INTEGRATION
 MEDIUM SCALE INTEGRATION
 RT BEAM LEADS
 CIRCUITS
 ∞ ELECTRONICS
 ENCAPSULATED MICROCIRCUITS
 ION IMPLANTATION
 LASER MICROSCOPY
 MICROINSTRUMENTATION
 MICROMINIATURIZATION
 MICROMINIATURIZED ELECTRONIC
 DEVICES
 MICROMODULES
 MOLECULAR ELECTRONICS
 PHOTOLITHOGRAPHY
 PHOTOMASKS
 SINGLE EVENT UPSETS
 TRANSISTOR CIRCUITS
 WAFERS

MICROFIBERS

GS FIBERS

MICROFILMS

MICROFIBERS-(CONT) MICROFIBERS

MICROFILMS

GS PHOTOGRAPHIC FILM
RT MICROFILMS
DATA RETRIEVAL
DATA STORAGE
MICROPHOTOGRAPHS
READERS
REPRODUCTION (COPYING)

MICROGRAPHY

USE PHOTOMICROGRAPHY

MICROGRAVITY

USE REDUCED GRAVITY

∞ MICROGRAVITY APPLICATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT BIOPROCESSING
COMMERCE LAB
ELECTROPHORESIS
LOW GRAVITY MANUFACTURING
SPACE COMMERCIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING

MICROHARDNESS

UF MICROINDENTATION
GS MECHANICAL PROPERTIES
HARDNESS
MICROHARDNESS
RT KNOOP HARDNESS
ROCKWELL HARDNESS

MICROINDENTATION

USE MICROHARDNESS

MICROINSTRUMENTATION

RT MEASURING INSTRUMENTS
MICROELECTRONICS
MICROMINIATURIZATION

MICROMANOMETERS

USE MANOMETERS

MICROMECHANICS

RT COMPOSITE MATERIALS
CRACK PROPAGATION
FRACTURE MECHANICS
MECHANICAL PROPERTIES
MICROSTRUCTURE
REINFORCING FIBERS
STRESS CONCENTRATION

MICROMETEORITES

GS CELESTIAL BODIES
METEORITES
MICROMETEORITES
RT COSMIC DUST
HYPERVELOCITY PROJECTILES
METEORIODS
MICROMETEORIODS
TEKTITES
ZODIACAL DUST

MICROMETEOROID EXPLORER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
MICROMETEOROID EXPLORER
SATELLITES

MICROMETEORIODS

UF METEORITIC DUST
MICROMETEORS
GS CELESTIAL BODIES
METEORIODS
MICROMETEORIODS
METEOROID DUST CLOUDS
ZODIACAL DUST
RT COSMIC DUST
EXPLORER SATELLITES
INTERPLANETARY DUST
METEOR TRAILS
METEORITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
SPACE DEBRIS
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

MICROMETEOROLOGY

GS METEOROLOGY
MICROMETEOROLOGY
RT AGROMETEOROLOGY
MESOMETEOROLOGY
MICROCLIMATOLOGY
TURBULENCE

MICROMETEORS

USE MICROMETEORIODS

MICROMETERS

GS MEASURING INSTRUMENTS
MICROMETERS
RT DIMENSIONAL MEASUREMENT
DISTANCE MEASURING EQUIPMENT

MICROMILLIAMMETERS

GS MEASURING INSTRUMENTS
AMMETERS
MICROMILLIAMMETERS
RT ELECTRIC CURRENT
ELECTRICAL MEASUREMENT
GALVANOMETERS

MICROMINIATURIZATION

GS MINIATURIZATION
MICROMINIATURIZATION
RT CIRCUITS
DTL INTEGRATED CIRCUITS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
MICROELECTRONICS
MICROINSTRUMENTATION
MICROMINIATURIZED ELECTRONIC
DEVICES
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
SEMICONDUCTOR DEVICES
SUBMINIATURIZATION
THICK FILMS
THIN FILMS
TTL INTEGRATED CIRCUITS
WAFERS

MICROMINIATURIZED ELECTRONIC DEVICES

GS MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
RT MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT

MICROMODULES

GS ELECTRONIC EQUIPMENT
ELECTRONIC MODULES
MICROMODULES
MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
MODULES
ELECTRONIC MODULES
MICROMODULES
RT BEAM LEADS
∞ CONTAINERS
ELECTRONIC PACKAGING
MICROELECTRONICS
MICROPROCESSORS
MINIATURE ELECTRONIC EQUIPMENT
PHOTOLITHOGRAPHY

MICROMOTORS

SN (EXCLUDES ROCKET ENGINES)
GS MOTORS
ELECTRIC MOTORS
MICROMOTORS

MICROORGANISMS

UF MICROBE
GS MICROORGANISMS
AEROBES
ANAEROBES
BACTERIA
ACTINOMYCETES
AZOTOBACTER
BACILLUS
CLOSTRIDIUM BOTULINUM
ESCHERICHIA
HYDROGENOMONAS
KLEBSIELLA
NITROBACTER
PSEUDOMONAS
SALMONELLA
SARCINA
SERRATIA

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MICROORGANISMS-(CONT)

STAPHYLOCOCCUS
STEAROTHERMOPHILUS
STREPTOCOCCUS
STREPTOMYCETES
MESOPHILES
MICROCYSTIS
PROTOZOA
AMOEBA
PELOMYXA
FLAGELLATA
TRYPANOSOME
PARAMECIA
ROTIFERA
PSYCHROPHILES
SAPROPHYTES
SPORES
MICROSPORES
VIRUSES
ADENOVIRUSES
BACTERIOPHAGES
RT ANIMALS
ANTIBIOTICS
GNOTOBIOTICS
INVERTEBRATES
MICROPARTICLES
PLANTS (BOTANY)
POLLUTION
RED TIDE
VIRULENCE

MICROPARTICLES

GS PARTICLES
MICROPARTICLES
RT CONDENSATION NUCLEI
FERROFLUIDS
MICROORGANISMS

MICROPHONES

GS AUDIO EQUIPMENT
MICROPHONES
TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
MICROPHONES
RT HYDROPHONES
INTERPHONES
MAGNETIC TRANSDUCERS
MONAURAL SIGNALS
TRANSMITTERS
ULTRASONIC WAVE TRANSDUCERS

MICROPHOTOGRAPHS

GS PHOTOGRAPHS
MICROPHOTOGRAPHS
RT DATA STORAGE
MICROFILMS
PHOTOGRAPHY
PHOTOMASKS

MICROPHOTOMETERS

USE PHOTOMETERS

MICROPLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
MICROPLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
MICROPLASMAS

MICROPOLAR FLUIDS

GS INCOMPRESSIBLE FLUIDS
MICROPOLAR FLUIDS
RT FLUID MECHANICS
∞ FLUIDS
MICROSTRUCTURE

MICROPOROSITY

GS POROSITY
MICROPOROSITY
RT MECHANICAL PROPERTIES
METALLOGRAPHY
MICROSTRUCTURE

MICROPROCESSORS

GS DATA PROCESSING EQUIPMENT
MICROPROCESSORS
INTEL 8080 MICROPROCESSOR
RT COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTER TECHNIQUES

NASA THESAURUS (VOLUME 1)

MICROPROCESSORS-(CONT)

DATA PROCESSING
DISTRIBUTED PROCESSING
FIRMWARE
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
MICROCOMPUTERS
MICROMODULES
ONBOARD DATA PROCESSING

MICROPROGRAMMING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
MICROPROGRAMMING
RT FIRMWARE
PROGRAMMING

MICROPULSATIONS

GS PULSES
MICROPULSATIONS
GEOMAGNETIC MICROPULSATIONS
RT VARIATIONS

MICROROCKET ENGINES

GS ENGINES
ROCKET ENGINES
MICROROCKET ENGINES
ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
MICROTHRUST
VERNIER ENGINES

MICROSCALES

USE MICROBALANCES

MICROSCOPES

GS MICROSCOPES
ACOUSTIC MICROSCOPES
ELECTRON MICROSCOPES
ION MICROSCOPES
OPTICAL MICROSCOPES
RT BINOCULARS
EYEPIECES
METALLOGRAPHY
MICROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMICROGRAPHY
ULTRAVIOLET MICROSCOPY

MICROSCOPY

GS MICROSCOPY
ELECTRON MICROSCOPY
LASER MICROSCOPY
ULTRAVIOLET MICROSCOPY
RT MICROSCOPES
MICROTOMY
PHASE CONTRAST
PHOTOMICROGRAPHY
SLIDES (MICROSCOPY)

MICROSEISMS

GS ELASTIC WAVES
SEISMIC WAVES
MICROSEISMS
RT CRUSTAL FRACTURES
EARTHQUAKE DAMAGE
EARTHQUAKES

MICROSONICS

GS ACOUSTICS
MICROSONICS
ELASTIC PROPERTIES
PIEZOELECTRIC CRYSTALS
SOUND FIELDS
SOUND WAVES
SURFACE WAVES

MICROSPORES

GS ANIMALS
INVERTEBRATES
SPORES
MICROSPORES
FUNGI
SPORES
MICROSPORES
MICROORGANISMS
SPORES
MICROSPORES
RT PLANTS (BOTANY)

MICROSTRIP TRANSMISSION LINES

UF FLAT COAXIAL TRANSMISSION LINES
PARALLEL STRIP LINES
GS TRANSMISSION LINES
STRIP TRANSMISSION LINES
MICROSTRIP TRANSMISSION LINES
RT DIRECTIONAL COUPLERS
MICROWAVE TRANSMISSION

MICROSTRUCTURE

GS MICROSTRUCTURE
METEORITIC MICROSTRUCTURES
WIDMANSTATTEN STRUCTURE
RT AGING (MATERIALS)
AGING (METALLURGY)
AUSTENITE
BAINITE
BAUSCHINGER EFFECT
CAST ALLOYS
CASTING
CASTINGS
CEMENTITE
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
FERRITES
GRAIN SIZE
HARDENING (MATERIALS)
HEAT TREATMENT
LAMELLA (METALLURGY)
MARTENSITE
METALLOGRAPHY
MICROMECHANICS
MICROPOLAR FLUIDS
MICROPOROSITY
ORDER-DISORDER TRANSFORMATIONS
PEARLITE
PHOTOMICROGRAPHY
QUENCHING (COOLING)
SHAPE MEMORY ALLOYS
SPHERULITES
STRUCTURES
THERMOMECHANICAL TREATMENT
WORK SOFTENING

MICROTHRUST

GS THRUST
LOW THRUST
MICROTHRUST
RT JET THRUST
LOW THRUST PROPULSION
MICROROCKET ENGINES
ROCKET THRUST
VARIABLE THRUST

MICROTOMY

RT MEDICAL EQUIPMENT
MICROSCOPY

MICROTRONS

GS PARTICLE ACCELERATORS
CYCLOTRONS
MICROTRONS
RT BETATRONS
SYNCHROTRONS

MICROVISION LANDING AID

GS DISPLAY DEVICES
MICROVISION LANDING AID
LANDING AIDS
MICROVISION LANDING AID

MICROWAVE AMPLIFIERS

GS AMPLIFIERS
MICROWAVE AMPLIFIERS
MICROWAVE EQUIPMENT
MICROWAVE AMPLIFIERS
RT CROSSED FIELD AMPLIFIERS
INTERSTELLAR MASERS
MASERS
PARAMETRIC AMPLIFIERS
TRANSFERRED ELECTRON DEVICES

MICROWAVE ANTENNAS

GS ANTENNAS
RADIO ANTENNAS
MICROWAVE ANTENNAS
SPACETENNAS
MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
RECTENNAS
SLOT ANTENNAS
SPACETENNAS
RT AIRCRAFT ANTENNAS

MICROWAVE EQUIPMENT

MICROWAVE ANTENNAS-(CONT)

ANTENNA ARRAYS
DIRECTIONAL ANTENNAS
GREGORIAN ANTENNAS
HELICAL ANTENNAS
MISSILE ANTENNAS
OMNIDIRECTIONAL ANTENNAS
PARABOLIC ANTENNAS
PARABOLIC REFLECTORS
RADAR ANTENNAS
WAVEGUIDE ANTENNAS

MICROWAVE ATTENUATION

GS ATTENUATION
MICROWAVE ATTENUATION
TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
MICROWAVE ATTENUATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
MICROWAVE ATTENUATION
RT WAVE PROPAGATION

MICROWAVE CIRCUITS

GS CIRCUITS
MICROWAVE CIRCUITS

MICROWAVE COUPLING

GS COUPLING
MICROWAVE COUPLING
RT ANTENNA COUPLERS
CROSS COUPLING
DIRECTIONAL ANTENNAS
DIRECTIONAL COUPLERS
OPTICAL COUPLING

MICROWAVE EMISSION

GS DECAY
EMISSION
MICROWAVE EMISSION
ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
MICROWAVE EMISSION
RT COSMIC NOISE
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
LINEAR POLARIZATION
STELLAR RADIATION

MICROWAVE EQUIPMENT

GS MICROWAVE EQUIPMENT
GYRATORS
MICROWAVE FILTERS
MICROWAVE AMPLIFIERS
MICROWAVE ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
RECTENNAS
SLOT ANTENNAS
SPACETENNAS
MICROWAVE INTERFEROMETERS
MICROWAVE PROBES
MICROWAVE PLASMA PROBES
MICROWAVE RADIOMETERS
MICROWAVE SCANNING BEAM
LANDING SYSTEM
MICROWAVE TUBES
COLD CATHODE TUBES
PHOTOTUBES
PHOTOMULTIPLIER TUBES
IMAGE TUBES
THERMIONS
KLYSTRONS
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
BACKWARD WAVE TUBES
MONOSCOPES
ORTHICONS
IMAGE ORTHICONS
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMIONS
THERMIONIC DIODES
THYRATRONS
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS

MICROWAVE FILTERS

MICROWAVE EQUIPMENT-(CONT)

VIDICONS
THERMIONS
RT GAS DISCHARGE TUBES
MICROCHANNEL PLATES

MICROWAVE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
MICROWAVE FILTERS
MICROWAVE EQUIPMENT
GYRATORS
MICROWAVE FILTERS
RT BANDPASS FILTERS
BANDSTOP FILTERS
DIGITAL FILTERS
FIR FILTERS
HIGH PASS FILTERS
LOW PASS FILTERS
RADAR FILTERS
RADIO FILTERS
RECTANGULAR WAVEGUIDES
WAVEGUIDE FILTERS

MICROWAVE FREQUENCIES

GS FREQUENCIES
RADIO FREQUENCIES
MICROWAVE FREQUENCIES
C BAND
EXTREMELY HIGH FREQUENCIES
P BAND
SUPERHIGH FREQUENCIES
RT ACOUSTIC MICROSCOPES
CENTIMETER WAVES
MICROWAVES
PASSIVE L-BAND RADIOMETERS
PRAETERSONIC DEVICES

MICROWAVE HOLOGRAPHY

GS IMAGERY
HOLOGRAPHY
MICROWAVE HOLOGRAPHY
PHOTOGRAPHY
HOLOGRAPHY
MICROWAVE HOLOGRAPHY
RT IMAGING TECHNIQUES
MICROWAVES
WAVE FRONT RECONSTRUCTION

MICROWAVE IMAGERY

GS IMAGERY
MICROWAVE IMAGERY
RT RADARSCOPES
SYNTHETIC APERTURE RADAR
X RAY IMAGERY

MICROWAVE INTERFEROMETERS

GS MEASURING INSTRUMENTS
INTERFEROMETERS
MICROWAVE INTERFEROMETERS
MICROWAVE EQUIPMENT
MICROWAVE INTERFEROMETERS
RT FABRY-PEROT INTERFEROMETERS
PLASMA DIAGNOSTICS

MICROWAVE LANDING SYSTEMS

GS LANDING AIDS
MICROWAVE LANDING SYSTEMS
MICROWAVE SCANNING BEAM
LANDING SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT LANDING
AIRCRAFT SAFETY
APPROACH CONTROL
AUTOMATED EN ROUTE ATC
AUTOMATIC LANDING CONTROL
∞ SYSTEMS

MICROWAVE OSCILLATORS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
MICROWAVE OSCILLATORS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
MICROWAVE OSCILLATORS
BACKWARD WAVE TUBES
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
MICROWAVE OSCILLATORS
RT BARRITT DIODES
GAS DISCHARGE TUBES
TRANSFERRED ELECTRON DEVICES

MICROWAVE OSCILLATORS-(CONT)

VOLTAGE CONTROLLED OSCILLATORS

MICROWAVE PHOTOGRAPHY

GS IMAGERY
MICROWAVE PHOTOGRAPHY
PHOTOGRAPHY
MICROWAVE PHOTOGRAPHY
RT RADAR DATA
RADAR PHOTOGRAPHY
RADARSCOPES

MICROWAVE PLASMA PROBES

GS MEASURING INSTRUMENTS
MICROWAVE PROBES
MICROWAVE PLASMA PROBES
MICROWAVE EQUIPMENT
MICROWAVE PROBES
MICROWAVE PLASMA PROBES
RT ELECTRON PROBES
PLASMA FLUX MEASUREMENT
PLASMA GUIDES
PLASMAS (PHYSICS)
RESONANCE PROBES

MICROWAVE PROBES

GS MEASURING INSTRUMENTS
MICROWAVE PROBES
MICROWAVE PLASMA PROBES
MICROWAVE EQUIPMENT
MICROWAVE PROBES
MICROWAVE PLASMA PROBES
RT RADIO FREQUENCY IMPEDANCE
PROBES

MICROWAVE RADIATION

USE MICROWAVES

MICROWAVE RADIOMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
MICROWAVE RADIOMETERS
MICROWAVE EQUIPMENT
MICROWAVE RADIOMETERS

MICROWAVE REFLECTOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
RT KINEMATICS

MICROWAVE RESONANCE

GS RESONANCE
MICROWAVE RESONANCE
RT CAVITY RESONATORS
HARMONIC ANALYSIS
NONRESONANCE

MICROWAVE SCANNING BEAM LANDING SYSTEM

UF MSBLS
GS LANDING AIDS
MICROWAVE LANDING SYSTEMS
MICROWAVE SCANNING BEAM
LANDING SYSTEM
MICROWAVE EQUIPMENT
MICROWAVE SCANNING BEAM
LANDING SYSTEM
NAVIGATION AIDS
MICROWAVE SCANNING BEAM
LANDING SYSTEM
RT APPROACH INDICATORS
SPACE SHUTTLE ORBITERS
∞ SYSTEMS

MICROWAVE SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
MICROWAVE SCATTERING
RT ATMOSPHERIC SCATTERING
MANDELSTAM REPRESENTATION
SCATTEROMETERS

MICROWAVE SENSORS

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
MICROWAVE SENSORS

NASA THESAURUS (VOLUME 1)

MICROWAVE SENSORS-(CONT)

RT ∞ INSTRUMENTS
RADAR RECEIVERS
∞ SENSORS
SIGNAL DETECTORS
SYNTHETIC APERTURE RADAR

MICROWAVE SOUNDING

GS SOUNDING
MICROWAVE SOUNDING
RT IMAGERY
MICROWAVES
ROCKET SOUNDING

MICROWAVE SPECTRA

UF INTERSTELLAR MICROWAVE SPECTRA
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
RADIO SPECTRA
MICROWAVE SPECTRA
RT ABSORPTION SPECTRA
INFRARED SPECTRA
MOLECULAR ROTATION
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY

MICROWAVE SPECTROMETERS

GS MEASURING INSTRUMENTS
SPECTROMETERS
MICROWAVE SPECTROMETERS

MICROWAVE SWITCHING

GS SWITCHING
MICROWAVE SWITCHING
RT FERROELECTRICITY
GYRATORS
PACKET SWITCHING
PHASE SHIFT
SWITCHING CIRCUITS
WAVEGUIDES

MICROWAVE TRANSMISSION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
MICROWAVE TRANSMISSION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
MICROWAVE TRANSMISSION
RT CIRCULAR WAVEGUIDES
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS
DOWNLINKING
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY REUSE
MICROSTRIP TRANSMISSION LINES
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SPACETENNAS
TELETYPEWRITER SYSTEMS
UPLINKING
WAVE PROPAGATION

MICROWAVE TUBES

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
KLYSTRONS
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
CELESTROPS
HELITRONS
IGNITRONS
THERMIONS
THERMIONIC DIODES
THYRATRONS
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
COLD CATHODE TUBES
PHOTOTUBES
PHOTOMULTIPLIER TUBES
IMAGE TUBES
THERMIONS
KLYSTRONS

MICROWAVE TUBES-(CONT)

MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
BACKWARD WAVE TUBES
MONOSCOPES
ORTHICONS
IMAGE ORTHICONS
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMIONS
THERMIONIC DIODES
THYRATRONS
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
HELITRONS
RT GAS DISCHARGE TUBES
TRIODES
∞ TUBES

MICROWAVES

UF MICROWAVE RADIATION
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
DECIMETER WAVES
MICROWAVE EMISSION
MILLIMETER WAVES
RT COSMIC NOISE
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIO WAVES
INFRARED RADIATION
MICROWAVE FREQUENCIES
MICROWAVE HOLOGRAPHY
MICROWAVE SOUNDING
∞ RADIATION
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SCATTEROMETERS
SUBMILLIMETER WAVES
WHISTLERS

MICROWEIGHING

USE WEIGHT MEASUREMENT

MICROYIELD STRENGTH

GS MECHANICAL PROPERTIES
YIELD STRENGTH
MICROYIELD STRENGTH
RT ELASTIC PROPERTIES
∞ STRENGTH
STRESSES
YIELD POINT

MICTURITION

USE URINATION

MIDAIR COLLISIONS

GS COLLISIONS
MIDAIR COLLISIONS
BIRD-AIRCRAFT COLLISIONS
RT AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
BEACON COLLISION AVOIDANCE
SYSTEM
COLLISION AVOIDANCE
CRASHES
FLIGHT HAZARDS
FLIGHT SAFETY
PILOT ERROR
THREAT EVALUATION

MIDALTITUDE

GS ALTITUDE
MIDALTITUDE
RT FLIGHT ALTITUDE
HIGH ALTITUDE
LOW ALTITUDE

MIDAS SATELLITES

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE
RT ATLAS AGENA B LAUNCH VEHICLE

MIDAS 2 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 2 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 2 SATELLITE

MIDAS 3 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 3 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 3 SATELLITE

MIDAS 4 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 4 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 4 SATELLITE

MIDAS 5 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 5 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 5 SATELLITE

MIDAS 6 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 6 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 6 SATELLITE

MIDAS 7 SATELLITE

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
MIDAS SATELLITES
MIDAS 7 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
MIDAS SATELLITES
MIDAS 7 SATELLITE

MIDCOURSE GUIDANCE

GS GUIDANCE (MOTION)
MIDCOURSE GUIDANCE
RT COMMAND GUIDANCE
INERTIAL GUIDANCE
INJECTION GUIDANCE
RENDEZVOUS GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE
TRANSEARTH INJECTION
TRANSLUNAR INJECTION

MIDCOURSE TRAJECTORIES

GS TRAJECTORIES

MIDCOURSE TRAJECTORIES-(CONT)

RT **MIDCOURSE TRAJECTORIES**
ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
COASTING FLIGHT
DESCENT TRAJECTORIES
PARABOLIC FLIGHT

MIDDLE ATMOSPHERE

GS EARTH ATMOSPHERE
HOMOSPHERE
MIDDLE ATMOSPHERE
CHEMOSPHERE
STRATOSPHERE
RT AIR
AIR POLLUTION
∞ ATMOSPHERES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC CIRCULATION
ATMOSPHERIC COMPOSITION
CLIMATOLOGY
EQUATORIAL ATMOSPHERE
FREE ATMOSPHERE
HETEROSPHERE
LOWER ATMOSPHERE
MIDLATITUDE ATMOSPHERE
STRATOPAUSE
TROPOPAUSE
UPPER ATMOSPHERE

MIDDLE EAR

GS ANATOMY
SENSE ORGANS
EAR
MIDDLE EAR
RT SEMICIRCULAR CANALS

MIDDLE EAR PRESSURE

GS PRESSURE
MIDDLE EAR PRESSURE
RT EAR PRESSURE TEST
EARDRUMS

MIDLATITUDE ATMOSPHERE

GS EARTH ATMOSPHERE
MIDLATITUDE ATMOSPHERE
ENVIRONMENTS
MIDLATITUDE ATMOSPHERE
RT IONOSPHERE
MIDDLE ATMOSPHERE
SPORADIC E LAYER

MIDLATITUDES

USE TEMPERATE REGIONS

MIE SCATTERING

UF MIE THEORY
GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
MIE SCATTERING
RAYLEIGH SCATTERING

MIE THEORY

USE MIE SCATTERING

MIG AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
MIG AIRCRAFT
SUPERSONIC AIRCRAFT
MIG AIRCRAFT
RT ∞ AIRCRAFT

MIGRATION

RT BEHAVIOR
PHENOLOGY
WATERFOWL

MIL AIRCRAFT

RT ∞ AIRCRAFT

MILANKOVITCH THEORY

USE CLIMATOLOGY

MILIARIA

GS DISEASES
MILIARIA
RT LESIONS
SWEAT

MILITARY AIR FACILITIES

UF AIRCRAFT BASES
RT AIR TRAFFIC CONTROL

MILITARY AIRCRAFT

MILITARY AIR FACILITIES-(CONT)

∞ AIRCRAFT
AIRCRAFT CARRIERS
AIRPORTS
∞ FACILITIES
∞ FIELDS
HANGARS
HELIPORTS
LANDING AIDS
LANDING MATS
NAVIGATION AIDS
STATIONS

∞ MILITARY AIRCRAFT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF BOEING MILITARY AIRCRAFT
CESSNA MILITARY AIRCRAFT
CHANCE-VOUGHT MILITARY AIRCRAFT
CONVAIR MILITARY AIRCRAFT
CURTISS-WRIGHT MILITARY AIRCRAFT
DOUGLAS MILITARY AIRCRAFT
FAIRCHILD MILITARY AIRCRAFT
GENERAL DYNAMICS MILITARY AIRCRAFT
HILLER MILITARY AIRCRAFT
HUGHES MILITARY AIRCRAFT
REPUBLIC MILITARY AIRCRAFT
RT A-37 AIRCRAFT
AH-1G HELICOPTER
AH-63 HELICOPTER
AH-64 HELICOPTER
∞ AIRCRAFT
AIRCRAFT CARRIERS
AIRCRAFT SURVIVABILITY
AIRSHIPS
ALPHA JET AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ARMED FORCES
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
ATTACK AIRCRAFT
ATTACKING (ASSAULTING)
AWACS AIRCRAFT
B-1 AIRCRAFT
BOMBER AIRCRAFT
C-1A AIRCRAFT
CARGO AIRCRAFT
CH-63 HELICOPTER
CL-600 CHALLENGER AIRCRAFT
DRONE AIRCRAFT
DRONE VEHICLES
E-2 AIRCRAFT
E-3A AIRCRAFT
E-4A AIRCRAFT
FIGHTER AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
FV-12A AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
H-60 HELICOPTER
HARRIER AIRCRAFT
HELICOPTERS
JAGUAR AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AVIATION
MILITARY HELICOPTERS
MRCA AIRCRAFT
NUCLEAR PROPELLED AIRCRAFT
OBSERVATION AIRCRAFT
PANAVIA MILITARY AIRCRAFT
PASSENGER AIRCRAFT
PILOTLESS AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
S-3 AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUBMERSIBLE AIRCRAFT
TAILLESS AIRCRAFT
TANKER AIRCRAFT
TARGET DRONE AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WEAPON SYSTEMS
YC-14 AIRCRAFT
YF-12 AIRCRAFT
YF-16 AIRCRAFT

∞ MILITARY AVIATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ AERONAUTICS
AIR LAW
ARMED FORCES
BOMBER AIRCRAFT
FIGHTER AIRCRAFT
∞ MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT

MILITARY COMPACT REACTORS

UF MCR REACTORS
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
MILITARY COMPACT REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
MILITARY COMPACT REACTORS

MILITARY HELICOPTERS

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-1G HELICOPTER
AH-64 HELICOPTER
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-54 HELICOPTER
H-43 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
HH-43 HELICOPTER
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
OH-58 HELICOPTER
QH-50 HELICOPTER
S-58 HELICOPTER
S-61 HELICOPTER
SA-330 HELICOPTER
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
RT ∞ AIRCRAFT
ATTACK AIRCRAFT
∞ MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT

MILITARY OPERATIONS

GS MILITARY OPERATIONS
COMBAT
ELECTRONIC WARFARE
RT DEPLOYMENT
TACTICS
TANKS (COMBAT VEHICLES)

MILITARY PSYCHIATRY

USE MILITARY PSYCHOLOGY

MILITARY PSYCHOLOGY

UF MILITARY PSYCHIATRY
GS PSYCHOLOGY
MILITARY PSYCHOLOGY
RT AVIATION PSYCHOLOGY
PSYCHIATRY
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL TESTS
PSYCHOMETRICS
SPACE PSYCHOLOGY

MILITARY SPACECRAFT

GS MILITARY SPACECRAFT
DMSP SATELLITES
RECONNAISSANCE SPACECRAFT
INSPECTOR SATELLITE
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE

NASA THESAURUS (VOLUME 1)

MILITARY SPACECRAFT-(CONT)

PHOTO RECONNAISSANCE
SPACECRAFT
VELA SATELLITES
RT AEROSPACEPLANES
ARMED FORCES
ARTIFICIAL SATELLITES
ASTROPLANE
EVASIVE SATELLITES
MANNED SPACECRAFT
METEOROLOGICAL SATELLITES
∞ MILITARY VEHICLES
NAVIGATION SATELLITES
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
SATELLITE NETWORKS
SATELLITES
SPACE STATIONS
SPACE SURVEILLANCE (SPACEBORNE)
∞ SPACECRAFT
SYNCHRONOUS SATELLITES
UNMANNED SPACECRAFT
WEAPON SYSTEMS

MILITARY TECHNOLOGY

GS TECHNOLOGIES
RT MILITARY TECHNOLOGY
ANTIMISSILE DEFENSE
ANTIRADIATION MISSILES
ANTISUBMARINE WARFARE
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
ARMY-NAVY INSTRUMENTATION PROGRAM
AWACS AIRCRAFT
BALLISTIC MISSILE EARLY WARNING SYSTEM
DEFENSE COMMUNICATIONS SYSTEM (DCS)
DEFENSE INDUSTRY
DEFENSE PROGRAM
DEPLOYMENT
E-2 AIRCRAFT
E-3A AIRCRAFT
E-4A AIRCRAFT
FLEET SATELLITE COMMUNICATION SYSTEM
INTELLIGENCE
INTERSERVICE DATA EXCHANGE PROGRAM
LASER WEAPONS
LOGISTICS OVER THE SHORE (LOTS) CARRIER
MISSILE DEFENSE
OPTICAL COUNTERMEASURES
RADAR HOMING MISSILES
SAFEGUARD SYSTEM
TACTICS
WEAPONS
WEAPONS DELIVERY
WEAPONS INDUSTRY

∞ MILITARY VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AEROQUATIC VEHICLES
AIRCRAFT CARRIERS
AMBULANCES
AMPHIBIOUS VEHICLES
ARMED FORCES
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
AUTOMOBILES
BOATS
MILITARY SPACECRAFT
RECOVERY VEHICLES
RESEARCH VEHICLES
SHIPS
SUBMARINES
TANKS (COMBAT VEHICLES)
TRUCKS
UNDERWATER VEHICLES
∞ VEHICLES
WATER VEHICLES

MILK

RT BEVERAGES
∞ FOOD

MILKY WAY GALAXY

GS CELESTIAL BODIES
GALAXIES
SPIRAL GALAXIES
MILKY WAY GALAXY

MILKY WAY GALAXY-(CONT)

RT ORION NEBULA
RADIO SOURCES (ASTRONOMY)
STARS

MILLET

GS FARM CROPS
MILLET
RT EARTH RESOURCES
FLOUR (FOOD)
∞FOOD
GRAINS (FOOD)
GRASSES

MILLIMETER WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
MILLIMETER WAVES
RT BEAM PLASMA AMPLIFIERS
C BAND
CN EMISSION
CYCLOTRON RESONANCE DEVICES
DECIMETER WAVES
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIO WAVES
EXTREMELY HIGH FREQUENCIES
FREQUENCIES
SOLAR RADIO EMISSION
SUBMILLIMETER WAVES
WAVELENGTHS

∞ MILLING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COMMINUTION
COMPOUNDING
MILLING (MACHINING)

MILLING (MACHINING)

GS CUTTING
MILLING (MACHINING)
MACHINING
MILLING (MACHINING)
RT CHEMICAL MACHINING
GROOVING
METAL CUTTING
MILLING MACHINES
PLANING

MILLING (MIXING)

USE COMPOUNDING

MILLING MACHINES

GS TOOLS
MACHINE TOOLS
MILLING MACHINES
RT GRINDING MACHINES
∞MACHINERY
SHAPERS

MILLIVOLTMETERS

GS MEASURING INSTRUMENTS
VOLTMETERS
MILLIVOLTMETERS
RT GALVANOMETERS

MILLS RATIO

GS RATIOS
MILLS RATIO
RT FAILURE
FAILURE ANALYSIS
LIFE (DURABILITY)
MORTALITY
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS

MILNE METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
MILNE METHOD
RT DIFFERENTIAL EQUATIONS
∞METHODOLOGY

MILNE-THOMSON METHOD

RT INCOMPRESSIBLE FLOW
∞METHODOLOGY
NAVIER-STOKES EQUATION
VISCOUS FLOW

MIM (SEMICONDUCTORS)

UF METAL-INSULATOR-METAL
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
MIM (SEMICONDUCTORS)
SEMICONDUCTORS (MATERIALS)
MIM (SEMICONDUCTORS)
RT SIS (SEMICONDUCTORS)

MIM DIODES

UF METAL-INSULATOR-METAL DIODES
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
JUNCTION DIODES
MIM DIODES
RT ELECTRON TUNNELING
NEGATIVE RESISTANCE DEVICES
SEMICONDUCTOR DIODES
TUNNEL DIODES

MIMAS

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
MIMAS
RT SATURN (PLANET)

MINE DETECTORS

GS WARNING SYSTEMS
MINE DETECTORS
RT ∞DETECTORS
WARNING

MINER RULE

USE PALMGREN-MINER RULE

MINERAL DEPOSITS

RT CONTACTS (GEOLOGY)
DREDGING
EARTH RESOURCES
EXCAVATION
GEOLOGY
MINERALOGY
MINERALS
MINES (EXCAVATIONS)
MINING
RESERVES
STRIP MINING
UNDERWATER RESOURCES

MINERAL EXPLORATION

GS EXPLORATION
MINERAL EXPLORATION
RT EXCAVATION
MINERALS
MINES (EXCAVATIONS)
MINING

MINERAL METABOLISM

GS METABOLISM
MINERAL METABOLISM
RT BODY FLUIDS
CALORIC REQUIREMENTS
ENDOCRINE SYSTEMS
SECRECTIONS

MINERAL OILS

GS OILS
MINERAL OILS
RT LUBRICATING OILS

MINERALOGY

RT CRYSTALLOGRAPHY
GEOCHEMISTRY
GEOLOGY
MINERAL DEPOSITS
MINERALS
PETROLOGY
∞PHYSICAL SCIENCES

MINERALS

UF APATITES
ORES
GS MINERALS
AMPHIBOLES
ANATASE
ARAGONITE
ASBESTOS
BARITE
BASTNASITE
BERYL

MINERALS-(CONT)

BLOEDITE
BRUCITE
CALCITE
CHROMITES
COHENITE
CORDIERITE
CRYOLITE
DAWSONITE
DOLOMITE (MINERAL)
EUXENITE
FAYALITE
FELDSPARS
FLUORITE
FLUORSPAR
GARNETS
GEHLENITE
AKERMANITE
GRAPHITE
GYPSUM
HEXAHEDRITE
ILLITE
ILMENITE
IRON ORES
HEMATITE
KAMACITE
KAOLINITE
KREEP
LIMONITE
MAGNETITE
MERWINITE
MICA
BIOTITE
FLUOROPHLOGOPITE
MUSCOVITE
MONTICELLITE
MONTMORILLONITE
NEPHELINE
NEPHELITE
OLIVINE
FORSTERITE
PEROVSKITES
PROUSTITE
PYRITES
PYROPHYLLITE
PYROXENES
ENSTATITE
PYRRHOTITE
TROILITE
QUARTZ
COESITE
STISHOVITE
SCHEELITE
SCHREIBERSITE
SERPENTINE
SIDERITES
SPINEL
SPODUMENE
TALC
TOURMALINE
VERMICULITE
WURTZITE
ZINCBLLENDE
RT ALUMINUM SILICATES
ANDESITE
BAUXITE
BENEFICIATION
BIOGEOCHEMISTRY
BONE MINERAL CONTENT
BOREHOLES
CALCIUM SILICATES
CRYSTALLITES
DIORITE
DUNITE
EARTH RESOURCES
FELSITE
FLUOROSILICATES
GEOLOGY
IGNEOUS ROCKS
IMPACT MELTS
LAVA
LIMESTONE
LUNAR SOIL
MINERAL DEPOSITS
MINERAL EXPLORATION
MINERALOGY
MONAZITE SANDS
MULLITES
∞NUTRIENTS
OBSIDIAN
POTASSIUM SILICATES
ROCKS
RUTILE
SHALES
SILICATES
SODIUM SILICATES

MINES

MINERALS-(CONT)

SOILS
UNDERGROUND ACOUSTICS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
ZEOLITES

MINES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MINES (EXCAVATIONS)
MINES (ORDNANCE)

MINES (EXCAVATIONS)

UF QUARRIES
RT CORE SAMPLING
DRAINAGE
EXPLOITATION
EXPLORATION
MATERIALS HANDLING
MINERAL DEPOSITS
MINERAL EXPLORATION
MINING
PITS (EXCAVATIONS)
RESERVES
STRATIGRAPHY
STRIP MINING
SUBSIDENCE
UNDERGROUND EXPLOSIONS
UNDERGROUND STORAGE
UNDERGROUND STRUCTURES
WASTE DISPOSAL

MINES (ORDNANCE)

GS WEAPONS
RT **MINES (ORDNANCE)**
AMMUNITION
MINES

MINIATURE ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
MINIATURE ELECTRONIC EQUIPMENT
RT CIRCUITS
ELECTRIC EQUIPMENT
ELECTRONIC MODULES
EQUIPMENT
MICROMINIATURIZATION
MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
MINIATURIZATION
MOLECULAR ELECTRONICS
PRINTED CIRCUITS
SOLID STATE DEVICES
SUBMINIATURIZATION
THIN FILMS

MINIATURIZATION

GS **MINIATURIZATION**
MICROMINIATURIZATION
SUBMINIATURIZATION
RT CIRCUITS
MINIATURE ELECTRONIC EQUIPMENT
PRINTED CIRCUITS
PRINTED RESISTORS
TRANSISTORS
WAFERS

MINICOMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MINICOMPUTERS
NOVA COMPUTERS
RT AIRBORNE/SPACEBORNE COMPUTERS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
MICROCOMPUTERS

MINIMA

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
EXTREMUM VALUES
MINIMA
RT CUSPS (MATHEMATICS)
DIFFERENTIAL CALCULUS
MAXIMA
OPERATIONS RESEARCH
OPTIMIZATION
PENALTY FUNCTION
RANGE (EXTREMES)
STEEPEST DESCENT METHOD

MINIMAL SURFACES

RT BOUNDARY VALUE PROBLEMS
CONFORMAL MAPPING
FINITE ELEMENT METHOD
SURFACES

MINIMAX TECHNIQUE

RT APPROXIMATION
CURVE FITTING
GAME THEORY
OPERATIONS RESEARCH
RESEARCH
SADDLE POINTS

MINIMIZATION

USE OPTIMIZATION

MINIMUM DRAG

GS DYNAMIC CHARACTERISTICS
DRAG
MINIMUM DRAG
RT AIRCRAFT PERFORMANCE
FRICTION DRAG

MINIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
MINIMUM ENTROPY METHOD
RT METHODOLOGY

MINIMUM VARIANCE ORBIT DETERMINATION

UF MINIVAR ORBIT DETERMINATION
GS CLASSICAL MECHANICS
SPACE MECHANICS
ORBITAL MECHANICS
**MINIMUM VARIANCE ORBIT
DETERMINATION**
COMPUTATION
ORBIT CALCULATION
**MINIMUM VARIANCE ORBIT
DETERMINATION**
RT STATISTICAL ANALYSIS

MINING

GS **MINING**
STRIP MINING
CLAYS
DREDGING
ENERGY POLICY
EXCAVATION
EXPLOITATION
MINERAL DEPOSITS
MINERAL EXPLORATION
MINES (EXCAVATIONS)
UNDERGROUND STRUCTURES

MINITRACK OPTICAL TRACKING SYSTEM

USE MINITRACK SYSTEM

MINITRACK SYSTEM

UF MINITRACK OPTICAL TRACKING SYSTEM
MOTS (TRACKING SYSTEM)
RT GLOBAL TRACKING NETWORK
OPTICAL TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE SURVEILLANCE (GROUND
BASED)
SPACECRAFT TRACKING
STDN (NETWORK)
SYSTEMS
TRACKING NETWORKS
TRACKING STATIONS
TRACKS

MINIVAR ORBIT DETERMINATION

USE MINIMUM VARIANCE ORBIT
DETERMINATION

MINKOWSKI SPACE

RT FEYNMAN DIAGRAMS
PROBABILITY THEORY
SPACE-TIME FUNCTIONS

MINNESOTA

GS NATIONS
UNITED STATES
MINNESOTA

MINOR CIRCLE TURNING FLIGHT

GS TURNING FLIGHT
MINOR CIRCLE TURNING FLIGHT
RT AIRCRAFT CONTROL
MANEUVERS

NASA THESAURUS (VOLUME 1)

MINOR PLANET 1221

USE AMOR ASTEROID

MINOR PLANET 2060

USE CHIRON

MINORITIES

RT AMERICAN INDIANS
ANTHROPOLOGY
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
NATIONS
RACES
SOCIOLOGY
VOTING

MINORITY CARRIERS

GS CHARGE CARRIERS
MINORITY CARRIERS
RT ADDITIVES
BIPOLAR TRANSISTORS
CARRIER INJECTION
CARRIER LIFETIME
ELECTRON MOBILITY
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTORS (MATERIALS)

MINOS COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
MINOS COMPUTER

MINUTEMAN ICBM

UF MINUTEMAN MISSILES
GS MISSILES
BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
MINUTEMAN ICBM
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
MINUTEMAN ICBM
RT M-55 ENGINE
M-56 ENGINE
M-57 ENGINE
MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
SPACE WEAPONS

MINUTEMAN MISSILES

USE MINUTEMAN ICBM

MIOSIS

RT EYE (ANATOMY)
OPHTHALMOLOGY
TETRAD THEORY
VISION

MIRAGE AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
DASSAULT AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
JET AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
MONOPLANES
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
OBSERVATION AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
RECONNAISSANCE AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
SUPERSONIC AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT

MIRAGE 3 AIRCRAFT

UF DASSAULT MIRAGE 3 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
DASSAULT AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
JET AIRCRAFT

MIRAGE 3 AIRCRAFT-(CONT)

MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
 MONOPLANES
 MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
 OBSERVATION AIRCRAFT
 MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
 SUPERSONIC AIRCRAFT
 MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
 TAILLESS AIRCRAFT
 MIRAGE 3 AIRCRAFT

MIRANDA SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SYNCHRONOUS SATELLITES
MIRANDA SATELLITE
 RT ATTITUDE CONTROL

Mيروس SYSTEM

UF MODULATING RETRODIRECTIVE OPTICS
 GS MODULATION
 LIGHT MODULATION
Mيروس SYSTEM
 RT OPTICAL MEASURING INSTRUMENTS
 ∞ SYSTEMS

MIRROR FUSION

RT FUSION REACTORS
 MAGNETIC MIRRORS
 NUCLEAR FUSION
 PLASMA CONTROL

MIRROR POINT

RT MAGNETIC MIRRORS
 RADIATION BELTS

MIRRORS

GS **MIRRORS**
 CELESCOPES
 FRESNEL REFLECTORS
 MAGNETIC MIRRORS
 PARABOLOID MIRRORS
 ROTATING MIRRORS
 SOLETTAS
 RT CASSEGRAIN OPTICS
 CIRCUMSOLAR TELESCOPES
 COLLIMATORS
 HELIOSTATS
 OPTICAL EQUIPMENT
 OPTICAL RESONATORS
 ∞ OPTICS
 REFLECTING TELESCOPES
 REFLECTORS
 SOLAR COLLECTORS
 SOLAR REFLECTORS
 SPECULAR REFLECTION
 TELESCOPES

MIS (SEMICONDUCTORS)

UF METAL INSULATOR SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
MIS (SEMICONDUCTORS)
 SEMICONDUCTORS (MATERIALS)
MIS (SEMICONDUCTORS)
 RT SIS (SEMICONDUCTORS)

MISALIGNMENT

SN (EXCLUDES PSYCHOLOGICAL
 DISORIENTATION)
 UF MISORIENTATION
 RT ATTITUDE (INCLINATION)
 DISORIENTATION
 POSITION (LOCATION)

MISCIBILITY

USE SOLUBILITY

MISFETS

USE FIELD EFFECT TRANSISTORS

MISMATCH (ELECTRICAL)

RT ELECTRICAL MEASUREMENT
 IMPEDANCE MEASUREMENT
 MATCHING

MISORIENTATION

USE MISALIGNMENT

MISS DISTANCE

GS DISTANCE
MISS DISTANCE
 RT ACCURACY
 AIR TO SURFACE MISSILES

MISSILE ANTENNAS

GS ANTENNAS
MISSILE ANTENNAS
 MISSILE COMPONENTS
MISSILE ANTENNAS
 RT AIRCRAFT ANTENNAS
 DIRECTIONAL ANTENNAS
 MICROWAVE ANTENNAS

MISSILE BODIES

UF MISSILE CASES
 GS MISSILE COMPONENTS
MISSILE BODIES
 RT AIRFRAMES
 AXISYMMETRIC BODIES
 BLUNT BODIES
 ∞ BODIES
 CASES (CONTAINERS)
 FINNED BODIES
 ROCKET ENGINE CASES
 SLENDER BODIES
 STREAMLINED BODIES

MISSILE CASES

USE MISSILE BODIES

MISSILE COMPONENTS

GS **MISSILE COMPONENTS**
 MISSILE ANTENNAS
 MISSILE BODIES
 RT ∞ COMPONENTS
 ENGINES
 FINS
 NOSE CONES
 WARHEADS
 WINGS

MISSILE CONFIGURATIONS

GS **MISSILE CONFIGURATIONS**
 SANDPIPER TARGET MISSILE
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT CONFIGURATIONS
 ∞ CONFIGURATIONS
 HAMMERHEAD CONFIGURATION
 LAUNCH VEHICLE CONFIGURATIONS
 MISSILES
 MULTIENGINE VEHICLES
 PATRIOT MISSILE
 PROPULSION SYSTEM CONFIGURATIONS
 ROCKET ENGINES
 ROCKET VEHICLES

MISSILE CONSTRUCTION

USE MISSILE STRUCTURES

MISSILE CONTROL

UF MISSILE GUIDANCE
 MISSILE STABILIZATION
 RT ACTUATORS
 ANALOG COMPUTERS
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 AUTOMATIC FLIGHT CONTROL
 BEAM RIDER GUIDANCE
 ∞ CONTROL
 DIRECTIONAL CONTROL
 FLIGHT CONTROL
 GROUND BASED CONTROL
 HOMING
 LASER GUIDANCE
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MISSILES
 RADAR HOMING MISSILES
 RADIO CONTROL
 REMOTE CONTROL
 ROCKET ENGINE CONTROL
 SPACECRAFT CONTROL
 STAR TRACKERS
 THRUST VECTOR CONTROL
 VISUAL CONTROL

MISSILE DEFENSE

SN (SYSTEMS DESIGNED TO PROTECT
 MISSILES AGAINST ATTACK)

MISSILE DEFENSE-(CONT)

RT ANTIMISSILE DEFENSE
 ANTIMISSILE MISSILES
 ANTIRADIATION MISSILES
 BALLISTIC MISSILE DECOYS
 ∞ DEFENSE
 DEFENSE INDUSTRY
 DEFENSE PROGRAM
 HARDENING (SYSTEMS)
 MILITARY TECHNOLOGY
 MISSILES
 OPTICAL COUNTERMEASURES
 REENTRY DECOYS
 SAFEGUARD SYSTEM
 WEAPONS DELIVERY

MISSILE DESIGN

RT AEROSPACE ENGINEERING
 AIRCRAFT DESIGN
 COMPUTER AIDED DESIGN
 ∞ DESIGN
 ∞ DEVELOPMENT
 ENGINE DESIGN
 FLIGHT TESTS
 FUNCTIONAL DESIGN SPECIFICATIONS
 MAGNUS EFFECT
 RELIABILITY
 STRUCTURAL DESIGN
 SYSTEMS ENGINEERING

MISSILE DETECTION

GS DETECTION
MISSILE DETECTION
 RADAR DETECTION
 RT EARLY WARNING SYSTEMS
 ELECTRONIC WARFARE
 IDENTIFYING
 TARGET ACQUISITION
 TARGET RECOGNITION

MISSILE ENGINE CASES

USE ROCKET ENGINE CASES

MISSILE GUIDANCE

USE MISSILE CONTROL

MISSILE LAUNCHERS

GS LAUNCHERS
MISSILE LAUNCHERS
 MOBILE MISSILE LAUNCHERS
 RT BALLISTIC MISSILE SUBMARINES
 CATAPULTS
 GROUND SUPPORT EQUIPMENT
 GUN LAUNCHERS
 LAUNCH VEHICLES
 LAUNCHING
 LAUNCHING SITES
 MISSILES
 ROCKET LAUNCHERS
 SEA LAUNCHING
 WEAPON SYSTEMS

MISSILE RANGES

SN (EXCLUDES DISTANCE OF MISSILE
 TRAVEL)
 GS RANGES (FACILITIES)
 TEST RANGES
MISSILE RANGES
 TEST FACILITIES
 TEST RANGES
MISSILE RANGES
 RT BALLISTIC RANGES
 DOWNRANGE
 HYPERSONIC TEST APPARATUS
 MISSILES
 RANGE SAFETY
 REENTRY RANGE

MISSILE SIGNATURES

GS SIGNATURES
MISSILE SIGNATURES
 RT DETECTION
 SIGNATURE ANALYSIS
 TARGET RECOGNITION

MISSILE SILOS

UF SILOS (MISSILE STORAGE)
 RT ∞ BUILDINGS
 LAUNCHING SITES
 MX MISSILE
 ∞ STORAGE

MISSILE SIMULATORS

MISSILE SIMULATORS
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT COMPUTERIZED SIMULATION
 FLIGHT SIMULATORS
 MATHEMATICAL MODELS
 MISSILES
 SIMULATORS
 TRAINING SIMULATORS
 WIND TUNNEL MODELS

MISSILE STABILIZATION
 USE MISSILE CONTROL
 STABILIZATION

MISSILE STORAGE
 RT GROUND SUPPORT EQUIPMENT
 MOBILE MISSILE LAUNCHERS
 PROPELLANT STORAGE
 ∞ STORAGE
 UNDERGROUND STORAGE

MISSILE STRUCTURES
 UF MISSILE CONSTRUCTION
 RT AIRFRAMES
 ∞ STRUCTURES
 TAIL ASSEMBLIES

MISSILE SYSTEMS
 GS WEAPON SYSTEMS
 MISSILE SYSTEMS
 NIKE X SYSTEMS
 SAFEGUARD SYSTEM
 RT AEROSPACE SYSTEMS
 BEAM RIDER GUIDANCE
 MOBILE MISSILE LAUNCHERS
 RADAR HOMING MISSILES
 ∞ SYSTEMS

MISSILE TESTS
 RT CAPTIVE TESTS
 ENGINE TESTS
 FLIGHT TESTS
 FUEL TESTS
 GROUND TESTS
 MISSILES
 PRELAUNCH TESTS
 PROPELLANT TESTS
 STABILITY TESTS
 STATIC TESTS
 TEST FIRING
 TEST VEHICLES
 ∞ TESTS
 WIND TUNNEL STABILITY TESTS

MISSILE TRACKING
 GS TRACKING (POSITION)
 MISSILE TRACKING
 RT INFRARED TRACKING
 LASER TARGET DESIGNATORS
 POLYSTATION DOPPLER TRACKING
 SYSTEM
 RANGE AND RANGE RATE TRACKING
 SPACE DETECTION AND TRACKING
 SYSTEM
 SPACECRAFT TRACKING
 TRACKING NETWORKS
 TRACKING STATIONS

MISSILE TRAJECTORIES
 GS TRAJECTORIES
 MISSILE TRAJECTORIES
 RT ASCENT TRAJECTORIES
 BALLISTIC TRAJECTORIES
 COBRA DANE (RADAR)
 DESCENT TRAJECTORIES
 FLIGHT MECHANICS
 FLIGHT PATHS
 IMPACT PREDICTION
 PARABOLIC FLIGHT
 REENTRY TRAJECTORIES
 SPINNING UNGUIDED ROCKET
 TRAJECTORY
 UNDERWATER TRAJECTORIES

MISSILE VIBRATION
 GS VIBRATION
 STRUCTURAL VIBRATION
 MISSILE VIBRATION
 RT BENDING VIBRATION
 BREATHING VIBRATION
 FLUTTER
 LINEAR VIBRATION
 RANDOM VIBRATION

MISSILE VIBRATION-(CONT)
 SELF INDUCED VIBRATION
 SUPERSONIC FLUTTER
 TORSIONAL VIBRATION
 TRANSONIC FLUTTER

MISSILES
 GS MISSILES
 AIR SLEW MISSILES
 AIR TO AIR MISSILES
 FALCON MISSILE
 MATRA MISSILE
 SIDEWINDER MISSILES
 SPARROW MISSILES
 SPARROW 2 MISSILE
 SPARROW 3 MISSILE
 AIR TO SURFACE MISSILES
 BULLPUP MISSILES
 CONDOR MISSILE
 HARPOON MISSILE
 HOUND DOG MISSILE
 MAVERICK MISSILES
 QUAIL MISSILE
 SHRIKE MISSILE
 ANTELOPE MISSILE
 ANTI-AIRCRAFT MISSILES
 BOMARC MISSILES
 FALCON MISSILE
 MAULER MISSILE
 NIKE-AJAX MISSILE
 NIKE-HERCULES MISSILE
 REDEYE MISSILE
 SIAM MISSILES
 SIDEWINDER MISSILES
 TARTAR MISSILE
 TERRIER MISSILE
 ANTIMISSILE MISSILES
 MAULER MISSILE
 NIKE-ZEUS MISSILE
 SPARTAN MISSILE
 SPRINT MISSILE
 ANTIRADIATION MISSILES
 ANTISHIP MISSILES
 BALLISTIC MISSILES
 FIELD ARMY BALLISTIC MISSILES
 SUBROC MISSILE
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 MINUTEMAN ICBM
 TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 INTERMEDIATE RANGE BALLISTIC
 MISSILES
 BLUE STREAK MISSILE
 JUPITER MISSILE
 POLARIS MISSILES
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A3 MISSILE
 PERSHING MISSILE
 POSEIDON MISSILES
 SHORT RANGE BALLISTIC MISSILES
 SKYBOLT MISSILE
 V-2 MISSILE
 BLUE STEEL MISSILE
 BUMBLEBEE PROJECT
 CORVUS MISSILE
 OSPREY MISSILE
 PRECISION GUIDED PROJECTILES
 RADAR HOMING MISSILES
 RAMJET MISSILES
 NAVAHO MISSILE
 SUPERSONIC LOW ALTITUDE MISSILE
 SANDPIPER TARGET MISSILE
 SS-11 MISSILE
 SURFACE TO AIR MISSILES
 BLUE GOOSE MISSILE
 BOMARC MISSILES
 BOMARC A MISSILE
 BOMARC B MISSILE
 CHAPARRAL MISSILE
 HAWK MISSILE
 MAULER MISSILE
 NIKE MISSILES
 NIKE-AJAX MISSILE
 NIKE-HERCULES MISSILE
 NIKE-ZEUS MISSILE
 PATRIOT MISSILE
 REDEYE MISSILE
 SPRINT MISSILE
 TALOS MISSILE

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MISSILES-(CONT)
 TARTAR MISSILE
 TERRIER MISSILE
 SURFACE TO SURFACE MISSILES
 ANTITANK MISSILES
 SHILLELAGH MISSILES
 TOW MISSILES
 CORPORAL MISSILE
 CRUISE MISSILES
 NAVAHO MISSILE
 TOMAHAWK MISSILES
 FLEET BALLISTIC MISSILES
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A3 MISSILE
 POSEIDON MISSILES
 SUBROC MISSILE
 INTERCONTINENTAL BALLISTIC
 MISSILES
 ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 MINUTEMAN ICBM
 MX MISSILE
 TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 INTERMEDIATE RANGE BALLISTIC
 MISSILES
 BLUE STREAK MISSILE
 JUPITER MISSILE
 POLARIS MISSILES
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A3 MISSILE
 LANCE MISSILE
 MACE MISSILES
 PERSHING MISSILE
 REGULUS MISSILE
 SERGEANT MISSILES
 SHORT RANGE BALLISTIC MISSILES
 SUPERSONIC LOW ALTITUDE MISSILE
 V-1 MISSILE
 UNDERWATER TO SURFACE MISSILES
 SUBROC MISSILE

RT
 AMMUNITION
 ANTIMISSILE DEFENSE
 ANTISHIP WARFARE
 ARTILLERY
 ASCENT PROPULSION SYSTEMS
 AUXILIARY PROPULSION
 BOMBS (ORDNANCE)
 FLIGHT TEST VEHICLES
 ∞ FLIGHT VEHICLES
 GROUND SUPPORT EQUIPMENT
 GUIDANCE (MOTION)
 HOMING DEVICES
 HYPERSONIC FLIGHT
 INCENDIARY AMMUNITION
 LAUNCH VEHICLES
 LAUNCHING SITES
 MISSILE CONFIGURATIONS
 MISSILE CONTROL
 MISSILE DEFENSE
 MISSILE LAUNCHERS
 MISSILE RANGES
 ∞ MISSILE SIMULATORS
 MISSILE TESTS
 MULTIENGINE VEHICLES
 NIKE X SYSTEMS
 NUCLEAR WEAPONS
 PLASMA SHEATHS
 PROPULSION
 REENTRY
 REENTRY VEHICLES
 ROCKET CATAPULTS
 ROCKET ENGINES
 ROCKET PROPELLANTS
 ∞ ROCKETS
 ∞ SCRAM
 SPACECRAFT LAUNCHING
 SPIN STABILIZATION
 STAGE SEPARATION
 SUPERSONIC COMBUSTION RAMJET
 ENGINES
 SUPERSONIC FLIGHT
 TERMINAL BALLISTICS
 TEST VEHICLES
 TORPEDOES
 TRAJECTORIES
 TRANSPORTATION
 ∞ VEHICLES
 WARHEADS
 WEAPON SYSTEMS
 WEAPONS

MISSILES-(CONT)

∞ WINGED VEHICLES

MISSING MASS (ASTROPHYSICS)GS COSMOLOGY
MISSING MASS (ASTROPHYSICS)

MASS

RT MISSING MASS (ASTROPHYSICS)

ASTRONOMY
ASTROPHYSICS
DYNAMIC STABILITY
GALACTIC CLUSTERS
GALACTIC STRUCTURE
MASS DISTRIBUTION
MASS TO LIGHT RATIOS
VIRIAL THEOREM**MISSION PLANNING**GS PLANNING
MISSION PLANNING
RT BUDGETING
COMMERCE LAB
CRITICAL PATH METHOD
ESTIMATING
FORECASTING
MANAGEMENT
MANAGEMENT PLANNING
∞ MISSIONS
∞ OPERATIONS
OPERATIONS RESEARCH
PAYLOAD INTEGRATION
∞ PLANS
PREDICTIONS
PRELAUNCH SUMMARIES
PROGRAMS
PROJECT MANAGEMENT
SCHEDULING
ULYSSES MISSION∞ **MISSIONS**SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*RT ABORTED MISSIONS
ASTEROID MISSIONS
EARTH-VENUS TRAJECTORIES
EXPEDITIONS
FLYBY MISSIONS
GALILEO SPACECRAFT
GRAND TOURS
HEAT CAPACITY MAPPING MISSION
LANDSAT FOLLOW-ON MISSIONS
LONG DURATION SPACE FLIGHT
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
MISSION PLANNING
PLANNING
PROGRAMS
PROJECT PLANNING
PROJECTS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
SPACE FLIGHT
SPACE MISSIONS
TARGETS
ULYSSES MISSION
VOYAGER 1977 MISSION**MISSISSIPPI**GS NATIONS
UNITED STATES
MISSISSIPPI
RT GULF OF MEXICO**MISSISSIPPI DELTA (LA)**GS LANDFORMS
DELTAS
MISSISSIPPI DELTA (LA)
RT LOUISIANA
RIVERS**MISSISSIPPI RIVER (US)**GS RIVERS
MISSISSIPPI RIVER (US)
RT DRAINAGE PATTERNS
EARTH RESOURCES
FLOODS
RESOURCES
RIVER BASINS**MISSOURI**GS NATIONS
UNITED STATES
MISSOURI
RT MISSOURI RIVER (US)**MISSOURI-(CONT)**

ST LOUIS-KANSAS CITY CORRIDOR (MO)

MISSOURI RIVER (US)GS RIVERS
MISSOURI RIVER (US)
RT IOWA
KANSAS
MISSOURI
MONTANA
NEBRASKA
NORTH DAKOTA
RIVER BASINS
SOUTH DAKOTA
UNITED STATES
VALLEYS**MISSOURI RIVER BASIN (US)**GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
MISSOURI RIVER BASIN (US)
RT RIVERS
WATERSHEDS**MIST**SN (ATMOSPHERIC WATER)
GS PARTICLES
MIST
RT AEROSOLS
DISPERSIONS
FOG
FOG DISPERSAL
HAZE
HAZE DETECTION
PRECIPITATION (METEOROLOGY)**MITOCHONDRIA**GS CELLS (BIOLOGY)
MITOCHONDRIA
PYRIMIDINES
MITOCHONDRIA
RT CYTOLOGY**MITOSIS**RT CELLS (BIOLOGY)
CHROMOSOMES
CYTOLOGY
CYTOPLASM
MUTATIONS
PHYSIOLOGY
∞ REPRODUCTION**MITRA**RT FUNGI
PLANTS (BOTANY)**MIUS**

USE MODULAR INTEGRATED UTILITY SYSTEM

MIXED CRYSTALSGS CRYSTALS
MIXED CRYSTALS
RT POWDER METALLURGY
SINTERING**MIXED FLOW**

USE MULTIPHASE FLOW

MIXED OXIDESGS CHALCOGENIDES
OXIDES
METAL OXIDES
MIXED OXIDES
RT NUCLEAR FUELS
PLUTONIUM OXIDES
URANIUM OXIDES**MIXERS**SN (EXCLUDES MIXING CIRCUITS)
RT ADMIXTURES
AERATION
AEROSOLS
AGITATION
BAFFLES
BLOWERS
CARBURETORS
COALESCING
CONTACTORS
∞ DIFFUSERS
∞ DISPERSION
FEEDERS
GRINDING MILLS
MIXING**MIXERS-(CONT)**MIXTURES
PADDLES
PLOWS
PLUNGERS
SEPARATORS
SHAKERS
SPRAYERS
STIRRING
TUMBLING MOTION**MIXING**GS COLLOIDING
COMPOUNDING
DISSOLVING
HOMOGENIZING
LAMINAR MIXING
PREMIXING
SIGNAL MIXING
SUSPENDING (MIXING)
TURBULENT MIXING

RT

AERATION
AGITATION
BLOWING
CHOKES
DIFFUSION
DILUTION
GRINDING (COMMINUTION)
JET MIXING FLOW
LIQUID INJECTION
METAL POWDER
MIXERS
MIXTURES
PREMIXED FLAMES
∞ SEPARATION
SHAKING
SPRAYING
SWIRLING
TANGLING
TRAPPED VORTEXES
TURBULENCE
VORTICES**MIXING CIRCUITS**GS CIRCUITS
MIXING CIRCUITS
RT FREQUENCY CONVERTERS
FREQUENCY SYNTHESIZERS
HETERODYNING
PREAMPLIFIERS**MIXING DEPTH**

USE MIXING HEIGHT

MIXING HEIGHTUF MIXING DEPTH
RT AIR POLLUTION
ATMOSPHERIC CIRCULATION
CONVECTION
CONVECTION CURRENTS
VERTICAL AIR CURRENTS
WIND (METEOROLOGY)**MIXING LENGTH FLOW THEORY**GS FLOW THEORY
MIXING LENGTH FLOW THEORY
KINETIC THEORY
TRANSPORT THEORY
MIXING LENGTH FLOW THEORY
RT SHEAR FLOW
∞ THEORIES
TURBULENT FLOW
TURBULENT MIXING
VORTICITY TRANSPORT HYPOTHESIS**MIXTURES**UF BLENDS
GS MIXTURES
ADMIXTURES
BINARY MIXTURES
BINARY FLUIDS
EUTECTICS
EUTECTIC ALLOYS
DISPERSIONS
COLLOIDS
AEROSOLS
FOG
COLLOIDAL PROPELLANTS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
LIQUID-GAS MIXTURES
AEROSOLS
FOG

ML-1 NUCLEAR POWER PLANT

MIXTURES-(CONT)

PLASTISOLS
SMOKE
GADOLINIUM ALLOYS
METAL MATRIX COMPOSITES
BORSIC (TRADENAME)
SIALON
SLURRIES
SOLID SUSPENSIONS
SOLUTIONS
AQUEOUS SOLUTIONS
GAS MIXTURES
DETONABLE GAS MIXTURES
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
SOLID SOLUTIONS
RT ALLOYS
AZEOTROPES
∞ COMBINATION
COMPOSITE MATERIALS
COMPOSITION (PROPERTY)
DISSOLVED GASES
EUTECTIC COMPOSITES
FORMULATIONS
GADOLINIUM ALLOYS
INGREDIENTS
MIXERS
MIXING
MONOTECTIC ALLOYS
PASTE (CONSISTENCY)
SOLUBILITY
SYNTECTIC ALLOYS

ML-1 NUCLEAR POWER PLANT

GS ELECTRIC POWER PLANTS
NUCLEAR POWER PLANTS
ML-1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER PLANTS
ML-1 NUCLEAR POWER PLANT
RT ∞ POWER PLANTS

MLA

USE MULTISPECTRAL LINEAR ARRAYS

MMS

USE MULTIMISSION MODULAR SPACECRAFT

MNEMONICS

RT MEMORY
NOMENCLATURES
SYMBOLIC PROGRAMMING
SYMBOLS

MNOS

USE METAL-NITRIDE-OXIDE-SILICON

MOBILE COMMUNICATION SYSTEMS

GS MOBILE COMMUNICATION SYSTEMS
LAND MOBILE SATELLITE SERVICE
RT COMMUNICATION SATELLITES
MSAT
RADIO COMMUNICATION

MOBILE LOUNGES

RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
GROUND HANDLING
∞ LOUNGES

MOBILE MISSILE LAUNCHERS

GS LAUNCHERS
MISSILE LAUNCHERS
MOBILE MISSILE LAUNCHERS
RT BALLISTIC MISSILE SUBMARINES
MISSILE STORAGE
MISSILE SYSTEMS
WEAPON SYSTEMS

MOBILE QUARANTINE FACILITY

RT AEROSPACE MEDICINE
EVACUATING (TRANSPORTATION)
∞ FACILITIES
MEDICAL EQUIPMENT
MEDICAL SERVICES
PHYSICAL EXAMINATIONS
PHYSIOLOGICAL TESTS

MOBILITY

SN (EXCLUDES CONSIDERATIONS OF
MANNED AND UNMANNED CRAFT)
GS MOBILITY
ATOMIC MOBILITIES

MOBILITY-(CONT)

CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
IONIC MOBILITY
RT ∞ CONDUCTIVITY
DIFFUSIVITY
DRIFT RATE
HALL EFFECT
KINETIC THEORY
PORTABLE EQUIPMENT
TRANSPORT PROPERTIES

MODAL RESPONSE

UF MODE SHAPES
GS RESPONSES

MODAL RESPONSE

RT DYNAMIC RESPONSE
STROKING TESTS

MODCOMP II COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MODCOMP II COMPUTER

MODCOMP IV COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MODCOMP IV COMPUTER

∞ MODE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT FAILURE MODES
MODE (STATISTICS)
MODES

MODE (STATISTICS)

RT AVERAGE
DISTRIBUTION MOMENTS
FAILURE MODES
MEAN
MEDIAN (STATISTICS)
∞ MODE
MODES
MOMENTS
QUALITY CONTROL

MODE COUPLING

USE COUPLED MODES

MODE OF VIBRATION

USE VIBRATION MODE

MODE SHAPES

USE MODAL RESPONSE

MODE TRANSFORMERS

GS TRANSDUCERS
MODE TRANSFORMERS
TRANSFORMERS
MODE TRANSFORMERS
RT IMPEDANCE MATCHING
PROPAGATION MODES
TRANSMISSION LINES
VIBRATION MODE
WAVEGUIDE TUNERS

MODELS

GS MODELS
AIRCRAFT MODELS
ASTRONOMICAL MODELS
DENSITY WAVE MODEL
STELLAR MODELS
ATMOSPHERIC MODELS
REFERENCE ATMOSPHERES
BREADBOARD MODELS
DYNAMIC MODELS
ENVIRONMENT MODELS
GUTENBERG ZONE
HYDROLOGY MODELS
LIGHTHILL GAS MODEL
MATHEMATICAL MODELS
ANALOG SIMULATION
BIOLOGICAL MODELS (MATHEMATICS)
DIGITAL SIMULATION
THOMAS-FERMI MODEL
VENEZIANO MODEL
NUCLEAR MODELS
OCEAN MODELS
QUARK PARTON MODEL

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MODELS-(CONT)

SCALE MODELS
SEMISPAN MODELS
SPACECRAFT MODELS
STATIC MODELS
VECTOR DOMINANCE MODEL
WIND TUNNEL MODELS
POWERED MODELS
RT ANALOGS
DUMMIES
LAYOUTS
PILOT PLANTS
REPLICAS
SIMULATORS
TEST FACILITIES

MODEMS

UF MODULATORS-DEMULATORS
GS DEMODULATORS
MODEMS
MODULATORS
MODEMS
RT DATA TRANSMISSION
PHASE DEMODULATORS
PHASE MODULATION
PULSE AMPLITUDE MODULATION
PULSE COMMUNICATION
PULSE DURATION MODULATION
PULSE FREQUENCY MODULATION
PULSE MODULATION
PULSE POSITION MODULATION

MODERATION (ENERGY ABSORPTION)

GS ENERGY ABSORPTION
MODERATION (ENERGY ABSORPTION)
THERMALIZATION (ENERGY
ABSORPTION)
NEUTRON THERMALIZATION
RT ∞ ABSORPTION
LIMITERS (FUSION REACTORS)
MODERATORS

MODERATORS

RT BERYLLIUM
BLANKETS (FUSION REACTORS)
GRAPHITE
HEAVY WATER
LIMITERS (FUSION REACTORS)
MODERATION (ENERGY ABSORPTION)
NEUTRON ABSORBERS
NUCLEAR REACTORS
REACTOR MATERIALS
WATER

MODES

GS MODES
AXIAL MODES
BALLOONING MODES
COUPLED MODES
FAILURE MODES
LASER MODES
MODES (STANDING WAVES)
PROPAGATION MODES
PUSHBROOM SENSOR MODES
VIBRATION MODE
UNCOUPLLED MODES
RT ∞ MODE
MODE (STATISTICS)
TEARING MODES (PLASMAS)

MODES (STANDING WAVES)

GS MODES
MODES (STANDING WAVES)
RT UNCOUPLED MODES
VIBRATION

MODIFICATION

USE REVISIONS

MODULAR INTEGRATED UTILITY SYSTEM

UF MIUS
RT AIR CONDITIONING
COMMUNITIES
ELECTRIC POWER PLANTS
HEATING
POTABLE WATER
SEWAGE TREATMENT
∞ SYSTEMS
UTILITIES
WASTE DISPOSAL

MODULAR RATIOS

GS MECHANICAL PROPERTIES
MODULAR RATIOS
RATIOS

MODULAR RATIOS-(CONT)**MODULAR RATIOS**

RT COMPOSITE MATERIALS
STRESS RATIO
STRUCTURAL ANALYSIS
STRUCTURAL ENGINEERING

MODULARITY

RT ARCHITECTURE (COMPUTERS)
AVIONICS
COMPUTER PROGRAMS
ELECTRONIC MODULES
SYSTEMS ENGINEERING

MODULATED CONTINUOUS RADIATION

GS CONTINUOUS RADIATION
MODULATED CONTINUOUS RADIATION
ELECTROMAGNETIC RADIATION
MODULATED CONTINUOUS RADIATION
RT COHERENT ELECTROMAGNETIC
RADIATION
PHASE DEVIATION
∞ RADIATION

MODULATING RETRODIRECTIVE OPTICS

USE MIROS SYSTEM

MODULATION

UF CARRIER MODULATION
GS **MODULATION**
AMPLITUDE MODULATION
FREQUENCY MODULATION
FEEDBACK FREQUENCY MODULATION
FM/PM (MODULATION)
FREQUENCY SHIFT KEYING
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
INTERMODULATION
IONOSPHERIC CROSS MODULATION
LIGHT MODULATION
MIROS SYSTEM
ULTRASONIC LIGHT MODULATION
PHASE MODULATION
FM/PM (MODULATION)
PHASE SHIFT KEYING
PULSE MODULATION
PULSE AMPLITUDE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
PULSE TIME MODULATION
PULSE DURATION MODULATION
PULSE POSITION MODULATION
TRAVELING WAVE MODULATION
VELOCITY MODULATION
RT CARRIER FREQUENCIES
CARRIER WAVES
COMPANDING
CRYSTALLIZATION
DEMODULATION
DEMODULATORS
DOUBLE SIDEBAND TRANSMISSION
INTERFERENCE FACTOR TABLE
MODULATORS
P.A.C.M. TELEMETRY
RADIO TRANSMISSION
REMULATION
SELECTIVE FADING
TELECOMMUNICATION
WAVE INTERACTION

MODULATION TRANSFER FUNCTION

UF MTF
GS FUNCTIONS (MATHEMATICS)
TRANSFER FUNCTIONS
MODULATION TRANSFER FUNCTION
RT FIGURE OF MERIT
IMAGING TECHNIQUES
OPTICAL MEASUREMENT
OPTICAL TRANSFER FUNCTION
∞ PERFORMANCE
SYSTEM EFFECTIVENESS
SYSTEMS ANALYSIS

MODULATORS

GS **MODULATORS**
MODEMS
RT AMPLIFIERS
AMPLITUDE MODULATION
DEMODULATORS

MODULATORS-(CONT)

ELECTRON TUBES
FREQUENCY MODULATION
LIGHT MODULATION
MATCHED FILTERS
MODULATION
PHASE MODULATION
PULSE MODULATION

MODULATORS-DEMODULATORS

USE MODEMS

MODULES

GS **MODULES**
AIRLOCK MODULES
CHEMICAL RELEASE MODULES
ELECTRONIC MODULES
MICROMODULES
LOCAL SCIENTIFIC SURVEY MODULE
PAYLOAD ASSIST MODULE
POWER MODULES (STS)
SERVICE MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MARS EXCURSION MODULE
SIM
RT CIRCUITS
COMPARTMENTS
∞ COMPONENTS
INSTRUMENT PACKAGES
SPACE TUGS
SPARE PARTS

MODULUS OF ELASTICITY

UF COMPLIANCE (ELASTICITY)
ELASTIC MODULUS
YOUNG MODULUS
GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
MODULUS OF ELASTICITY
DYNAMIC MODULUS OF ELASTICITY
RT ANELASTICITY
BENDING
HOOKES LAW
HYDROELASTICITY
POISSON RATIO
PROPORTIONAL LIMIT
∞ RIGIDITY
SHEAR PROPERTIES
STIFFNESS
STRESS-STRAIN DIAGRAMS

MOHAWK AIRCRAFT

USE OV 1 AIRCRAFT

MOHR CIRCLES

USE FRACTURE MECHANICS

MOIRE EFFECTS

RT BEAT FREQUENCIES
BIREFRINGENCE
DIFFRACTION
∞ EFFECTS
FRINGE MULTIPLICATION
INTERFERENCE GRATING
∞ METHODOLOGY
MOIRE FRINGES
MOIRE INTERFEROMETRY
PHOTOELASTIC ANALYSIS
SCHLIEREN PHOTOGRAPHY

MOIRE FRINGES

RT DIFFRACTION PATTERNS
FRINGE MULTIPLICATION
INTERFERENCE GRATING
MOIRE EFFECTS
STRESS ANALYSIS
STRESS CONCENTRATION

MOIRE INTERFEROMETRY

GS INTERFEROMETRY
MOIRE INTERFEROMETRY
RT DIFFRACTION PATTERNS
HOLOGRAPHIC INTERFEROMETRY
MOIRE EFFECTS

MOISTURE

GS **MOISTURE**

MOISTURE-(CONT)

SOIL MOISTURE
RT HUMIDITY
HYGRAL PROPERTIES
METEOROLOGICAL PARAMETERS
METEOROLOGY
WATER
WATER VAPOR

MOISTURE CONTENT

UF DAMPNESS
WATER CONTENT
WETNESS
GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
MOISTURE CONTENT
ATMOSPHERIC MOISTURE
RT ATMOSPHERIC COMPOSITION
CHEMICAL PROPERTIES
HUMIDITY
HYDROTHERMAL STRESS ANALYSIS
HYGROSCOPICITY
LYSIMETERS
SOIL MOISTURE
WATER
WATER VAPOR

MOISTURE DETECTORS

USE MOISTURE METERS

MOISTURE METERS

UF MOISTURE DETECTORS
GS MEASURING INSTRUMENTS
MOISTURE METERS
HYGROMETERS
PSYCHROMETERS
RT CHEMICAL ANALYSIS
HUMIDITY
HUMIDITY MEASUREMENT

MOISTURE RESISTANCE

RT CAULKING
COATINGS
HYDROTHERMAL STRESS ANALYSIS
HYGROSCOPICITY
POROSITY
∞ RESISTANCE
SEALING
WATERPROOFING
WEATHERPROOFING

MOJAVE DESERT (CA)

GS LAND
DESERTS
MOJAVE DESERT (CA)
RT ARID LANDS
CALIFORNIA
DESERTIFICATION
REMOTE REGIONS

MOL (ORBITAL LABORATORIES)

USE MANNED ORBITAL LABORATORIES

MOLABS

USE LUNAR MOBILE LABORATORIES

∞ MOLD

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ASPERGILLUS
FUNGI
MOLDS
RHIZOPUS
RUST FUNGI

MOLDAVITE

GS ROCKS
IGNEOUS ROCKS
OBSIDIAN
MOLDAVITE
RT GLASS
METEORITES
SOILS

MOLDING MATERIALS

RT BINDERS (MATERIALS)
CASTING
CLAYS
CORES
INJECTION MOLDING
∞ MATERIALS
MOLDS
PLASTERS

MOLDS

MOLDING MATERIALS-(CONT)

PLASTICS
SAND CASTING
SANDS
TENITE

MOLDS

SN (EXCLUDES ORGANISMS)
RT CASTING
CASTINGS
DIES
FLAT PATTERNS
FOUNDRIES
INGOTS
INJECTION MOLDING
MANDRELS
MELTING
∞ MOLD
MOLDING MATERIALS
ORGANIC MATERIALS
∞ PATTERNS
PREFORMS
PRESSING (FORMING)
PUNCHES
TABLETS
TEMPLATES

MOLECULAR ABSORPTION

GS ENERGY ABSORPTION
MOLECULAR ABSORPTION
RADIATION ABSORPTION
MOLECULAR ABSORPTION
RT ∞ ABSORPTION
ATMOSPHERIC ATTENUATION
BEER LAW
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION

MOLECULAR BEAM EPITAXY

GS GROWTH
CRYSTAL GROWTH
EPITAXY
MOLECULAR BEAM EPITAXY

MOLECULAR BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
NEUTRAL BEAMS
MOLECULAR BEAMS
RT ATOMIC BEAMS
ATOMIC CLOCKS
FREE MOLECULAR FLOW
ION BEAMS
MOLECULES
RAREFIED GAS DYNAMICS

MOLECULAR BIOLOGY

GS LIFE SCIENCES
MOLECULAR BIOLOGY
RT BIOCHEMISTRY
∞ BIOLOGY
PHYSIOCHEMISTRY

MOLECULAR BONDS

USE CHEMICAL BONDS

MOLECULAR CHAINS

RT CHAINS
CRYSTAL LATTICES
MONOMERS

MOLECULAR CLOUDS

GS CLOUDS
MOLECULAR CLOUDS
RT ASTRONOMICAL MODELS
COSMIC DUST
HYDROGEN CLOUDS
INTERSTELLAR CHEMISTRY
INTERSTELLAR GAS
INTERSTELLAR MASERS
INTERSTELLAR MATTER

MOLECULAR COLLISIONS

GS COLLISIONS
MOLECULAR COLLISIONS
PARTICLE INTERACTIONS
MOLECULAR INTERACTIONS
MOLECULAR COLLISIONS
RT ATOMIC COLLISIONS
∞ INTERACTIONS
PARTICLE COLLISIONS
RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR DIFFUSION

GS DIFFUSION
MOLECULAR DIFFUSION
RT ATMOSPHERIC DIFFUSION
DIFFUSION COEFFICIENT
DIFFUSION WAVES
DISSOCIATION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
PARTICLE DIFFUSION
SELF DIFFUSION (SOLID STATE)
SURFACE DIFFUSION

MOLECULAR DISSOCIATION

USE DISSOCIATION

MOLECULAR ELECTRONICS

GS ELECTROPHYSICS
MOLECULAR ELECTRONICS
RT DTL INTEGRATED CIRCUITS
∞ ELECTRONICS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MONOMOLECULAR FILMS
PI-ELECTRONS
SEMICONDUCTOR DEVICES
THIN FILMS
TTL INTEGRATED CIRCUITS

MOLECULAR ENERGY LEVELS

GS LEVEL (QUANTITY)
ENERGY LEVELS
MOLECULAR ENERGY LEVELS
INTERMOLECULAR FORCES
RT CHEMICAL ENERGY
∞ ENERGY
ENERGY OF FORMATION
EXCIMERS
FREE ENERGY
HEAT OF SOLUTION
INTERNAL ENERGY
∞ NUCLEAR ENERGY

MOLECULAR EXCITATION

GS EXCITATION
MOLECULAR EXCITATION
RT ATOMIC EXCITATIONS
ENERGY LEVELS
IONIZATION
PARTICLE COLLISIONS

MOLECULAR FLOW

SN (FLOW WITH KNUDSEN NUMBERS
GREATER THAN 0.01--FOR SPECIFIC
FLOWS IN THIS RANGE USE
NARROWER TERMS--FOR DUCTED
MOLECULAR FLOW USE KNUDSEN
FLOW)
GS FLUID FLOW
GAS FLOW
MOLECULAR FLOW
SLIP FLOW
TRANSITION FLOW
RT BOUNDARY LAYER TRANSITION
CONTINUUM FLOW
KNUDSEN FLOW
LOW DENSITY FLOW
RAREFIED GAS DYNAMICS
TRANSPIRATION

MOLECULAR GASES

GS GASES
MOLECULAR GASES
POLAR GASES
POLYATOMIC GASES
DIATOMIC GASES
RT ASSOCIATION REACTIONS
GAS DYNAMICS
MONATOMIC GASES
NONPOLAR GASES
RAREFIED GASES
REAL GASES

MOLECULAR INTERACTIONS

GS PARTICLE INTERACTIONS
MOLECULAR INTERACTIONS
INTERSTELLAR CHEMISTRY
MOLECULAR COLLISIONS
RT CONFIGURATION INTERACTION
DISSOCIATION
∞ INTERACTIONS
INTERMOLECULAR FORCES

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MOLECULAR INTERACTIONS-(CONT)

INTERNUCLEAR PROPERTIES
IONIC REACTIONS
LENNARD-JONES POTENTIAL
MASS FLOW
∞ MOLECULAR PHYSICS
TRANSPORT THEORY

MOLECULAR IONS

GS IONS
MOLECULAR IONS
RT FORMYL IONS
∞ MOLECULAR PHYSICS
POSITIVE IONS

MOLECULAR ORBITALS

GS ORBITALS
MOLECULAR ORBITALS
WAVE FUNCTIONS
RT MOLECULAR ORBITALS
QUANTUM THEORY
SELF CONSISTENT FIELDS

MOLECULAR OSCILLATIONS

GS OSCILLATIONS
MOLECULAR OSCILLATIONS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
GAS LASERS
OSCILLATOR STRENGTHS

MOLECULAR OSCILLATORS

GS OSCILLATORS
MOLECULAR OSCILLATORS
RT LASERS
MASERS
OSCILLATOR STRENGTHS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

∞ MOLECULAR PHYSICS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT INTERNUCLEAR PROPERTIES
MAYER PROBLEM
MOLECULAR INTERACTIONS
MOLECULAR IONS
MONATOMIC MOLECULES
∞ PHYSICS
∞ SCIENCE

MOLECULAR PUMPS

GS PUMPS
VACUUM PUMPS
MOLECULAR PUMPS
VACUUM APPARATUS
VACUUM PUMPS
MOLECULAR PUMPS
RT PLASMA PUMPING
PUMP SEALS

MOLECULAR RELAXATION

UF CHEMICAL RELAXATION
VIBRATIONAL RELAXATION
RT GAS FLOW
POPULATION INVERSION
∞ RELAXATION
RELAXATION (MECHANICS)
RELAXATION TIME
SHOCK WAVES
THERMODYNAMICS
VIBRATION DAMPING
VIBRATIONAL SPECTRA

MOLECULAR ROTATION

GS GYRATION
ROTATION
MOLECULAR ROTATION
RT MICROWAVE SPECTRA
RAMAN SPECTRA
RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR SHIELDS

RT CONTAMINATION
HIGH VACUUM
INSTRUMENT PACKAGES
SPACEBORNE EXPERIMENTS

MOLECULAR SIEVES

USE ABSORBENTS

MOLECULAR SPECTRA

GS SPECTRA
MOLECULAR SPECTRA
 ELECTRONIC SPECTRA
 RAMAN SPECTRA
 VIBRATIONAL SPECTRA
 RT ABSORPTION SPECTRA
 ELECTROMAGNETIC SPECTRA
 EMISSION SPECTRA
 ENERGY SPECTRA
 INFRARED SPECTRA
 MASS SPECTRA
 MICROWAVE SPECTRA
 OXYGEN SPECTRA
 SOLAR SPECTRA
 STELLAR SPECTRA
 SWAN BANDS
 ULTRAVIOLET SPECTRA
 VEGARD-KAPLAN BANDS
 VISIBLE SPECTRUM

MOLECULAR SPECTROSCOPY

GS SPECTROSCOPY
MOLECULAR SPECTROSCOPY
 RAMAN SPECTROSCOPY
 RT ABSORPTION SPECTRA
 ELECTRON SPECTROSCOPY
 EMISSION SPECTRA
 INFRARED SPECTROSCOPY
 LINE SPECTRA
 MICROWAVE SPECTRA
 OPTOGALVANIC SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 ULTRAVIOLET SPECTROSCOPY
 VACUUM SPECTROSCOPY
 X RAY SPECTROSCOPY

MOLECULAR STRUCTURE

RT ATOMIC INTERACTIONS
 ATOMIC STRUCTURE
 COMPLEX COMPOUNDS
 CONFIGURATION INTERACTION
 CRYSTAL LATTICES
 INFRARED SPECTROSCOPY
 INTERMOLECULAR FORCES
 INTRAMOLECULAR STRUCTURES
 MOLECULES
 MONATOMIC MOLECULES
 NUCLEAR MAGNETIC RESONANCE
 NUCLEAR MODELS
 ORDER-DISORDER TRANSFORMATIONS
 POLYATOMIC MOLECULES
 POLYMER
 ∞ STRUCTURES
 UNIMOLECULAR STRUCTURES
 WISWESSER NOTATIONS

MOLECULAR THEORY

RT LIGHTHILL GAS MODEL
 ∞ THEORIES

MOLECULAR TRAJECTORIES

GS TRAJECTORIES
MOLECULAR TRAJECTORIES
 RT GAS FLOW

MOLECULAR WEIGHT

GS **MOLECULAR WEIGHT**
 LOW MOLECULAR WEIGHTS
 RT MOLECULES
 MONATOMIC MOLECULES
 POLYATOMIC MOLECULES
 WEIGHT (MASS)

MOLECULES

UF MACROMOLECULES
 GS **MOLECULES**
 DIATOMIC MOLECULES
 MONATOMIC MOLECULES
 POLYATOMIC MOLECULES
 TRIATOMIC MOLECULES
 RT ATOMS
 CHEMICAL BONDS
 ∞ CHEMICAL COMPOUNDS
 IONS
 LOW MOLECULAR WEIGHTS
 MOLECULAR BEAMS
 MOLECULAR STRUCTURE
 MOLECULAR WEIGHT

MOLES

GS ANIMALS
MOLES

MOLIERE FORMULA

USE COSMIC RAY SHOWERS
 SECONDARY COSMIC RAYS
 SPATIAL DISTRIBUTION

MOLLIER DIAGRAM

UF ENTHALPY-ENTROPY DIAGRAMS
 GS CHARTS
 GRAPHS (CHARTS)
MOLLIER DIAGRAM
 DIAGRAMS
MOLLIER DIAGRAM
 RT ENTHALPY
 ENTROPY
 EQUATIONS OF STATE
 IDEAL FLUIDS
 ISENTROPE
 THERMODYNAMICS

MOLLUSKS

GS ANIMALS
 INVERTEBRATES
 ARTHROPODS
 CEPHALOPODS
MOLLUSKS
 RT SHELLFISH

MOLNIYA SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
MOLNIYA SATELLITES
 SOVIET SATELLITES
MOLNIYA SATELLITES
 RT ELECTRIC DISCHARGES
 RADIO RELAY SYSTEMS
 SATELLITE NETWORKS
 TELECOMMUNICATION
 TELEVISION TRANSMISSION
 U S R SPACE PROGRAM

MOLTEN SALT ELECTROLYTES

GS CONDUCTORS
 ELECTROLYTES
MOLTEN SALT ELECTROLYTES

MOLTEN SALT NUCLEAR REACTORS

UF MSRE REACTORS
 GS NUCLEAR REACTORS
MOLTEN SALT NUCLEAR REACTORS
 RT ∞ REACTORS

MOLTEN SALTS

RT HALIDES
 HALITES
 INORGANIC COMPOUNDS
 NITRIDES
 SALT BATHS
 ∞ SALTS
 SODIUM CHLORIDES

MOLTING

RT PHENOLOGY
 SHEDDING

MOLYBDATES

GS MOLYBDENUM COMPOUNDS
MOLYBDATES

MOLYBDENUM

GS CHEMICAL ELEMENTS
 REFRACTORY METALS
MOLYBDENUM
 METALS
 TRANSITION METALS
 REFRACTORY METALS
MOLYBDENUM
 REFRACTORY MATERIALS
 REFRACTORY METALS
MOLYBDENUM

MOLYBDENUM ALLOYS

GS ALLOYS
 HEAT RESISTANT ALLOYS
 REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
 RENE 41
 RENE 63
 RENE 77
 REFRACTORY MATERIALS
 REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
 RENE 41
 RENE 63

MOLYBDENUM ALLOYS-(CONT)

RENE 77
 RT HASTELLOY (TRADEMARK)
 MULBERRY (ALLOY)
 PERMALLOYS (TRADEMARK)
 STAINLESS STEELS

MOLYBDENUM CARBIDES

GS CARBON COMPOUNDS
 CARBIDES
MOLYBDENUM CARBIDES

MOLYBDENUM COMPOUNDS

GS **MOLYBDENUM COMPOUNDS**
 LEAD MOLYBDATES
 MOLYBDATES
 MOLYBDENUM DISULFIDES
 MOLYBDENUM OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

MOLYBDENUM DISULFIDES

GS CHALCOGENIDES
 SULFIDES
 INORGANIC SULFIDES
 MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
 MOLYBDENUM COMPOUNDS
MOLYBDENUM DISULFIDES
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
 MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES

MOLYBDENUM OXIDES

GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
MOLYBDENUM OXIDES
 MOLYBDENUM COMPOUNDS
MOLYBDENUM OXIDES

MOLYBDENUM SULFIDES

GS CHALCOGENIDES
 SULFIDES
 INORGANIC SULFIDES
MOLYBDENUM SULFIDES
 MOLYBDENUM DISULFIDES
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
MOLYBDENUM SULFIDES
 MOLYBDENUM DISULFIDES

MOM (SEMICONDUCTORS)

UF METAL-OXIDE-METAL SEMICONDUCTORS
 GS SEMICONDUCTORS (MATERIALS)
MOM (SEMICONDUCTORS)
 RT ION IMPLANTATION

MOMENT DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
MOMENT DISTRIBUTION
 RT ANGULAR DISTRIBUTION
 FORCE DISTRIBUTION
 INFLUENCE COEFFICIENT
 LOADING MOMENTS
 LOADS (FORCES)
 MASS DISTRIBUTION
 METHOD OF MOMENTS
 MOMENTS
 MOMENTS OF INERTIA
 PRESSURE DISTRIBUTION
 STATIC LOADS
 STRESS CONCENTRATION
 STRUCTURAL ANALYSIS
 STRUCTURAL DESIGN CRITERIA

MOMENTS

GS **MOMENTS**
 BENDING MOMENTS
 DIPOLE MOMENTS
 ELECTRIC MOMENTS
 MAGNETIC MOMENTS
 DISTRIBUTION MOMENTS
 MEAN
 ORTHOGONALITY
 STANDARD DEVIATION
 LOADING MOMENTS
 MOMENTS OF INERTIA
 STABILITY DERIVATIVES
 PITCHING MOMENTS
 ROLLING MOMENTS

MOMENTS OF INERTIA

MOMENTS-(CONT)

YAWING MOMENTS
TORQUE
RT METHOD OF MOMENTS
MODE (STATISTICS)
MOMENT DISTRIBUTION
MOMENTUM
SKEWNESS
TORSION
VARIANCE (STATISTICS)

MOMENTS OF INERTIA

UF INERTIA MOMENTS
GS MOMENTS
RT MOMENTS OF INERTIA
ANGULAR MOMENTUM
CENTER OF GRAVITY
CENTER OF PRESSURE
CENTROIDS
EQUATIONS OF MOTION
EULER EQUATIONS OF MOTION
INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
MASS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PITCHING MOMENTS
ROLLING MOMENTS
STABILITY DERIVATIVES
STRESS ANALYSIS
STRUCTURAL STRAIN
TORQUE
YAWING MOMENTS

MOMENTUM

GS MOMENTUM
ANGULAR MOMENTUM
RT CLASSICAL MECHANICS
DE BROGLIE WAVELENGTHS
∞ DYNAMICS
MOMENTS
∞ MOTION
MOTION AFTEREFFECTS
PENDULUMS
TURNING FLIGHT

MOMENTUM ENERGY

USE KINETIC ENERGY

MOMENTUM THEORY

RT CONSERVATION LAWS
NEWTON SECOND LAW
∞ THEORIES

MOMENTUM TRANSFER

RT ∞ DYNAMICS
ENERGY TRANSFER
GAS-LIQUID INTERACTIONS
HYDRODYNAMIC RAM EFFECT
KINETIC THEORY
KINETICS
PRANDTL NUMBER
TRANSFERRING

MONACO

GS NATIONS
MONACO
RT EUROPE

MONATOMIC GASES

UF ATOMIC GASES
GS GASES
MONATOMIC GASES
RT CHAPMAN-ENSKOG THEORY
MOLECULAR GASES
RARE GASES
REAL GASES

MONATOMIC MOLECULES

GS MOLECULES
MONATOMIC MOLECULES
RT ATOMS
CHEMICAL BONDS
∞ CHEMICAL COMPOUNDS
IONS
LOW MOLECULAR WEIGHTS
∞ MOLECULAR PHYSICS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

MONAURAL SIGNALS

RT AUDIO EQUIPMENT

MONAURAL SIGNALS-(CONT)

AUDIO FREQUENCIES
AUDITORY PERCEPTION
AUDITORY SIGNALS
LOUDSPEAKERS
MICROPHONES
SOUND TRANSMISSION

MONAZITE SANDS

GS PHOSPHORUS COMPOUNDS
PHOSPHATES
MONAZITE SANDS
SEDIMENTS
SANDS
MONAZITE SANDS
SOILS
SANDS
MONAZITE SANDS
RT MINERALS
SEDIMENTARY ROCKS

MONEL (TRADEMARK)

GS ALLOYS
NICKEL ALLOYS
MONEL (TRADEMARK)

MONGE-AMPERE EQUATION

GS ALGEBRA
NONLINEAR EQUATIONS
MONGE-AMPERE EQUATION
ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
ELLIPTIC DIFFERENTIAL
EQUATIONS
MONGE-AMPERE EQUATION
NONLINEAR EQUATIONS
MONGE-AMPERE EQUATION
RT BOUNDARY VALUE PROBLEMS
∞ EQUATIONS

MONGOLIA

GS NATIONS
MONGOLIA
RT ASIA

MONITORS

GS MONITORS
INFRARED RADIOMETERS
RT AIRCRAFT INSTRUMENTS
ALARM PROJECT
ANALYZERS
CONICAL SCANNING
COUNTERS
DATA RECORDERS
∞ DETECTORS
DISPLAY DEVICES
ENVIRONMENTAL MONITORING
GAS DETECTORS
HELMET MOUNTED DISPLAYS
IN-FLIGHT MONITORING
∞ INSTRUMENTS
∞ MEASUREMENT
MEASURING INSTRUMENTS
OPTICAL SCANNERS
POLLUTION MONITORING
RADIATION MEASURING INSTRUMENTS
SCANNING
WARNING
WARNING SYSTEMS

MONKEYS

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
MONKEYS
WILDLIFE
MONKEYS

MONOCHROMATIC RADIATION

SN (LIMITED TO ELECTROMAGNETIC
RADIATION)
GS ELECTROMAGNETIC RADIATION
MONOCHROMATIC RADIATION
RT BEAMS (RADIATION)
BRILLOUIN EFFECT
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT LIGHT
∞ FILTERS
GAMMA RAYS
INFRARED RADIATION
IONIZING RADIATION

NASA THESAURUS (VOLUME 1)

MONOCHROMATIC RADIATION-(CONT)

LIGHT (VISIBLE RADIATION)
LONG WAVE RADIATION
MONOCHROMATIZATION
MONOCHROMATORS
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
∞ RADIATION
RADIO WAVES
SHORT WAVE RADIATION
ULTRAVIOLET RADIATION
X RAYS

MONOCHROMATIZATION

UF INTERFERENCE MONOCHROMATIZATION
RT MONOCHROMATIC RADIATION
PARTICLE ENERGY
POLARIZATION (WAVES)

MONOCHROMATORS

GS MEASURING INSTRUMENTS
MONOCHROMATORS
RADIATION SOURCES
MONOCHROMATORS
RT COMPARATORS
DUOCHROMATORS
GONIOMETERS
LIGHT SOURCES
MONOCHROMATIC RADIATION
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOGONIOMETERS
SPECTROPHOTOMETERS

MONOCOQUE STRUCTURES

RT ∞ CYLINDERS
SHELLS (STRUCTURAL FORMS)
STRESSED-SKIN STRUCTURES
∞ STRUCTURES

MONOCRYSTALS

USE SINGLE CRYSTALS

MONOCULAR VISION

GS VISION
MONOCULAR VISION
RT HUMAN FACTORS ENGINEERING
MOTION PERCEPTION
PERCEPTION
SPACE PERCEPTION

MONOETHANOLAMINE (MEA)

GS ALIPHATIC COMPOUNDS
MONOETHANOLAMINE (MEA)
AMINES
MONOETHANOLAMINE (MEA)

MONOIDS

GS ALGEBRA
GROUP THEORY
HOMOMORPHISMS
MONOIDS

MONOLITHIC CIRCUITS

USE INTEGRATED CIRCUITS

MONOMERS

RT DIBASIC COMPOUNDS
DIMERS
MOLECULAR CHAINS
∞ POLYMERS
PREPOLYMERS
TRIMERS

MONOMOLECULAR FILMS

GS SURFACE LAYERS
MONOMOLECULAR FILMS
THIN FILMS
MONOMOLECULAR FILMS
RT ENERGY ABSORPTION FILMS
∞ FILMS
INTEGRATED OPTICS
∞ LAYERS
MOLECULAR ELECTRONICS
SURFACTANTS
THIN LAYER CHROMATOGRAPHY

MONOPLANES

GS MONOPLANES
A-1 AIRCRAFT
A-2 AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT

MONOPLANES-(CONT)

A-5 AIRCRAFT
 A-6 AIRCRAFT
 A-7 AIRCRAFT
 A-37 AIRCRAFT
 AN-2 AIRCRAFT
 AN-22 AIRCRAFT
 AN-24 AIRCRAFT
 ARGOSY MK-1 AIRCRAFT
 AVRO 707 AIRCRAFT
 B-26 AIRCRAFT
 B-47 AIRCRAFT
 B-50 AIRCRAFT
 B-52 AIRCRAFT
 B-57 AIRCRAFT
 B-58 AIRCRAFT
 B-66 AIRCRAFT
 B-70 AIRCRAFT
 BAC 111 AIRCRAFT
 BEECHCRAFT 18 AIRCRAFT
 BOEING 707 AIRCRAFT
 BOEING 720 AIRCRAFT
 BOEING 733 AIRCRAFT
 BOEING 737 AIRCRAFT
 BOEING 757 AIRCRAFT
 BOEING 767 AIRCRAFT
 BREGUET 940 AIRCRAFT
 BREGUET 941 AIRCRAFT
 BREGUET 1150 AIRCRAFT
 BUCCANEER AIRCRAFT
 C-2 AIRCRAFT
 C-33 AIRCRAFT
 C-35 AIRCRAFT
 C-46 AIRCRAFT
 C-47 AIRCRAFT
 C-54 AIRCRAFT
 C-118 AIRCRAFT
 C-121 AIRCRAFT
 C-123 AIRCRAFT
 C-124 AIRCRAFT
 C-130 AIRCRAFT
 C-131 AIRCRAFT
 C-133 AIRCRAFT
 C-135 AIRCRAFT
 C-140 AIRCRAFT
 C-141 AIRCRAFT
 C-160 AIRCRAFT
 CANBERRA AIRCRAFT
 CESSNA L-19 AIRCRAFT
 CESSNA 172 AIRCRAFT
 CESSNA 205 AIRCRAFT
 CESSNA 210 AIRCRAFT
 CESSNA 402B AIRCRAFT
 CL-41 AIRCRAFT
 CL-44 AIRCRAFT
 COMET 4 AIRCRAFT
 CV-340 AIRCRAFT
 CV-440 AIRCRAFT
 CV-880 AIRCRAFT
 CV-990 AIRCRAFT
 D-558 AIRCRAFT
 DC 3 AIRCRAFT
 DC 7 AIRCRAFT
 DC 8 AIRCRAFT
 DH 112 AIRCRAFT
 DH 115 AIRCRAFT
 DH 121 AIRCRAFT
 DH 125 AIRCRAFT
 DHC 2 AIRCRAFT
 DHC 4 AIRCRAFT
 DHC 5 AIRCRAFT
 DO-27 AIRCRAFT
 DO-28 AIRCRAFT
 DO-31 AIRCRAFT
 EC-121 AIRCRAFT
 ELECTRA AIRCRAFT
 F-2 AIRCRAFT
 F-5 AIRCRAFT
 F-8 AIRCRAFT
 F-9 AIRCRAFT
 F-17 AIRCRAFT
 F-27 AIRCRAFT
 F-28 TRANSPORT AIRCRAFT
 F-84 AIRCRAFT
 F-86 AIRCRAFT
 F-89 AIRCRAFT
 F-94 AIRCRAFT
 F-100 AIRCRAFT
 F-102 AIRCRAFT
 F-104 AIRCRAFT
 F-105 AIRCRAFT
 F-106 AIRCRAFT
 FD 2 AIRCRAFT
 G-1 AIRCRAFT
 G-91 AIRCRAFT
 G-95/4 AIRCRAFT

MONOPLANES-(CONT)

G-222 AIRCRAFT
 GA-5 AIRCRAFT
 H-126 AIRCRAFT
 HFB-320 AIRCRAFT
 HP-115 AIRCRAFT
 HS-748 AIRCRAFT
 IL-14 AIRCRAFT
 IL-62 AIRCRAFT
 JET PROVOST AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 L-29 JET TRAINER
 LOCKHEED MODEL 18 AIRCRAFT
 MH-262 AIRCRAFT
 MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 MYSTERE 20 AIRCRAFT
 NORD 1500 AIRCRAFT
 OV-1 AIRCRAFT
 OV-10 AIRCRAFT
 P-3 AIRCRAFT
 P-51 AIRCRAFT
 P-166 AIRCRAFT
 P-308 AIRCRAFT
 P-1052 AIRCRAFT
 P-1127 AIRCRAFT
 P-1154 AIRCRAFT
 PD-808 AIRCRAFT
 PHANTOM AIRCRAFT
 RB-50 AIRCRAFT
 RF-4 AIRCRAFT
 S-2 AIRCRAFT
 SAAB 105 AIRCRAFT
 SC-1 AIRCRAFT
 SC-5 AIRCRAFT
 SC-7 AIRCRAFT
 SCIMITAR AIRCRAFT
 SE-210 AIRCRAFT
 SHACKLETON BOMBER
 T-2 AIRCRAFT
 T-28 AIRCRAFT
 T-33 AIRCRAFT
 T-37 AIRCRAFT
 T-38 AIRCRAFT
 T-39 AIRCRAFT
 TS-11 AIRCRAFT
 TSR-2 AIRCRAFT
 TU-104 AIRCRAFT
 TU-124 AIRCRAFT
 TU-134 AIRCRAFT
 U-2 AIRCRAFT
 U-10 AIRCRAFT
 VALIANT AIRCRAFT
 VC-10 AIRCRAFT
 VICTOR MK 1 AIRCRAFT
 VISCOUNT AIRCRAFT
 VJ-101 AIRCRAFT
 X-1 AIRCRAFT
 X-2 AIRCRAFT
 X-3 AIRCRAFT
 X-5 AIRCRAFT
 X-13 AIRCRAFT
 X-14 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 XC-142 AIRCRAFT
 XV-4 AIRCRAFT
 XV-5 AIRCRAFT
 YS-11 AIRCRAFT
 Z-37 AIRCRAFT
 RT AERODYNAMIC CONFIGURATIONS
 ∞ AIRCRAFT
 AIRFOILS
 BIPLANES
 CARGO AIRCRAFT
 GLIDERS
 ∞ LOW WING AIRCRAFT
 SEAPLANES
 TAILLESS AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT
 WING PLANFORMS
 WING PROFILES
 ∞ WINGED VEHICLES

MONOPOLE ANTENNAS

UF SPIKE ANTENNAS
 GS ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 MONOPOLE ANTENNAS
 WHIP ANTENNAS
 RT ANTENNA DESIGN
 DIPOLE ANTENNAS
 LOOP ANTENNAS
 MONOPOLES
 ∞ SPIKES

MONOPOLES

GS MONOPOLES
 MAGNETIC MONOPOLES
 RT ∞ DIPOLES
 MONOPOLE ANTENNAS
 MULTIPOLES
 ∞ POLES

MONOPROPELLANTS

GS LIQUIDS
 LIQUID FUELS
 LIQUID ROCKET PROPELLANTS
 MONOPROPELLANTS
 AEROZINE
 PROPELLANTS
 ROCKET PROPELLANTS
 LIQUID ROCKET PROPELLANTS
 MONOPROPELLANTS
 AEROZINE
 RT AIRCRAFT FUELS
 CHEMICAL FUELS
 GASEOUS ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 METAL PROPELLANTS
 PLASTIC PROPELLANTS
 PROPELLANT DECOMPOSITION
 SLURRY PROPELLANTS
 SOLID ROCKET PROPELLANTS

MONOPULSE ANTENNAS

GS ANTENNAS
 MONOPULSE ANTENNAS
 RT DIRECTIONAL ANTENNAS
 PHASED ARRAYS
 WAVEGUIDE ANTENNAS

MONOPULSE RADAR

GS RADAR
 PULSE RADAR
 PULSE DOPPLER RADAR
 MONOPULSE RADAR
 RT DOPPLER RADAR
 DUPLEXERS
 RADAR TRACKING
 TRACKING RADAR

MONOSACCHARIDES

GS ALIPHATIC COMPOUNDS
 SUGARS
 MONOSACCHARIDES
 RIBOSE
 XYLOSE
 CARBOHYDRATES
 SUGARS
 MONOSACCHARIDES
 RIBOSE
 XYLOSE

MONOSCOPES

GS MICROWAVE EQUIPMENT
 MICROWAVE TUBES
 MONOSCOPES
 TELEVISION EQUIPMENT
 MONOSCOPES
 RT CAMERA TUBES
 ELECTRON BEAMS
 IMAGE TUBES
 SECONDARY EMISSION
 ∞ TEST EQUIPMENT

MONOSTABLE MULTIVIBRATORS

GS CIRCUITS
 MULTIVIBRATORS
 MONOSTABLE MULTIVIBRATORS

MONOTECTIC ALLOYS

GS ALLOYS
 MONOTECTIC ALLOYS
 RT COMPOSITE MATERIALS
 ∞ MATRICES
 METAL MATRIX COMPOSITES
 METALS
 MIXTURES

MONOTONE FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 MONOTONE FUNCTIONS
 RT ANALYSIS (MATHEMATICS)
 CALCULUS
 REAL VARIABLES

MONOTONY

RT BOREDOM
 LETHARGY

MONSOONS

MONOTONY-(CONT)

SENSORY DEPRIVATION

MONSOONS

GS WIND (METEOROLOGY)
MONSOONS
 RT ANNUAL VARIATIONS
 ATMOSPHERIC CIRCULATION
 GROUND WIND
 PRECIPITATION (METEOROLOGY)
 SEA BREEZE

MONTANA

GS NATIONS
 UNITED STATES
MONTANA
 RT BIGHORN MOUNTAINS (MT-WY)
 MISSOURI RIVER (US)
 WILLISTON BASIN (NORTH AMERICA)
 YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

MONTE CARLO METHOD

GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
MONTE CARLO METHOD
 RT DIFFUSION THEORY
 EXPECTANCY HYPOTHESIS
 GAME THEORY
 MARKOV CHAINS
 MATHEMATICAL MODELS
 ∞ METHODOLOGY
 PROBABILITY THEORY
 RANDOM PROCESSES
 RANDOM WALK
 SIMULATION
 STATISTICAL ANALYSIS
 STOCHASTIC PROCESSES
 TRANSPORT THEORY

MONTEREY BAY (CA)

GS BAYS (TOPOGRAPHIC FEATURES)
MONTEREY BAY (CA)
 RT CALIFORNIA
 PACIFIC OCEAN

MONTH

UF LUNATION
 RT CALENDARS
 TIME
 UNITS OF MEASUREMENT

MONTICELLITE

GS CALCIUM COMPOUNDS
MONTICELLITE
 MAGNESIUM COMPOUNDS
MONTICELLITE
 MINERALS
MONTICELLITE
 SILICON COMPOUNDS
 SILICATES
MONTICELLITE
 RT OLIVINE

MONTMORILLONITE

GS ALUMINUM COMPOUNDS
 ALUMINUM SILICATES
MONTMORILLONITE
 CLAYS
MONTMORILLONITE
 MINERALS
MONTMORILLONITE
 SILICON COMPOUNDS
 ALUMINUM SILICATES
MONTMORILLONITE
 SILICATES
MONTMORILLONITE
 RT BENTONITE

MOODS

RT EMOTIONAL FACTORS
 EMOTIONS
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL FACTORS
 SENSORY FEEDBACK

MOON

GS CELESTIAL BODIES
 NATURAL SATELLITES
MOON
 SATELLITES
 NATURAL SATELLITES
MOON
 RT EARTH-MOON SYSTEM

MOON-(CONT)

LIGHT SOURCES
 LUNAR ATMOSPHERE
 LUNAR BASES
 LUNAR COMMUNICATION
 LUNAR COMPOSITION
 LUNAR CRATERS
 LUNAR CRUST
 LUNAR DUST
 LUNAR ECLIPSES
 LUNAR ENVIRONMENT
 LUNAR EVOLUTION
 LUNAR EXPLORATION
 LUNAR FAR SIDE
 LUNAR GEOLOGY
 LUNAR GRAVITATION
 LUNAR LANDING SITES
 LUNAR LIMB
 LUNAR LUMINESCENCE
 LUNAR MAGNETIC FIELDS
 LUNAR MAPS
 LUNAR OCCULTATION
 LUNAR ORBITS
 LUNAR PHASES
 LUNAR PHOTOGRAPHY
 LUNAR RAYS
 LUNAR SHADOW
 LUNAR SOIL
 LUNAR TEMPERATURE
 LUNAR TOPOGRAPHY
 SELENOGRAPHY
 SELENOLOGY

MOON ILLUSION

GS PSYCHOLOGICAL EFFECTS
 ILLUSIONS
MOON ILLUSION
 RT OPTICAL ILLUSION
 SENSORY FEEDBACK

MOON-EARTH TRAJECTORIES

GS TRAJECTORIES
 SPACECRAFT TRAJECTORIES
 LUNAR TRAJECTORIES
MOON-EARTH TRAJECTORIES
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 EARTH-MOON TRAJECTORIES
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 LUNAR FLIGHT
 MASS DRIVERS (PAYLOAD DELIVERY)
 ORBITAL MECHANICS
 REENTRY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 TRANSFER ORBITS

MOONQUAKES

GS SEISMOLOGY
MOONQUAKES
 RT LUNAR GEOLOGY
 LUNAR TIDES
 PLANETARY QUAKES
 SELENOLOGY

MOORING

UF MOORINGS
 RT AIRPORTS
 ANCHORS (FASTENERS)
 FASTENERS
 ∞ JOINING
 MATERIALS HANDLING
 MULTIPLE DOCKING ADAPTERS
 SPACECRAFT DOCKING

MOORINGS

USE MOORING

MOPS (PROPULSION SYSTEMS)

USE MAN OPERATED PROPULSION SYSTEMS

MORAINES

USE GLACIAL DRIFT

NASA THESAURUS (VOLUME 1)

MORALE

RT CREATIVITY
 DISCIPLINING
 LEADERSHIP
 MOTIVATION
 PRODUCTIVITY
 PSYCHOLOGY
 RECREATION

MOREHOUSE COMET

GS CELESTIAL BODIES
 COMETS
MOREHOUSE COMET

MORL

USE MANNED ORBITAL RESEARCH
 LABORATORIES

MORNING

RT DAYTIME
 SUNRISE

MOROCCO

GS NATIONS
MOROCCO
 RT AFRICA

MORPHINE

GS DRUGS
 NARCOTICS
MORPHINE
 HETEROCYCLIC COMPOUNDS
 ALKALOIDS
MORPHINE
 NITROGEN COMPOUNDS
 ALKALOIDS
MORPHINE

MORPHOLOGICAL INDEXES

GS RATIOS
 INDEXES (RATIOS)
MORPHOLOGICAL INDEXES
 RT MORPHOLOGY

MORPHOLOGY

GS **MORPHOLOGY**
 GEOMORPHOLOGY
 ISOMORPHISM
 LUNG MORPHOLOGY
 POLYMORPHISM
 RT ANATOMY
 ∞ BIOLOGY
 DIFFERENTIATION (BIOLOGY)
 GEOLOGY
 HISTOLOGY
 ∞ MATHEMATICS
 MORPHOLOGICAL INDEXES
 SHAPES
 VESTIBULES

MORPHOTROPISM

USE ISOMORPHISM

MORSE CODE

RT ∞ CODES
 COMMUNICATING
 KEYING
 RADIO TELEGRAPHY
 TELECOMMUNICATION

MORSE POTENTIAL

RT DIATOMIC MOLECULES
 KINETIC THEORY
 POTENTIAL ENERGY

MORTALITY

RT AGING (BIOLOGY)
 DEATH
 EXPIRATION
 LIFE SPAN
 MILLS RATIO

MORTARS (MATERIAL)

RT ADMIXTURES
 BRICKS
 CEMENTS
 CERAMICS
 CONCRETES
 GROUT
 MASONRY
 PLASTERS
 REFRACTORIES

MOS (JAPANESE SPACECRAFT)
USE JAPANESE SPACECRAFT**MOS (SEMICONDUCTORS)**
USE METAL OXIDE SEMICONDUCTORS**MOsaics**
RT ASSEMBLIES
DIFFRACTION
∞ NETWORKS
PHOTOGRAPHS**MOSCOW**
GS CITIES
MOSCOW
RT U S S R**MOSFET**
USE FIELD EFFECT TRANSISTORS**MOSS (SPACE STATIONS)**
USE ORBITAL SPACE STATIONS**MOSSBAUER EFFECT**
RT CRYSTAL LATTICES
∞ EFFECTS
ELECTROMAGNETIC ABSORPTION
FLUORESCENCE
GAMMA RAYS
RESONANCE SCATTERING
RESONANT FREQUENCIES**MOT (ORBITAL TELESCOPES)**
USE MANNED ORBITAL TELESCOPES**MOTHS**
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
MOTHS
SILKWORMS
RT BOLLWORMS
INFESTATION**MOTILITY**
USE LOCOMOTION∞ **MOTION**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
UF ANIMATION
MOVEMENT
RT ACCELERATION (PHYSICS)
ATTITUDE (INCLINATION)
BROWNIAN MOVEMENTS
DISPLACEMENT
DOMAIN WALL
GLIDING
GYRATION
HARMONIC MOTION
HEAD MOVEMENT
HEAVING
HIGH ACCELERATION
IMMOBILIZATION
INERTIA
ION MOTION
IONIC MOBILITY
KINEMATICS
LIBRATION
MOMENTUM
NUTATION
ORBITS
OSCILLATIONS
OSCILLATORS
PARTICLE MOTION
PARTICLE TRAJECTORIES
PITCH (INCLINATION)
ROTATION
SACCADIC EYE MOVEMENTS
SOLAR ORBITS
SPACECRAFT MOTION
SPACECRAFT TRAJECTORIES
STELLAR MOTIONS
SWARMING
TEETERING
TRANSIT TIME
TRANSLATIONAL MOTION
TUMBLING MOTION
TURBULENCE
VELOCITY
VERTICAL MOTION
VERTICAL MOTION SIMULATORS**MOTION-(CONT)**
VIBRATION
VISCOSITY
YAW**MOTION AFTEREFFECTS**
RT EQUATIONS OF MOTION
KINETICS
MOMENTUM**MOTION EQUATIONS**
USE EQUATIONS OF MOTION**MOTION PERCEPTION**
GS PERCEPTION
MOTION PERCEPTION
RT BINOCULAR VISION
MONOCULAR VISION
VISUAL PERCEPTION**MOTION PICTURES**
UF CINEFLUOROGRAPHY
CINERADIOGRAPHY
PHOTOGRAPHS
GS MOTION PICTURES
RT CHRONOPHOTOGRAPHY
CINEMATOGRAPHY
GRAPHIC ARTS
PROJECTORS
SUPPLEMENTS
VIDEO EQUIPMENT**MOTION SICKNESS**
UF AIR SICKNESS
RT ACCELERATION STRESSES
(PHYSIOLOGY)
AEROSPACE MEDICINE
NAUSEA
SPACE ADAPTATION SYNDROME
VOMITING**MOTION SICKNESS DRUGS**
GS DRUGS
MOTION SICKNESS DRUGS
RT PHARMACOLOGY**MOTION SIMULATION**
GS HUMAN FACTORS ENGINEERING
MOTION SIMULATION
SIMULATION
RT FLIGHT SIMULATION
FLIGHT SIMULATORS
MOTION SIMULATORS**MOTION SIMULATORS**
GS SIMULATORS
MOTION SIMULATORS
RT COMPUTERIZED SIMULATION
CONTROL SIMULATION
FLIGHT SIMULATORS
MOTION SIMULATION
SPACE ENVIRONMENT SIMULATION
TEST FACILITIES**MOTION STABILITY**
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY**MOTION STABILITY-(CONT)**DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
RT COMBUSTION STABILITY
CONTROL STABILITY
DYNAMIC TESTS
ROUGHNESS
SEA KEEPING
SPACECRAFT MOTION
STABLE OSCILLATIONS
SURFACE STABILITY**MOTIVATION**
GS MOTIVATION
CONTRACT INCENTIVES
RT ∞ DRIVES
INCENTIVES
LEARNING
MORALE
REINFORCEMENT (PSYCHOLOGY)
SELF STIMULATION
∞ STIMULI**MOTOR SYSTEMS (BIOLOGY)**
USE EFFERENT NERVOUS SYSTEMS**MOTOR VEHICLES**
GS SURFACE VEHICLES
MOTOR VEHICLES
AUTOMATED MIXED TRAFFIC
VEHICLES
AUTOMOBILES
ELECTRIC AUTOMOBILES
ELECTRIC MOTOR VEHICLES
TRACTORS
CRAWLER TRACTORS
TRACKED VEHICLES
TRUCKS
TANK TRUCKS
RT TRANSPORTATION
∞ VEHICLES**MOTORS**
SN (MACHINES SUPPLIED WITH EXTERNAL
ENERGY WHICH IS CONVERTED INTO
FORCE AND/OR MOTION)
GS MOTORS
ELECTRIC MOTORS
ASYNCHRONOUS MOTORS
INDUCTION MOTORS
MICROMOTORS
STEPPING MOTORS
SYNCHRONOUS MOTORS
TORQUE MOTORS
SERVOMOTORS
RT APOGEE BOOST MOTORS
∞ ELECTRIC EQUIPMENT
ENERGY CONVERSION EFFICIENCY
ENGINES
∞ GENERATORS
HYDRAULIC EQUIPMENT
STATORS**MOTS (TRACKING SYSTEM)**
USE MINITRACK SYSTEM**MOUNTAIN INHABITANTS**
GS COMMUNITIES
INHABITANTS
MOUNTAIN INHABITANTS
RT ALTITUDE ACCLIMATIZATION
HIGH ALTITUDE ENVIRONMENTS
LOW TEMPERATURE ENVIRONMENTS**MOUNTAINS**
GS LANDFORMS
MOUNTAINS
ADIRONDACK MOUNTAINS (NY)
ALPS MOUNTAINS (EUROPE)
ANDES MOUNTAINS (SOUTH
AMERICA)
APPALACHIAN MOUNTAINS (NORTH
AMERICA)
BIGHORN MOUNTAINS (MT WY)

MOUNTING

MOUNTAINS-(CONT)

BLACK HILLS (SD-WY)
CARPATHIAN MOUNTAINS (EUROPE)
CASCADE RANGE (CA-OR-WA)
CAUCASUS MOUNTAINS (U S S R)
COASTAL RANGES (CA)
GREAT SMOKY MOUNTAINS (NC-TN)
HIMALAYAS
PENINSULAR RANGES (CA)
PYRENEES MOUNTAINS (EUROPE)
ROCKY MOUNTAINS (NORTH AMERICA)
SAN JUAN MOUNTAINS (CO)
SIERRA NEVADA MOUNTAINS (CA)
WIND RIVER RANGE (WY)
WRANGELL MOUNTAINS (AK)
RT CENTRAL PIEDMONT (US)
CIRQUES (LANDFORMS)
CONES (VOLCANOES)
CONTINENTS
DIVIDES (LANDFORMS)
FORMATIONS
GAPS (GEOLOGY)
GEOMORPHOLOGY
HIGHLANDS
MARS VOLCANOES
MASSIFS
MESAS
OROGRAPHY
∞ PEAKS
PEAKS (LANDFORMS)
PIEDMONTS
PIKE'S PEAK (CO)
∞ RIDGES
TERRACES (LANDFORMS)
VOLCANOES
VOLCANOLOGY
WATERSHEDS

MOUNTING

GS MOUNTING
RIGID MOUNTING
RT ASSEMBLING
∞ ATTACHMENT
BRACKETS
∞ JOINING
SUSPENDING (HANGING)

MOUNTS

USE SUPPORTS

MOUTH

GS ANATOMY
DIGESTIVE SYSTEM
MOUTH
RT SALIVARY GLANDS
TEETH
TONGUE

MOVEMENT

USE MOTION

MOVING TARGET INDICATORS

UF MTI RADAR
GS RADAR
MOVING TARGET INDICATORS
RT CANCELLATION CIRCUITS
COHERENT RADAR
DOPPLER RADAR
OVER-THE-HORIZON RADAR
RADAR CROSS SECTIONS
RADAR TRACKING
TARGET ACQUISITION

MOZAMBIQUE

GS NATIONS
MOZAMBIQUE
RT AFRICA

MR-3 FLIGHT

USE MERCURY MR-3 FLIGHT

MRCA AIRCRAFT

UF MULTI-ROLE COMBAT AIRCRAFT
TORNADO AIRCRAFT
RT ∞ AIRCRAFT
ATTACK AIRCRAFT
FIGHTER AIRCRAFT
∞ MILITARY AIRCRAFT

MRKOS COMET

GS CELESTIAL BODIES
COMETS
MRKOS COMET

MSAT

RT COMMUNICATION SATELLITES
GROUND STATIONS
LAND MOBILE SATELLITE SERVICE
MARITIME SATELLITES
MOBILE COMMUNICATION SYSTEMS
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
SATELLITE TRANSMISSION

MSBLS

USE MICROWAVE SCANNING BEAM LANDING SYSTEM

MSRE REACTORS

USE MOLTEN SALT NUCLEAR REACTORS

MTBF

UF MEAN TIME BETWEEN FAILURES
GS TIME
MTBF
RT DOWNTIME
FAILURE ANALYSIS
FAILURE MODES
LIFE (DURABILITY)
RATES (PER TIME)
RELIABILITY
STATISTICAL ANALYSIS

MTF

USE MODULATION TRANSFER FUNCTION

MTI RADAR

USE MOVING TARGET INDICATORS

MUBIS (SCANNERS)

USE MULTIPLE BEAM INTERVAL SCANNERS

MUCOCELES

GS CYSTS
MUCOCELES
RT ∞ BLISTERS

MUCUS

GS BODY FLUIDS
MUCUS
RT SALIVA

MUD

GS SEDIMENTS
MUD
SOILS
MUD
RT ALLUVIUM
CLAYS
FANS (LANDFORMS)
GROUT
OCEAN BOTTOM
RAIN EROSION
SLUDGE
TIDAL FLATS

MUFFLERS

RT ACOUSTIC RETROFITTING
AIRCRAFT NOISE
ATTENUATORS
BAFFLES
DAMPING
∞ DIFFUSERS
EXHAUST SYSTEMS
FURNACES
JET AIRCRAFT NOISE
NOISE (SOUND)
NOISE REDUCTION
ROCKET ENGINE NOISE
SILENCERS
SUPPRESSORS

MULBERRY (ALLOY)

GS ALLOYS
MULBERRY (ALLOY)
RT ANTIMONY ALLOYS
MOLYBDENUM ALLOYS

MULLITES

RT ALUMINUM SILICATES
MINERALS

MULTI-ANODE MICROCHANNEL ARRAYS

RT ANODES
ARRAYS
ASTRONOMICAL TELESCOPES
MICROCHANNELS
RADIATION DETECTORS

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MULTI-ANODE MICROCHANNEL-(CONT)

SPACEBORNE TELESCOPES

MULTI-ROLE COMBAT AIRCRAFT

USE MRCA AIRCRAFT

MULTIBEAM ANTENNAS

RT BEAMS (RADIATION)
SATELLITE ANTENNAS

MULTICHANNEL COMMUNICATION

GS TELECOMMUNICATION
MULTICHANNEL COMMUNICATION
RT CODE DIVISION MULTIPLE ACCESS
INTERFERENCE FACTOR TABLE
MULTIPLE ACCESS
RADIO TRANSMITTERS
TELECONFERENCING
TIME DIVISION MULTIPLE ACCESS

MULTICHANNEL PLATES

USE MICROCHANNEL PLATES

MULTIENGINE VEHICLES

RT ∞ AIRCRAFT
B-1 AIRCRAFT
LAUNCH VEHICLES
LIGHT TRANSPORT AIRCRAFT
MISSILE CONFIGURATIONS
MISSILES
MULTISTAGE ROCKET VEHICLES
RECOVERABLE LAUNCH VEHICLES
ROCKET VEHICLES
∞ VEHICLES

MULTILAYER INSULATION

GS INSULATION
MULTILAYER INSULATION
INTERLAYERS
MULTILAYER INSULATION
RT COMPOSITE MATERIALS
CRYOGENIC FLUID STORAGE
FABRICS
∞ FOILS
FOILS (MATERIALS)
LAMINATES
∞ LAYERS
METAL FOILS
PLY ORIENTATION
SANDWICH STRUCTURES
∞ SHEETS

MULTILAYER STRUCTURES

USE LAMINATES

MULTILOOP SYSTEMS

USE CASCADE CONTROL

MULTIMISSION MODULAR SPACECRAFT

UF MMS
RT BESS (SATELLITE)
LANDSAT FOLLOW-ON MISSIONS
SATELLITE NETWORKS
SOLAR MAXIMUM MISSION

MULTIMODE RESONATORS

GS RESONATORS
MULTIMODE RESONATORS
RT CAVITY RESONATORS
MAGNETRONS
PROPAGATION MODES

MULTIPACTOR DISCHARGES

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
MULTIPACTOR DISCHARGES
RT LINEAR ACCELERATORS
PHOTOMULTIPLIER TUBES
SECONDARY EMISSION
SPARK GAPS

MULTIPATH TRANSMISSION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
MULTIPATH TRANSMISSION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
MULTIPATH TRANSMISSION
RT CEPSTRAL ANALYSIS
DIFFRACTION PATHS
FERMAT PRINCIPLE
MULTISTATIC RADAR

NASA THESAURUS (VOLUME 1)

MULTIPHASE TRANSMISSION-(CONT)

OPTICAL PATHS
 ∞ PATHS
 RADIO WAVES
 SOUND TRANSMISSION
 WAVE PROPAGATION

MULTIPHASE FLOW

UF MIXED FLOW
 GS FLUID FLOW
 MULTIPHASE FLOW
 TWO PHASE FLOW
 RT CONICAL FLOW
 CRITICAL FLOW
 CROCCO-LEE THEORY
 FLOW DISTORTION
 FLOW MEASUREMENT
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

MULTIPHOTON ABSORPTION

GS ENERGY ABSORPTION
 ELECTROMAGNETIC ABSORPTION
 MULTIPHOTON ABSORPTION
 RADIATION ABSORPTION
 ELECTROMAGNETIC ABSORPTION
 MULTIPHOTON ABSORPTION
 RT ∞ ABSORPTION
 PHOTON ABSORPTIOMETRY

MULTIPLE ACCESS

GS TELECOMMUNICATION
 MULTIPLE ACCESS
 ALOHA SYSTEM
 CODE DIVISION MULTIPLE ACCESS
 DEMAND ASSIGNMENT MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE ACCESS
 TIME DIVISION MULTIPLE ACCESS
 TRANSMISSION
 SIGNAL TRANSMISSION
 DATA TRANSMISSION
 MULTIPLE ACCESS
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE ACCESS
 ACCESS
 RT ACCESS CONTROL
 FREQUENCY DIVISION MULTIPLEXING
 MULTICHANNEL COMMUNICATION
 PACKET SWITCHING
 PULSE COMMUNICATION
 WIDEBAND COMMUNICATION

MULTIPLE BEAM INTERVAL SCANNERS

UF MUBIS (SCANNERS)
 GS ANTENNAS
 MULTIPLE BEAM INTERVAL SCANNERS
 RT LINEAR ARRAYS
 RADAR SCANNING

MULTIPLE DOCKING ADAPTERS

UF MDA
 GS ADAPTERS
 MULTIPLE DOCKING ADAPTERS
 RT AIRLOCK MODULES
 MOORING
 ORBITAL RENDEZVOUS
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SKYLAB 1
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4
 SPACECRAFT DOCKING

MULTIPLE OUTPUT PROGRAMS

GS COMPUTER PROGRAMS
 MULTIPLE OUTPUT PROGRAMS

MULTIPLE OUTPUT PROGRAMS-(CONT)

RT MULTIPROGRAMMING
 READOUT
 TIME SHARING

MULTIPLE TARGET TRAJECTORY SYSTEMS

USE MATTS (SYSTEMS)

MULTIPLETS

USE FINE STRUCTURE

MULTIPLEX TRANSMISSION

USE MULTIPLEXING

MULTIPLEXERS

USE MULTIPLEXING

MULTIPLEXING

UF MULTIPLEX TRANSMISSION
 MULTIPLEXERS
 GS TRANSMISSION
 MULTIPLEXING
 CODE DIVISION MULTIPLEXING
 FREQUENCY DIVISION MULTIPLEXING
 TIME DIVISION MULTIPLEXING
 WAVELENGTH DIVISION
 MULTIPLEXING
 RT ACCESS CONTROL
 CARRIER FREQUENCIES
 CODE DIVISION MULTIPLE ACCESS
 DATA TRANSMISSION
 DEMULTIPLEXING
 FREQUENCY DIVISION MULTIPLE ACCESS
 PULSE COMMUNICATION
 RADIO TRANSMISSION
 SATELLITE TRANSMISSION
 SIGNAL TRANSMISSION

MULTIPLICATION

GS NUMBER THEORY
 MULTIPLICATION
 RT ARITHMETIC
 COMPUTATION
 FRINGE MULTIPLICATION

MULTIPLIER PHOTOTUBES

USE PHOTOMULTIPLIER TUBES

MULTIPLIERS

GS **MULTIPLIERS**
 CHANNEL MULTIPLIERS
 RT LAGRANGE MULTIPLIERS
 LOGIC CIRCUITS
 PHOTOMULTIPLIER TUBES

MULTIPOLAR FIELDS

RT CONTINUUM MECHANICS
 FIELD THEORY (PHYSICS)
 GRAVITATIONAL FIELDS
 MAGNETIC FIELDS
 MULTIPOLES

MULTIPOLES

RT MONOPOLES
 MULTIPOLAR FIELDS

MULTIPROCESSING (COMPUTERS)

GS DATA PROCESSING
 MULTIPROCESSING (COMPUTERS)
 PIPELINING (COMPUTERS)
 RT ASSOCIATIVE PROCESSING (COMPUTERS)
 COMPUTERS
 CONCURRENT PROCESSING
 DATA PROCESSING EQUIPMENT
 INTERPROCESSOR COMMUNICATION
 MULTIPROGRAMMING
 PARALLEL PROGRAMMING
 REAL TIME OPERATION
 TIME SHARING

MULTIPROGRAMMING

GS SOFTWARE ENGINEERING
 COMPUTER PROGRAMMING
 MULTIPROGRAMMING
 RT MACHINE-INDEPENDENT PROGRAMS
 MULTIPLE OUTPUT PROGRAMS
 MULTIPROCESSING (COMPUTERS)
 PIPELINING (COMPUTERS)
 ∞ PROGRAMMING
 TIME SHARING

MULTISPECTRAL TRACKING TELESCOPES

MULTIPROPELLANTS

USE ROCKET PROPELLANTS

MULTIRADAR TRACKING

USE RADAR NETWORKS

MULTISENSOR APPLICATIONS

RT IMAGE PROCESSING
 IMAGING TECHNIQUES
 PATTERN RECOGNITION
 REMOTE SENSING
 REMOTE SENSORS

MULTISPECTRAL BAND CAMERAS

GS OPTICAL EQUIPMENT
 CAMERAS
 MULTISPECTRAL BAND CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
 MULTISPECTRAL BAND CAMERAS
 RT INFRARED PHOTOGRAPHY
 PHOTOGRAPHY

MULTISPECTRAL BAND SCANNERS

GS MEASURING INSTRUMENTS
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL SCANNERS
 MULTISPECTRAL BAND SCANNERS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL SCANNERS
 MULTISPECTRAL BAND SCANNERS
 SCANNERS
 OPTICAL SCANNERS
 MULTISPECTRAL BAND SCANNERS
 RT BAND RATIOING
 CHANGE DETECTION
 EARTH OBSERVATIONS (FROM SPACE)
 IMAGING TECHNIQUES
 INFRARED SCANNERS
 OCEAN COLOR SCANNER
 PANORAMIC SCANNING
 PHOTOGRAPHY
 RADIOMETRIC CORRECTION
 RADIOMETRIC RESOLUTION
 SCANNING
 SPACEBORNE PHOTOGRAPHY
 SPECTRAL RECONNAISSANCE
 VEGETATIVE INDEX

MULTISPECTRAL LINEAR ARRAYS

UF MLA
 GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 MULTISPECTRAL LINEAR ARRAYS
 SPACECRAFT INSTRUMENTS
 SATELLITE INSTRUMENTS
 MULTISPECTRAL LINEAR ARRAYS
 RT ∞ DETECTORS
 ∞ SENSORS

MULTISPECTRAL PHOTOGRAPHY

GS PHOTOGRAPHY
 MULTISPECTRAL PHOTOGRAPHY
 INFRARED PHOTOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
 RADAR PHOTOGRAPHY
 RT CHANGE DETECTION
 CROP IDENTIFICATION
 EARTH OBSERVATIONS (FROM SPACE)
 IMAGE RESOLUTION
 IMAGERY
 IMAGING TECHNIQUES
 I2S CAMERAS
 SPECTRAL RECONNAISSANCE

MULTISPECTRAL RADAR

GS RADAR
 MULTISPECTRAL RADAR
 RT IMAGERY
 IMAGING TECHNIQUES
 SPECTRAL RECONNAISSANCE

MULTISPECTRAL RESOURCE SAMPLER

GS SATELLITES
 ARTIFICIAL SATELLITES
 MULTISPECTRAL RESOURCE SAMPLER
 RT REMOTE SENSING

MULTISPECTRAL TRACKING TELESCOPES

GS OPTICAL EQUIPMENT
 ASTRONOMICAL TELESCOPES
 SPECTROSCOPIC TELESCOPES

MULTISTAGE COMPRESSORS

MULTISPECTRAL TRACKING-(CONT)
MULTISPECTRAL TRACKING
TELESCOPES
 TELESCOPES
 ASTRONOMICAL TELESCOPES
 SPECTROSCOPIC TELESCOPES
MULTISPECTRAL TRACKING
TELESCOPES
 RT OPTICAL MEASURING INSTRUMENTS
 OPTICAL TRACKING
 TRACKING (POSITION)

MULTISTAGE COMPRESSORS
 USE TURBOCOMPRESSORS

MULTISTAGE ROCKET VEHICLES
 GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
 ANTARES ROCKET VEHICLE
 ARGO ROCKET VEHICLES
 ARIANE LAUNCH VEHICLE
 ASTROBEE ROCKET VEHICLES
 ASTROBEE 1500 ROCKET VEHICLE
 ATHENA ROCKET VEHICLE
 ATLAS LAUNCH VEHICLES
 ATLAS ABLE 5 LAUNCH VEHICLE
 ATLAS AGENA B LAUNCH VEHICLE
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS CENTAUR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 BERENICE ROCKET VEHICLE
 BLACK KNIGHT ROCKET VEHICLE
 BLUE SCOUT ROCKET VEHICLE
 DIAMANT LAUNCH VEHICLE
 ELDO LAUNCH VEHICLE
 EXOS SOUNDING ROCKET
 JAGUAR ROCKET VEHICLE
 JAVELIN ROCKET VEHICLE
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 KAPPA ROCKET VEHICLES
 KAPPA 8 ROCKET VEHICLE
 KAPPA 9 ROCKET VEHICLE
 LAMBDA ROCKET VEHICLES
 LITTLE JOE 2 LAUNCH VEHICLE
 NIKE ROCKET VEHICLES
 NIKE-APACHE ROCKET VEHICLE
 NIKE-CAJUN ROCKET VEHICLE
 NIKE-HYDAC ROCKET VEHICLE
 NIKE-IROQUOIS ROCKET VEHICLE
 NIKE-JAVELIN ROCKET VEHICLE
 NIKE-TOMAHAWK ROCKET VEHICLE
 NOVA LAUNCH VEHICLES
 PHOENIX SOUNDING ROCKET
 RAM B LAUNCH VEHICLE
 RUBIS ROCKET VEHICLE
 SATURN LAUNCH VEHICLES
 SATURN D LAUNCH VEHICLE
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-1 LAUNCH VEHICLE
 SATURN 1 SA-2 LAUNCH VEHICLE
 SATURN 1 SA-3 LAUNCH VEHICLE
 SATURN 1 SA-4 LAUNCH VEHICLE
 SATURN 1 SA-5 LAUNCH VEHICLE
 SATURN 1 SA-6 LAUNCH VEHICLE
 SATURN 1 SA-7 LAUNCH VEHICLE
 SATURN 1 SA-8 LAUNCH VEHICLE
 SATURN 1 SA-9 LAUNCH VEHICLE
 SATURN 1 SA-10 LAUNCH
 VEHICLE
 SATURN 1B LAUNCH VEHICLES
 SATURN 2 LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 SCOUT LAUNCH VEHICLE
 SKYLARK ROCKET VEHICLE
 THOR LAUNCH VEHICLES
 THOR ABLE ROCKET VEHICLE
 THOR AGENA LAUNCH VEHICLE
 THOR DELTA LAUNCH VEHICLE
 TITAN LAUNCH VEHICLES
 TITAN 3 LAUNCH VEHICLE
 VANGUARD 2 LAUNCH VEHICLE
 VEGA LAUNCH VEHICLE
 WASP SOUNDING ROCKET

RT AIR LAUNCHING
 EXPENDABLE STAGES (SPACECRAFT)
 INTERIM STAGES (SPACECRAFT)
 LAUNCH VEHICLES
 MINUTEMAN ICBM
 MULTIENGINE VEHICLES
 NAVAHO MISSILE
 PAYLOAD MASS RATIO
 PERSHING MISSILE
 PIGGYBACK SYSTEMS

MULTISTAGE ROCKET VEHICLES-(CONT)

POLARIS MISSILES
 PROPULSIVE EFFICIENCY
 ROCKET ENGINES
 SS-11 MISSILE
 STAGE SEPARATION
 SUNBLAZER SPACE PROBE
 TALOS MISSILE
 TERRIER MISSILE
 TITAN ICBM
 TRAILBLAZER 1 REENTRY VEHICLE
 TRAILBLAZER 2 REENTRY VEHICLE
 UPPER STAGE ROCKET ENGINES
 ∞ VEHICLES

MULTISTATIC RADAR
 UF BISTATIC RADAR
 GS RADAR
 DOPPLER RADAR
MULTISTATIC RADAR
 SURVEILLANCE RADAR
MULTISTATIC RADAR
 RT MULTIPATH TRANSMISSION
 PULSE RADAR
 RADAR DETECTION
 TARGET RECOGNITION

MULTITEMPORAL ANALYSIS
 USE TEMPORAL RESOLUTION

MULTIVARIATE STATISTICAL ANALYSIS
 GS STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)
MULTIVARIATE STATISTICAL
ANALYSIS
 BIVARIATE ANALYSIS
 COVARIANCE
 REGRESSION ANALYSIS
 RT ∞ ANALYZING
 CORRELATION
 DISCRIMINANT ANALYSIS (STATISTICS)
 ∞ VARIANCE

MULTIVIBRATORS
 GS CIRCUITS
MULTIVIBRATORS
 FLIP-FLOPS
 MONOSTABLE MULTIVIBRATORS
 RT AMPLIFIERS
 BISTABLE CIRCUITS
 LOGIC CIRCUITS
 OSCILLATORS
 POSITIVE FEEDBACK
 SWITCHING CIRCUITS
 TRIGGER CIRCUITS

MUON SPIN ROTATION
 GS GYRATION
 ROTATION
MUON SPIN ROTATION
 RT CHARGED PARTICLES
 HYPERFINE STRUCTURE
 MUONS
 PARTICLE DIFFUSION
 PARTICLE SPIN
 PRECESSION

MUONIUM
 RT ELECTRONS
 MESONS

MUONS
 GS PARTICLES
 ELEMENTARY PARTICLES
 BOSONS
 MESONS
MUONS
 FERMIONS
 LEPTONS
MUONS
 HADRONS
 MESONS
MUONS
 NUCLEAR PARTICLES
 BOSONS
 MESONS
MUONS
 RT BARYONS
 CHARGED PARTICLES
 ELECTRON DECAY RATE
 MUON SPIN ROTATION

MURCHISON METEORITE
 GS CELESTIAL BODIES
 METEORITES

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MURCHISON METEORITE-(CONT)

STONY METEORITES
 CHONDRITES
 CARBONACEOUS CHONDRITES
MURCHISON METEORITE

MURRAY METEORITE
 GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
 CARBONACEOUS METEORITES
MURRAY METEORITE

MUSCLE RELAXANTS
 GS DRUGS
MUSCLE RELAXANTS

MUSCLES
 GS **MUSCLES**
 MYOCARDIUM
 RT ALDOLASE
 ATAXIA
 CONGENERS
 CONVULSIONS
 DIAPHRAGM (ANATOMY)
 ELECTROCARDIOGRAPHY
 FIBRILLATION
 HYPODYNAMIA
 MUSCULAR FATIGUE
 MUSCULAR STRENGTH
 MUSCULAR TONUS
 MYOELECTRIC POTENTIALS
 MYOELECTRICITY
 SPASMS
 TWITCHING

MUSCOVITE
 GS ALUMINUM COMPOUNDS
MUSCOVITE
 CHALCOGENIDES
 OXIDES
 SILICON OXIDES
MUSCOVITE
 MINERALS
 MICA
MUSCOVITE
 SILICON COMPOUNDS
 SILICON OXIDES
MUSCOVITE

MUSCULAR FATIGUE
 GS FATIGUE (BIOLOGY)
MUSCULAR FATIGUE
 RT MUSCLES
 MUSCULOSKELETAL SYSTEM
 STRESS (PHYSIOLOGY)

MUSCULAR FUNCTION
 GS **MUSCULAR FUNCTION**
 SPASMS
 RT CRAMPS
 ∞ FUNCTIONS
 HYPODYNAMIA
 HYPOKINESIA
 HYPOTONIA
 MECHANOGRAMS
 TWITCHING

MUSCULAR STRENGTH
 RT MUSCLES
 MUSCULOSKELETAL SYSTEM
 ∞ STRENGTH

MUSCULAR TONUS
 UF TONUS
 GS **MUSCULAR TONUS**
 HYPOTONIA
 RT EXERCISE PHYSIOLOGY
 MUSCLES

MUSCULOSKELETAL SYSTEM
 UF SKELETON
 GS ANATOMY
MUSCULOSKELETAL SYSTEM
 BONES
 CARTILAGE
 CEREBRUM
 FEMUR
 MARROW
 MASTOIDS
 PELVIS
 SCAPULA
 SCIATIC REGION

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NAPHTHENES

MUSCULOSKELETAL SYSTEM-(CONT)

SKULL
CRANIUM
INTRACRANIAL CAVITY
STERNUM
TIBIA
ULNA
VERTEBRAE
CHIN
CONNECTIVE TISSUE
CARTILAGE
COLLAGENS
CONGENERS
MARROW
CONSTRUCTORS
FLEXORS
JOINTS (ANATOMY)
ELBOW (ANATOMY)
KNEE (ANATOMY)
WRIST
VERTEBRAL COLUMN
RT EXOSKELETONS
HYPOKINESIA
INTERVERTEBRAL DISKS
MUSCULAR FATIGUE
MUSCULAR STRENGTH
SPINE
STRIATION
∞ SYSTEMS

MUSEUMS

RT ANTHROPOLOGY
ARTIFACTS
∞ BUILDINGS
COLLECTION
HISTORIES
LIBRARIES

MUSHY ZONES

UF LIQUID PLUS SOLID ZONES
RT CASTING
COOLING
METALLOGRAPHY
PHASE TRANSFORMATIONS
SOLIDIFICATION

MUSIC

RT ARTS
OCTAVES

MUSKEGS

GS LANDFORMS
MUSKEGS
RT ARCTIC REGIONS
MARSHLANDS
SOILS
TOPOGRAPHY
WATER

MUSTANG AIRCRAFT

USE P-51 AIRCRAFT

MUTAGENS

RT AIR POLLUTION
BIOCHEMISTRY
BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHEMICAL ANALYSIS
GENETICS
MUTATIONS

MUTATIONS

GS GENETICS
MUTATIONS
RT BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHROMOSOMES
MITOSIS
MUTAGENS
NUCLEOGENESIS
RADIATION HAZARDS

MX MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
MX MISSILE
RT MISSILE SILOS

MYELIN

GS NERVOUS SYSTEM
MYELIN
RT FATS

MYELIN-(CONT)

LIPIDS

MYLAR (TRADEMARK)

GS POLYMERIC FILMS
MYLAR (TRADEMARK)
RT POLYETHYLENE TEREPHTHALATE
∞ POLYMERS

MYOCARDIAL INFARCTION

GS DISEASES
INFARCTION
MYOCARDIAL INFARCTION
RT ARTERIOSCLEROSIS
BLOOD COAGULATION
CORONARY ARTERY DISEASE
HEART DISEASES
HYPERTENSION
THROMBOSIS

MYOCARDIUM

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
MYOCARDIUM
MUSCLES
MYOCARDIUM
RT ANGINA PECTORIS

MYOELECTRIC POTENTIALS

GS MYOELECTRICITY
MYOELECTRIC POTENTIALS
RT MUSCLES
∞ POTENTIAL

MYOELECTRICITY

GS MYOELECTRICITY
MYOELECTRIC POTENTIALS
RT ELECTROMYOGRAPHY
MUSCLES

MYOGLOBIN

RT PIGMENTS
PROTEINS

MYOPIA

RT VISION

MYSTERE 20 AIRCRAFT

UF DASSAULT MYSTERE 20 AIRCRAFT
GS DASSAULT AIRCRAFT
MYSTERE 20 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
MYSTERE 20 AIRCRAFT
LIGHT AIRCRAFT
MYSTERE 20 AIRCRAFT
MONOPLANES
MYSTERE 20 AIRCRAFT
PASSENGER AIRCRAFT
MYSTERE 20 AIRCRAFT
TRANSPORT AIRCRAFT
MYSTERE 20 AIRCRAFT

MYSTERE 50 AIRCRAFT

UF DASSAULT MYSTERE 50 AIRCRAFT
RT DASSAULT AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
PASSENGER AIRCRAFT
TRANSPORT AIRCRAFT
TURBOFAN AIRCRAFT

N

N ELECTRONS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
N ELECTRONS
RT BETA PARTICLES

N-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
N-N JUNCTIONS

N-P JUNCTIONS

USE P-N JUNCTIONS

N-P-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
N-P-N JUNCTIONS
RT BIPOLAR TRANSISTORS

N-TYPE SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
N-TYPE SEMICONDUCTORS
RT ELECTRONS
SCHOTTKY DIODES
SEMICONDUCTOR JUNCTIONS
SUHL EFFECT

N-156 AIRCRAFT

USE F-5 AIRCRAFT

NA-300 AIRCRAFT

USE OV-10 AIRCRAFT

NACELLES

RT AERODYNAMIC CONFIGURATIONS
AIR INTAKES
AIRFRAMES
COWLINGS
DUCTED BODIES
ENGINE INLETS
EXTERNAL STORE SEPARATION
EXTERNAL STORES
EXTERNAL TANKS
FAIRINGS
HOUSINGS
NOSE INLETS
PERFORATED SHELLS
PODS (EXTERNAL STORES)
PROTUBERANCES
SHELLS (STRUCTURAL FORMS)
WING-FUSELAGE STORES

NAKED SINGULARITIES

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
SINGULARITY (MATHEMATICS)
NAKED SINGULARITIES
RT ASTROPHYSICS
BLACK HOLES (ASTRONOMY)
COSMOLOGY
GRAVITATIONAL COLLAPSE
POINTS (MATHEMATICS)
RELATIVITY
SPACE-TIME FUNCTIONS
THEORETICAL PHYSICS
WHITE HOLES (ASTRONOMY)

NAMC AIRCRAFT

USE NIHON AIRCRAFT

NAMIBIA

UF SOUTH WEST AFRICA
RT AFRICA
NATIONS
REPUBLIC OF SOUTH AFRICA

NAMING

GS NAMING
NORMS
RT SPECIFICATIONS
STANDARDIZATION

NAP-OF-THE-EARTH NAVIGATION

UF NOE NAVIGATION
GS NAVIGATION
AIR NAVIGATION
NAP-OF-THE-EARTH NAVIGATION
RT HELICOPTERS
IMAGE PROCESSING
LOW ALTITUDE
NIGHT FLIGHTS (AIRCRAFT)
NIGHT VISION
TARGET RECOGNITION
TERRAIN ANALYSIS
TERRAIN FOLLOWING AIRCRAFT

NAPHTHALENE

GS HYDROCARBONS
NAPHTHALENE

NAPHTHENES

GS ALIPHATIC COMPOUNDS
CYCLIC HYDROCARBONS
NAPHTHENES
HYDROCARBONS
CYCLIC HYDROCARBONS
NAPHTHENES

NAPPES

NAPPES

USE FOLDS (GEOLOGY)

NARCOLEPSY

GS DISEASES
NARCOLEPSY

NARCOSIS

GS UNCONSCIOUSNESS
NARCOSIS
RT ∞ POISONING

NARCOTICS

GS DRUGS
NARCOTICS
MORPHINE
RT PENTOBARBITAL
PHENOBARBITAL
PSYCHOTROPIC DRUGS

NARROWBAND

GS BANDWIDTH
NARROWBAND
RT ∞ BANDS
BROADBAND
FREQUENCIES

NASA COMMUNICATION NETWORK

USE NASCOM NETWORK

NASA END-TO-END DATA SYSTEM

USE NEEDS (DATA SYSTEM)

NASA INTERACTIVE PLANNING SYSTEM

UF NIPS (SYSTEM)
RT COMPUTER PROGRAMS
EARTH RESOURCES
MANAGEMENT METHODS
NASA PROGRAMS
PROJECT PLANNING
RESOURCE ALLOCATION
RESOURCES MANAGEMENT
∞ SYSTEMS

NASA PROGRAMS

GS PROGRAMS
NASA PROGRAMS
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
ASSESS PROGRAM
ATLIT PROJECT
BIOASTRONAUTICAL ORBITAL SPACE
SYSTEM
CENTAUR PROJECT
DAST PROGRAM
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
ECHO PROJECT
GALILEO PROJECT
GEMINI PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARINER PROGRAM
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
PIONEER PROJECT
PROJECT SETI
QUIET ENGINE PROGRAM
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCOUT PROJECT
SKYLAB PROGRAM
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TACT PROGRAM
TEKTITE PROJECT
TERMINAL CONFIGURED VEHICLE
PROGRAM
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM

NASA PROGRAMS-(CONT)

TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
RT AGRISTARS PROJECT
APOLLO EXTENSION SYSTEM
CANADIAN SPACE PROGRAM
COMMITTEE ON SPACE RESEARCH
COMMUNICATIONS TECHNOLOGY
SATELLITE
DELAYED FLAP APPROACH
EARTH RESOURCES INFORMATION
SYSTEM
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHIC APPLICATIONS PROGRAM
GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
GRANTS
GRAVITY PROBE B
LANDSAT SATELLITES
LEASING
NASA INTERACTIVE PLANNING SYSTEM
NASA SPACE PROGRAMS
NOESS
OSS-1 PAYLOAD
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
QUASAT
QUESTOL
∞ RESEARCH PROJECTS
ROTOR SYSTEMS RESEARCH AIRCRAFT
SEASAT SATELLITES
SINGLE STAGE TO ORBIT VEHICLES
SPACE PROGRAMS
SPACE TRANSPORTATION SYSTEM
SPACELAB
STARSITE PROGRAM
STORMSAT SATELLITE
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
TECHNOLOGY UTILIZATION
TRANSIT NAVIGATION SYSTEM
UNIVERSITY PROGRAM
VIKING MARS PROGRAM

NASA SPACE PROGRAMS

GS PROGRAMS
NASA SPACE PROGRAMS
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
CENTAUR PROJECT
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
ECHO PROJECT
GALILEO PROJECT
GEMINI PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARINER PROGRAM
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
PIONEER PROJECT
PROJECT SETI
QUIET ENGINE PROGRAM
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCOUT PROJECT
SKYLAB PROGRAM
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TEKTITE PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
RT NASA PROGRAMS

NASA STRUCTURAL ANALYSIS PROGRAM

USE NASTRAN

NASA THESAURUS (VOLUME 1)

NASARR

USE NORTH AMERICAN SEARCH AND
RANGING RADAR

NASCOM NETWORK

UF NASA COMMUNICATION NETWORK
GS COMMUNICATING
POINT TO POINT COMMUNICATION
NASCOM NETWORK
COMMUNICATION NETWORKS
NASCOM NETWORK
RT FLEET SATELLITE COMMUNICATION
SYSTEM
GLOBAL TRACKING NETWORK
∞ NETWORKS
RADIO COMMUNICATION
TELECOMMUNICATION

NASTRAN

UF NASA STRUCTURAL ANALYSIS
PROGRAM
GS COMPUTER PROGRAMS
NASTRAN
RT BENDING MOMENTS
COMPUTER TECHNIQUES
DYNAMIC LOADS
FINITE ELEMENT METHOD
MATRIX METHODS
STRESS ANALYSIS
STRUCTURAL ANALYSIS

NATIONAL AIRSPACE SYSTEM

RT AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
AIRPORTS
AIRSPACE
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL AVIATION SYSTEM

NATIONAL AIRSPACE UTILIZATION SYSTEM

RT AIR LAW
AIR NAVIGATION
AIR TRAFFIC
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRSPACE
COLLISION AVOIDANCE
FLIGHT PATHS
FLIGHT PLANS
FLIGHT RULES
NATIONAL AIRSPACE SYSTEM
∞ SYSTEMS

NATIONAL AVIATION SYSTEM

RT AIR TRAFFIC
AIR TRAFFIC CONTROL
AIR TRANSPORTATION
AIRCRAFT APPROACH SPACING
FLIGHT RULES
LANDING AIDS
NATIONAL AIRSPACE SYSTEM
∞ SYSTEMS
TRAFFIC CONTROL

NATIONAL LAUNCH VEHICLE PROGRAM

GS PROGRAMS
NASA PROGRAMS
NATIONAL LAUNCH VEHICLE
PROGRAM
NASA SPACE PROGRAMS
NATIONAL LAUNCH VEHICLE
PROGRAM
RT LAUNCH VEHICLES
LAUNCHERS
LAUNCHING
LAUNCHING SITES
SPACE PROGRAMS

NATIONAL OCEANIC SATELLITE SYSTEM

RT ARTIFICIAL SATELLITES
MARITIME SATELLITES
SATELLITES
∞ SYSTEMS

NATIONAL OPERATIONAL ENVIRONMENTAL SAT

SYS
USE NOESS

NATIONAL PARKS

GS LAND
PARKS
NATIONAL PARKS

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NATIONAL PARKS-(CONT)

YELLOWSTONE NATIONAL PARK
(ID-MT-WY)

NATIONAL SEVERE STORMS PROJECT

RT METEOROLOGY
TORNADOES
WARNING SYSTEMS

NATIONS

GS

NATIONS

AFGHANISTAN
ALBANIA
ALGERIA
ANDORRA
ANGOLA
ARGENTINA
AUSTRALIA
AUSTRIA
BAHAMAS
BAHRAIN
BANGLADESH
BARBADOS
BELGIUM
BELIZE
BENIN
BOLIVIA
BOTSWANA
BRAZIL
BRUNEI
BULGARIA
BURKINA
BURMA
BURUNDI
CAMBODIA
CAMEROON
CANADA
ALBERTA
BRITISH COLUMBIA
MANITOBA
NEW BRUNSWICK
NEWFOUNDLAND
NORTHWEST TERRITORIES
NOVA SCOTIA
ONTARIO
PRINCE EDWARD ISLAND
QUEBEC
SASKATCHEWAN
YUKON TERRITORY
CAPE VERDE
CENTRAL AFRICAN REPUBLIC
CHAD
CHILE
CHINA
COLOMBIA
CONGO (BRAZZAVILLE)
COSTA RICA
CUBA
CYPRUS
CZECHOSLOVAKIA
DENMARK
DOMINICA
DOMINICAN REPUBLIC
EAST GERMANY
ECUADOR
EGYPT
EL SALVADOR
ETHIOPIA
FINLAND
FRANCE
FRENCH GUIANA
GUADELOUPE
MARTINIQUE
GABON
GAMBIA
GHANA
GREECE
GUATEMALA
GUINEA
GUYANA
HAITI
HONDURAS
HUNGARY
ICELAND
INDIA
INDONESIA
IRAN
IRAQ
IRELAND
ISRAEL
ITALY
IVORY COAST
JAMAICA
JAPAN
JORDAN

NATIONS-(CONT)

KENYA
KUWAIT
LAOS
LEBANON
LESOTHO
LIBERIA
LIBYA
LIECHTENSTEIN
LUXEMBOURG
MALAGASY REPUBLIC
MALAWI
MALAYSIA
MALDIVE ISLANDS
MALI
MAURITANIA
MEXICO
MONACO
MONGOLIA
MOROCCO
MOZAMBIQUE
NEPAL
NETHERLANDS
NEW ZEALAND
NICARAGUA
NIGER
NIGERIA
NORTH KOREA
NORWAY
OMAN
PAKISTAN
PANAMA
PARAGUAY
PERU
PHILIPPINES
POLAND
PORTUGAL
REPUBLIC OF SOUTH AFRICA
ROMANIA
RWANDA
SAN MARINO
SAUDI ARABIA
SENEGAL
SIERRA LEONE
SIKKIM
SINGAPORE
SOMALIA
SOUTH KOREA
SOUTHERN YEMEN
SPAIN
SRI LANKA
SUDAN
SURINAM
SWAZILAND
SWEDEN
SWITZERLAND
SYRIA
TAIWAN
TANZANIA
THAILAND
TIBET
TOGO
TRINIDAD AND TOBAGO
TUNISIA
TURKEY
UGANDA
UNITED ARAB EMIRATES
UNITED KINGDOM
ENGLAND
SCOTLAND
UNITED STATES
ALABAMA
ALASKA
ARIZONA
ARKANSAS
CALIFORNIA
COLORADO
CONNECTICUT
DELAWARE
FLORIDA
GEORGIA
HAWAII
IDAHO
ILLINOIS
INDIANA
IOWA
KANSAS
KENTUCKY
LOUISIANA
MAINE
MARYLAND
MASSACHUSETTS
MICHIGAN
MINNESOTA
MISSISSIPPI
MISSOURI

NATURAL LANGUAGE (COMPUTERS)

NATIONS-(CONT)

MONTANA
NEBRASKA
NEVADA
NEW HAMPSHIRE
NEW JERSEY
NEW MEXICO
NEW YORK
NORTH CAROLINA
NORTH DAKOTA
OHIO
OKLAHOMA
OREGON
PENNSYLVANIA
RHODE ISLAND
SOUTH CAROLINA
SOUTH DAKOTA
TENNESSEE
TEXAS
UTAH
VERMONT
VIRGINIA
WASHINGTON
WEST VIRGINIA
WISCONSIN
WYOMING
URUGUAY
U S S R
VATICAN CITY
VENEZUELA
VIETNAM
WEST GERMANY
YEMEN
YUGOSLAVIA
ZAIRE
ZAMBIA
ZIMBABWE

RT

AFRICA
ASIA
CITIES
COMMUNITIES
DEMOGRAPHY
DEVELOPING NATIONS
ESTONIA
EUROPE
FEDERATIONS
HONG KONG
INTERNATIONAL LAW
LATVIA
LITHUANIA
MINORITIES
NAMIBIA
POLITICS
REGIMES
SPANISH SAHARA
UNITED NATIONS

NATO 3B SATELLITE

GS

SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY
SATELLITE
NATO 3B SATELLITE

NATURAL FREQUENCIES

USE RESONANT FREQUENCIES

NATURAL GAS

GS

GASES
NATURAL GAS
LIQUEFIED NATURAL GAS
HYDROCARBONS
NATURAL GAS
LIQUEFIED NATURAL GAS
RT HYDROCARBON FUELS
METHANE
NATURAL GAS EXPLORATION
OIL FIELDS

NATURAL GAS EXPLORATION

RT

DRILLING
METHANE
NATURAL GAS
OIL EXPLORATION
PHOTOGEOLOGY

NATURAL LANGUAGE (COMPUTERS)

GS

LANGUAGES
PROGRAMMING LANGUAGES

NATURAL LANGUAGE (COMPUTERS)

RT

COMPUTER PROGRAMMING
CONTEXT
DATA PROCESSING

NATURAL LASERS

NATURAL LASERS USE LASERS

NATURAL SATELLITES

SN (EXCLUDES PLANETS)
UF PLANETARY SATELLITES
GS CELESTIAL BODIES
 NATURAL SATELLITES
 CHARON
 DEIMOS
 IAPETUS
 JUPITER SATELLITES
 GALILEAN SATELLITES
 CALLISTO
 EUROPA
 GANYMEDE
 IO
 MOON
 RHEA (ASTRONOMY)
 TITAN
 TRITON
 URANUS SATELLITES
SATELLITES
 NATURAL SATELLITES
 CHARON
 DEIMOS
 JUPITER SATELLITES
 AMALTHEA
 GALILEAN SATELLITES
 CALLISTO
 EUROPA
 GANYMEDE
 IO
 MOON
 SATURN SATELLITES
 DIONE
 ENCELADUS
 HYPERION
 IAPETUS
 JANUS
 MIMAS
 RHEA (ASTRONOMY)
 TETHYS
 TITAN
 TRITON
RT ARTIFICIAL SATELLITES
CYRILLID METEORIDS
EARTH-MOON SYSTEM
METEORIDS
PLANETS
ROCHE LIMIT
SATELLITE ATMOSPHERES
SATELLITE SURFACES
SATURN RINGS
SOLAR SYSTEM
TEKTITES
URANUS RINGS

NAUSEA

RT ANTIEMETICS AND ANTINAUSEANTS
MOTION SICKNESS
VOMITING

NAUTICAL CHARTS

GS CHARTS
 NAUTICAL CHARTS
RT NAVIGATION AIDS
NAVIGATION SATELLITES
SURFACE NAVIGATION

NAVAHO MISSILE

GS MISSILES
 RAMJET MISSILES
 NAVAHO MISSILE
 SURFACE TO SURFACE MISSILES
 CRUISE MISSILES
 NAVAHO MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
MULTISTAGE ROCKET VEHICLES
RAMJET ENGINES

NAVIER-STOKES EQUATION

GS EQUATIONS OF MOTION
 NAVIER-STOKES EQUATION
RT BURGER EQUATION
COMPUTATIONAL FLUID DYNAMICS
 EQUATIONS
 FLOW THEORY
 INCOMPRESSIBLE FLOW
 INCOMPRESSIBLE FLUIDS
 MILNE-THOMSON METHOD
 NEWTONIAN FLUIDS
 OSEN APPROXIMATION
 REYNOLDS EQUATION
 REYNOLDS STRESS

NAVIER-STOKES EQUATION-(CONT)

VISCOUS FLOW
VISCOUS FLUIDS

NAVIGATION

GS **NAVIGATION**
 AIR NAVIGATION
 ALL WEATHER AIR NAVIGATION
 AREA NAVIGATION
 NAP-OF-THE-EARTH NAVIGATION
 CELESTIAL NAVIGATION
 ASTROGUIDE NAVIGATION SYSTEM
 ASTRONAVIGATION
 DEAD RECKONING
 DIGITAL NAVIGATION
 DOPPLER NAVIGATION
 HYBRID NAVIGATION SYSTEMS
 INERTIAL NAVIGATION
 ASTROGUIDE NAVIGATION SYSTEM
 GIMBALLESS INERTIAL NAVIGATION
 OMEGA NAVIGATION SYSTEM
 POLAR NAVIGATION
 RADAR NAVIGATION
 RADIO NAVIGATION
 HYPERBOLIC NAVIGATION
 DECCA NAVIGATION
 LORAC NAVIGATION SYSTEM
 LORAN
 LORAN C
 LORAN D
 SHORAN
 TACAN
 VHF OMNIRANGE NAVIGATION
 SPACE NAVIGATION
 INTERPLANETARY NAVIGATION
 SURFACE NAVIGATION
RT AUTOMATIC FLIGHT CONTROL
AZIMUTH
BAY ICE
DECLINATION
DISTANCE MEASURING EQUIPMENT
 FIXING
 FLIGHT CONTROL
 FLIGHT PATHS
 GLOBAL POSITIONING SYSTEM
 GUIDANCE (MOTION)
 GYROSCOPIC COUPLING
 HOMING DEVICES
 LATITUDE MEASUREMENT
 LOCOMOTION
 LONGITUDE MEASUREMENT
 ORBITAL POSITION ESTIMATION
 PLOTING
 POSITION (LOCATION)
 POSITION ERRORS
 POSITIONING
 STAR TRACKERS
 STATIONKEEPING
 SYSTEMS
 TRIANGULATION

NAVIGATION AIDS

GS **NAVIGATION AIDS**
 BEACONS
 AIRPORT BEACONS
 DISCRETE ADDRESS BEACON
 SYSTEM
 RADAR BEACONS
 DISCRETE ADDRESS BEACON
 SYSTEM
 RADIO BEACONS
 OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RADIO DIRECTION FINDERS
 LASER ALTIMETERS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 NAVIGATION INSTRUMENTS
 COMPASSES
 GYROCOMPASSES
 MAGNETIC COMPASSES
 SOLAR COMPASSES
 RADIO DIRECTION FINDERS
 TERCOM
RT **AIDS**
 AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 AIRCRAFT SAFETY
 AIRPORTS
 ALL-WEATHER AIR NAVIGATION
 ALTIMETERS

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NAVIGATION AIDS-(CONT)

APPROACH INDICATORS
ATTITUDE INDICATORS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
AUTOMATIC TRAFFIC ADVISORY AND
 RESOLUTION
AUTONOMOUS NAVIGATION
BUOYS
CHARTS
DECCA NAVIGATION
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
FLIGHT CONTROL
FLIGHT MANAGEMENT SYSTEMS
FLIGHT PATHS
GYROSTABILIZERS
HEAD-UP DISPLAYS
HELIPORTS
HOMING DEVICES
HYBRID NAVIGATION SYSTEMS
INERTIAL NAVIGATION
KALMAN FILTERS
LANDING AIDS
LASER RANGE FINDERS
LORAC NAVIGATION SYSTEM
LORAN
LORAN C
LORAN D
MAPS
MARS
MILITARY AIR FACILITIES
NAUTICAL CHARTS
PLOTTERS
POSITION INDICATORS
RADIO NAVIGATION
RANGE FINDERS
REDUCED ORDER FILTERS
REFERENCE STARS
SEXTANTS
SHORAN
SOLAR SENSORS
SONAR
STAR TRACKERS
SURFACE NAVIGATION
TACAN
VHF OMNIRANGE NAVIGATION
WEATHER

NAVIGATION INSTRUMENTS

GS **NAVIGATION AIDS**
 NAVIGATION INSTRUMENTS
 COMPASSES
 GYROCOMPASSES
 MAGNETIC COMPASSES
 SOLAR COMPASSES
RT RADIO DIRECTION FINDERS
AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
ALTIMETERS
AUTONOMOUS NAVIGATION
BORESIGHT ERROR
FLIGHT CONTROL
FLIGHT INSTRUMENTS
GIMBALLESS INERTIAL NAVIGATION
HORIZON SCANNERS
HYBRID NAVIGATION SYSTEMS
INERTIAL PLATFORMS
 INSTRUMENTS
 KALMAN-SCHMIDT FILTERING
 LASER RANGE FINDERS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 LORAC NAVIGATION SYSTEM
 LORAN
 MEASURING INSTRUMENTS
 POSITION INDICATORS
 RADAR
 SOLAR SENSORS
 STAR TRACKERS
 TERCOM

NAVIGATION SATELLITES

GS **SATELLITES**
 ARTIFICIAL SATELLITES
 NAVIGATION SATELLITES
 AEROSAT SATELLITES
 EXPLORER 22 SATELLITE
 NAVIGATION TECHNOLOGY
 SATELLITES
 NAVSTAR SATELLITES
 NOVA SATELLITES
 REFSAT

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NEMBUTAL (TRADEMARK)

NAVIGATION SATELLITES-(CONT)

TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
EXPLORER 22 SATELLITE
NAVSTAR SATELLITES
NOVA SATELLITES
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
RT ACTIVE SATELLITES
ATS
GEODETIC SATELLITES
LOCATES SYSTEM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
NAUTICAL CHARTS
PASSIVE SATELLITES
SATELLITE NAVIGATION SYSTEMS
SATELLITE NETWORKS
SYNCHRONOUS SATELLITES
TRANSIT NAVIGATION SYSTEM

NAVIGATION TECHNOLOGY SATELLITES

UF NTS
GS SATELLITES
ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
NAVIGATION TECHNOLOGY SATELLITES
RT NAVSTAR SATELLITES

NAVIGATORS

GS PERSONNEL
NAVIGATORS
RT FLIGHT CREWS
FLYING PERSONNEL

NAVION AIRCRAFT

GS **NAVION AIRCRAFT**
G-1 AIRCRAFT
RT ∞ AIRCRAFT

NAVION G-1 AIRCRAFT

USE G-1 AIRCRAFT

NAVION RANGEMASTER AIRCRAFT

USE G-1 AIRCRAFT

NAVSTAR SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
NAVSTAR SATELLITES
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
NAVSTAR SATELLITES
RT ACTIVE SATELLITES
ATS
GEODETIC SATELLITES
NAVIGATION TECHNOLOGY SATELLITES
REFSAT
SATELLITE NETWORKS

NAVY

GS ARMED FORCES
NAVY
RT AIRCRAFT CARRIERS
BALLISTIC MISSILE SUBMARINES
FLEET SATELLITE COMMUNICATION
SYSTEM
NUCLEAR POWERED SHIPS
SHIPS
SUBMARINES
TRIDENT SUBMARINE
∞ VESSELS

NC-130 AIRCRAFT

USE C-130 AIRCRAFT

NDM SEMICONDUCTOR DEVICES

SN (NEGATIVE DIFFERENTIAL MOBILITY
SEMICONDUCTOR DEVICES)
UF NEGATIVE DIFF MOBILITY
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
NDM SEMICONDUCTOR DEVICES
RT CONDUCTION BANDS
∞ DEVICES

NDM SEMICONDUCTOR DEVICES-(CONT)

DIFFUSIVITY
ELECTRON MOBILITY
IONIC MOBILITY

NEAR FIELDS

GS ELECTROMAGNETIC FIELDS
NEAR FIELDS
RT ANTENNA RADIATION PATTERNS
ANTENNAS
ELECTROMAGNETIC RADIATION
FAR FIELDS
RADIO EQUIPMENT
SIDELOBES

NEAR INFRARED RADIATION

SN (0.75 TO 3 MICRONS)
GS ELECTROMAGNETIC RADIATION
INFRARED RADIATION
NEAR INFRARED RADIATION
RT FAR INFRARED RADIATION
INFRARED PHOTOMETRY
LIGHT (VISIBLE RADIATION)
∞ RADIATION
RADIATIVE HEAT TRANSFER
RADIATIVE TRANSFER
TERRESTRIAL RADIATION
THERMAL RADIATION

NEAR ULTRAVIOLET RADIATION

SN (2000 TO 4000 ANGSTROMS)
GS ELECTROMAGNETIC RADIATION
ULTRAVIOLET RADIATION
NEAR ULTRAVIOLET RADIATION
IONIZING RADIATION
ULTRAVIOLET RADIATION
NEAR ULTRAVIOLET RADIATION
RT FAR ULTRAVIOLET RADIATION
LIGHT (VISIBLE RADIATION)
∞ RADIATION

NEAR WAKES

GS WAKES
NEAR WAKES

NEARSHORE WATER

GS WATER
NEARSHORE WATER
COASTAL WATER
RT MARINE ENVIRONMENTS
OCEANS
SEA WATER
VADOSE WATER
WATER DEPTH
WETLANDS

NEBRASKA

GS NATIONS
UNITED STATES
NEBRASKA
RT MISSOURI RIVER (US)
SAND HILLS REGION (NE)

NEBULAE

GS CELESTIAL BODIES
NEBULAE
CASSIOPEIA A
CRAB NEBULA
GUM NEBULA
ORION NEBULA
PLANETARY NEBULAE
REFLECTION NEBULAE
RT GALAXIES
INTERSTELLAR MATTER
MAFFEI GALAXIES
MAGELLANIC CLOUDS
NORTH POLAR SPUR (ASTRONOMY)
OPHIUCHI CLOUDS
OPIK THEORY
SOLAR CORONA
SUPERNOVAE

NECK (ANATOMY)

GS ANATOMY
NECK (ANATOMY)
RT VERTEBRAE

NEEDLE BEARINGS

GS BEARINGS
NEEDLE BEARINGS
RT ANTIFRICTION BEARINGS
BALL BEARINGS
ROLLER BEARINGS

NEEDLES

RT DENDRITIC CRYSTALS
SEWING
SINGLE CRYSTALS
SURGICAL INSTRUMENTS

NEEDS (DATA SYSTEM)

UF NASA END-TO-END DATA SYSTEM
GS DATA SYSTEMS
NEEDS (DATA SYSTEM)
END-TO-END DATA SYSTEMS
NEEDS (DATA SYSTEM)
RT DATA ACQUISITION
DATA PROCESSING
SATELLITE INSTRUMENTS
∞ SYSTEMS

NEEL TEMPERATURE

GS TEMPERATURE
NEEL TEMPERATURE
RT ANTIFERROMAGNETISM
MAGNETIC PERMEABILITY
PHASE TRANSFORMATIONS
SPECIFIC HEAT
THERMAL EXPANSION

NEGATIVE CONDUCTANCE

RT AVALANCHE DIODES
GALLIUM ARSENIDES
GUNN EFFECT
TUNNEL DIODES

NEGATIVE DIFF MOBILITY SEMICONDUCTORS

USE NDM SEMICONDUCTOR DEVICES

NEGATIVE FEEDBACK

UF DEGENERATIVE FEEDBACK
GS FEEDBACK
NEGATIVE FEEDBACK
RT AUTOMATIC CONTROL
DAMPING
DEGENERATION
FEEDBACK CONTROL
NONLINEAR FEEDBACK
OSCILLATORS
TRANSFER FUNCTIONS

NEGATIVE IONS

GS IONS
NEGATIVE IONS
PARTICLES
CHARGED PARTICLES
NEGATIVE IONS
RT ANIONS
FORMYL IONS
FREE RADICALS
IONIC MOBILITY
NITROGEN IONS
OXYGEN IONS
PLASMA PHYSICS

NEGATIVE RESISTANCE CIRCUITS

GS CIRCUITS
NEGATIVE RESISTANCE CIRCUITS
RT ∞ RESISTANCE
TUNNEL DIODES

NEGATIVE RESISTANCE DEVICES

RT ALUMINUM GALLIUM ARSENIDES
GALLIUM ARSENIDES
GUNN DIODES
GUNN EFFECT
MIM DIODES
NEGATRON
PARAMETRIC AMPLIFIERS
RAMSAUER EFFECT
∞ RESISTANCE

NEGATRON

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
NEGATRON
RT NEGATIVE RESISTANCE DEVICES

NEMBUTAL (TRADEMARK)

GS ALIPHATIC COMPOUNDS
KETONES
NEMBUTAL (TRADEMARK)
DRUGS
NEMBUTAL (TRADEMARK)
SODIUM COMPOUNDS
NEMBUTAL (TRADEMARK)

NEODYMIUM

NEMBUTAL (TRADEMARK)-(CONT)
RT PENTOBARBITAL SODIUM

NEODYMIUM
GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
NEODYMIUM
METALS
RARE EARTH ELEMENTS
NEODYMIUM
RT DIDYMIUM

NEODYMIUM ALLOYS
GS ALLOYS
RARE EARTH ALLOYS
NEODYMIUM ALLOYS

NEODYMIUM COMPOUNDS
GS RARE EARTH COMPOUNDS
NEODYMIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

NEODYMIUM ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
NEODYMIUM ISOTOPES
RARE EARTH ELEMENTS
NEODYMIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
NEODYMIUM ISOTOPES

NEODYMIUM LASERS
GS STIMULATED EMISSION DEVICES
LASERS
NEODYMIUM LASERS
RT COHERENT LIGHT
GLASS LASERS
OPTICAL PUMPING
RARE EARTH ELEMENTS

NEON
GS CHEMICAL ELEMENTS
RARE GASES
NEON
LIQUID NEON
NEON ISOTOPES
GASES
RARE GASES
NEON
LIQUID NEON
NEON ISOTOPES

NEON ISOTOPES
UF NEON 19
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
NEON ISOTOPES
RARE GASES
NEON
NEON ISOTOPES
GASES
RARE GASES
NEON
NEON ISOTOPES

NEON 19
USE NEON ISOTOPES

NEOPENTANE
GS ALIPHATIC COMPOUNDS
ALKANES
PENTANES
NEOPENTANE
HYDROCARBONS
ALKANES
PENTANES
NEOPENTANE

NEOPLASMS
GS DISEASES
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
RT CARCINOGENS
CYSTS

NEOPRENES
USE CHLOROPRENE RESINS

NEPAL
GS NATIONS
NEPAL
RT ASIA

NEPHANALYSIS
RT ALPINE METEOROLOGY
ANVIL CLOUDS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
CAP CLOUDS
CHEMICAL ANALYSIS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUD COVER
CLOUD PHYSICS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
NEPHELOMETERS
PRECIPITATION (METEOROLOGY)
SYNOPTIC MEASUREMENT
SYNOPTIC METEOROLOGY
WEATHER FORECASTING

NEPHELINE
GS ALUMINUM COMPOUNDS
NEPHELINE
MINERALS
NEPHELINE
POTASSIUM COMPOUNDS
NEPHELINE
SILICON COMPOUNDS
SILICATES
NEPHELINE
SODIUM COMPOUNDS
NEPHELINE
RT NEPHELITE

NEPHELITE
GS ALUMINUM COMPOUNDS
NEPHELITE
CHALCOGENIDES
OXIDES
SILICON OXIDES
NEPHELITE
MINERALS
NEPHELITE
SILICON COMPOUNDS
SILICON OXIDES
NEPHELITE
RT NEPHELINE

NEPHELOMETERS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
NEPHELOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
NEPHELOMETERS
RT NEPHANALYSIS
OPTICAL MEASUREMENT
PHOTOMETERS

NEPHRITIS
GS DISEASES
KIDNEY DISEASES
NEPHRITIS

NEPTUNE (PLANET)
GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
NEPTUNE (PLANET)
RT NEPTUNE ATMOSPHERE
TRITON

NEPTUNE ATMOSPHERE
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
NEPTUNE ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
 ∞ ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
NEPTUNE (PLANET)
TRITON

NEPTUNIUM
GS CHEMICAL ELEMENTS
ACTINIDE SERIES

NASA THESAURUS (VOLUME 1)

NEPTUNIUM-(CONT)
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES

NEPTUNIUM COMPOUNDS
GS ACTINIDE SERIES COMPOUNDS
NEPTUNIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

NEPTUNIUM ISOTOPES
GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
NEPTUNIUM
NEPTUNIUM ISOTOPES

NERNST GENERATORS
USE THERMOMAGNETIC COOLING

NERNST HEAT THEOREM
USE NERNST-ETTINGSHAUSEN EFFECT

NERNST-ETTINGSHAUSEN EFFECT
UF NERNST HEAT THEOREM
GS GALVANOMAGNETIC EFFECTS
NERNST-ETTINGSHAUSEN EFFECT
RT ∞ EFFECTS
TEMPERATURE EFFECTS
THERMOMAGNETIC EFFECTS

NERVA (ENGINE)
USE NUCLEAR ENGINE FOR ROCKET
VEHICLES

NERVES
GS NERVOUS SYSTEM
GANGLIA
NERVES
RT CAROTID SINUS BODY
CAROTID SINUS REFLEX
HIS BUNDLE
NEURITIS

NERVOUS SYSTEM
UF VASOMOTOR NERVOUS SYSTEM
GS **NERVOUS SYSTEM**
AFFERENT NERVOUS SYSTEMS
AUTONOMIC NERVOUS SYSTEM
SYMPATHETIC NERVOUS SYSTEM
AXONS
CENTRAL NERVOUS SYSTEM
BRAIN
BRAIN STEM
CEREBELLUM
CEREBRAL CORTEX
CEREBRAL VENTRICLES
CEREBRUM
HIPPOCAMPUS
SPINAL CORD
SPINE
THALAMUS
DIENTCEPHALON
EFFERENT NERVOUS SYSTEMS

NERVOUS SYSTEM-(CONT)

GANGLIA
 NERVES
 NEURONS
 MYELIN
 NEUROBLASTS
 NEUROGLIA
 PERIPHERAL NERVOUS SYSTEM
 SYNAPSES
 RT ELECTROPHYSIOLOGY
 HOMEOSTASIS
 NEURASTHENIA
 NEURITIS
 NEUROPSYCHIATRY
 NEUROTRANSMITTERS
 PROPRIOCEPTORS
 PSYCHOPHARMACOLOGY
 SENSE ORGANS
 ∞ SYSTEMS

NETHERLANDS

UF HOLLAND
 GS NATIONS
NETHERLANDS
 RT ASTRONOMICAL NETHERLANDS
 SATELLITE
 EUROPE
 SURINAM

NETS

GS **NETS**
 NEURAL NETS
 PETRI NETS
 RT ∞ NETWORKS

NETWORK ANALYSIS

UF TELLEGEN THEORY
 GS **NETWORK ANALYSIS**
 CRITICAL PATH METHOD
 SNEAK CIRCUIT ANALYSIS
 RT ∞ ANALYZING
 CIRCUITS
 DATA FLOW ANALYSIS
 DISTRIBUTED PARAMETER SYSTEMS
 DUALITY PRINCIPLE
 EQUIVALENT CIRCUITS
 FOSTER THEORY
 GYRATORS
 HYDRAULIC EQUIPMENT
 INSERTION
 KIRCHHOFF LAW OF NETWORKS
 LC CIRCUITS
 ∞ NETWORKS
 ∞ PATHS
 RC CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 SIGNAL FLOW GRAPHS
 SUPERPOSITION (MATHEMATICS)

NETWORK CONTROL

RT COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 COMPUTER NETWORKS
 ∞ CONTROL
 PACKET SWITCHING
 SATELLITE NETWORKS
 TRANSMISSION EFFICIENCY

NETWORK SYNTHESIS

UF TELLEGEN THEORY
 RT COMMUNICATION THEORY
 EQUIVALENT CIRCUITS
 HYDRAULIC EQUIPMENT
 KIRCHHOFF LAW OF NETWORKS
 LC CIRCUITS
 ∞ NETWORKS
 RC CIRCUITS
 RICHARDS THEOREM
 RL CIRCUITS
 RLC CIRCUITS
 SUPERPOSITION (MATHEMATICS)
 SWITCHING THEORY
 ∞ SYNTHESIS
 TOPOLOGY

∞ NETWORKS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARPA COMPUTER NETWORK
 BOND GRAPHS
 CIRCUITS
 COMPUTER NETWORKS
 COUPLING CIRCUITS

NETWORKS-(CONT)

DEEP SPACE NETWORK
 DIFFERENTIATORS
 ELECTRIC NETWORKS
 ELECTRIC POWER TRANSMISSION
 GRAPHS (CHARTS)
 GYRATORS
 HYDRAULIC EQUIPMENT
 INTEGRATORS
 MAGNETIC CIRCUITS
 MOSAICS
 NASCOM NETWORK
 NETS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 NEURAL NETS
 PNEUMATIC EQUIPMENT
 QUADRUPOLE NETWORKS
 RADAR NETWORKS
 SATELLITE NETWORKS
 SIGNAL FLOW GRAPHS
 TOPOLOGY
 TRACKING NETWORKS
 TRANSMISSION LINES
 TRANSPORTATION NETWORKS
 UNDERGROUND TRANSMISSION LINES

NEUMANN PROBLEM

GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
NEUMANN PROBLEM
 BOUNDARY VALUE PROBLEMS
NEUMANN PROBLEM
 RT DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 ∞ PROBLEMS

NEURAL NETS

GS **NETS**
NEURAL NETS
 RT CYBERNETICS
 LOGIC CIRCUITS
 ∞ NETWORKS

NEURASTHENIA

GS DISEASES
NEURASTHENIA
 RT NERVOUS SYSTEM

NEURISTORS

GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
NEURISTORS
 RT BIONICS

NEURITIS

GS DISEASES
NEURITIS
 RT NERVES
 NERVOUS SYSTEM

NEUROBLASTS

GS CELLS (BIOLOGY)
NEUROBLASTS
 NERVOUS SYSTEM
NEUROBLASTS

NEUROGLIA

GS NERVOUS SYSTEM
NEUROGLIA
 TISSUES (BIOLOGY)
NEUROGLIA
 RT CELLS (BIOLOGY)

NEUROLOGY

UF NEUROSCIENCE
 GS MEDICAL SCIENCE
NEUROLOGY
 RT BRAIN
 CHEMICAL DEFENSE
 ELECTROPHYSIOLOGY
 LIFE SCIENCES
 NEUROPSYCHIATRY
 THRESHOLDS (PERCEPTION)

NEUROMUSCULAR TRANSMISSION

RT BIOELECTRICITY
 CHOLINESTERASE
 NEUROTRANSMITTERS
 PERIPHERAL NERVOUS SYSTEM
 SYNAPSES

NEURON TRANSMISSION

USE BIOELECTRICITY

NEURONS

GS CELLS (BIOLOGY)
NEURONS
 NERVOUS SYSTEM
 GANGLIA
NEURONS
 RT BLOOD-BRAIN BARRIER
 SYNCODERS

NEUROPHYSIOLOGY

GS PHYSIOLOGY
NEUROPHYSIOLOGY
 RT GANGLIA
 ONTOGENY
 PSYCHOTROPIC DRUGS
 ∞ SCIENCE

NEUROPSYCHIATRY

GS MEDICAL SCIENCE
NEUROPSYCHIATRY
 RT HUMAN BEHAVIOR
 ∞ MEDICINE
 MENTAL HEALTH
 NERVOUS SYSTEM
 NEUROLOGY
 PSYCHOTHERAPY

NEUROSCIENCE

USE NEUROLOGY

NEUROSES

GS **NEUROSES**
 NEUROTIC DEPRESSION
 RT FEAR
 FEAR OF FLYING
 PSYCHOSES

NEUROSPORA

GS FUNGI
NEUROSPORA
 RT GENETICS

NEUROTIC DEPRESSION

GS **NEUROSES**
NEUROTIC DEPRESSION
 RT ∞ DEPRESSION
 PSYCHOTIC DEPRESSION

NEUROTRANSMITTERS

RT AXONS
 CELLS (BIOLOGY)
 NERVOUS SYSTEM
 NEUROMUSCULAR TRANSMISSION

NEUROTROPISM

GS TROPISM
NEUROTROPISM

NEUTRAL ATMOSPHERES

RT ∞ ATMOSPHERES

NEUTRAL ATOMS

GS ATOMS
NEUTRAL ATOMS
 RT ATOMIC BEAMS
 CHARGE DISTRIBUTION
 ∞ ELEMENTS
 NEUTRAL BEAMS

NEUTRAL BEAMS

GS BEAMS (RADIATION)
 PARTICLE BEAMS
NEUTRAL BEAMS
 MOLECULAR BEAMS
 NEUTRON BEAMS
 RT ATOMIC BEAMS
 BEAM INJECTION
 BEAM NEUTRALIZATION
 NEUTRAL ATOMS
 PARTICLES
 PION BEAMS

NEUTRAL CURRENTS

RT CURRENT DISTRIBUTION
 GRAVITATIONAL COLLAPSE
 NEUTRAL PARTICLES
 NEUTRINOS
 NEUTRON STARS
 PARTICLE INTERACTIONS
 STELLAR EVOLUTION

NEUTRAL GASES

NEUTRAL GASES

- GS EXTRATERRESTRIAL MATTER
 - COSMIC GASES
 - INTERSTELLAR GAS
- NEUTRAL GASES
 - GASES
 - RAREFIED GASES
 - COSMIC GASES
 - INTERSTELLAR GAS
 - NEUTRAL GASES
- RT INTERPLANETARY GAS

NEUTRAL PARTICLES

- GS PARTICLES
 - NEUTRAL PARTICLES
 - GRAVITINOS
 - NEUTRONS
 - COLD NEUTRONS
 - FAST NEUTRONS
 - PHOTONEUTRONS
 - THERMAL NEUTRONS
- RT ELECTRON RECOMBINATION
- NEUTRAL CURRENTS

NEUTRAL SHEETS

- RT ATMOSPHERIC PHYSICS
- CHARGED PARTICLES
- MAGNETOSPHERE
- PARTICLE MOTION
- PLASMA PHYSICS
- ∞ SHEETS

NEUTRALIZERS

- RT ADDITIVES
- ∞ AGENTS
 - BUFFERS (CHEMISTRY)
 - DISCHARGERS
 - INHIBITORS
 - PRESERVATIVES
 - RETARDANTS
 - STABILIZERS (AGENTS)
 - SUPPRESSORS

NEUTRINO BEAMS

- GS BEAMS (RADIATION)
 - PARTICLE BEAMS
 - NEUTRINO BEAMS

NEUTRINOS

- GS PARTICLES
 - ELEMENTARY PARTICLES
 - FERMIONS
 - LEPTONS
 - NEUTRINOS
 - SOLAR NEUTRINOS
- RT ANTINEUTRINOS
- GRAVITINOS
- NEUTRAL CURRENTS

NEUTRON ABSORBERS

- RT ABSORBERS (MATERIALS)
- CONTROL RODS
- MODERATORS
- POISONING (REACTION INHIBITION)
- *RADIATION ABSORPTION
- RADIATION SHIELDING

NEUTRON ACTIVATION ANALYSIS

- GS ACTIVATION ANALYSIS
 - NEUTRON ACTIVATION ANALYSIS
 - CHEMICAL TESTS
 - CHEMICAL ANALYSIS
 - NEUTRON ACTIVATION ANALYSIS
- RT MASS SPECTROMETERS
- MICROANALYSIS
- QUALITATIVE ANALYSIS
- QUANTITATIVE ANALYSIS
- SPECTROSCOPIC ANALYSIS

NEUTRON BEAMS

- GS BEAMS (RADIATION)
 - PARTICLE BEAMS
 - NEUTRAL BEAMS
 - NEUTRON BEAMS
 - NUCLEAR RADIATION
 - NEUTRON BEAMS
- RT ATOMIC BEAMS
- PARTICLES
- PION BEAMS
- PROTON BEAMS

NEUTRON COUNTERS

- UF NEUTRON DETECTORS
- GS MEASURING INSTRUMENTS

NEUTRON COUNTERS-(CONT)

- COUNTERS
 - RADIATION COUNTERS
 - NEUTRON COUNTERS
 - NEUTRON SPECTROMETERS
 - RADIATION MEASURING INSTRUMENTS
 - RADIATION COUNTERS
 - NEUTRON COUNTERS
 - NEUTRON SPECTROMETERS
- RT DOSIMETERS
- GEIGER COUNTERS
- IONIZATION CHAMBERS
- PROPORTIONAL COUNTERS
- SCINTILLATION COUNTERS
- SPARK CHAMBERS

NEUTRON CROSS SECTIONS

- RT ABSORPTION CROSS SECTIONS
- ∞ CROSS SECTIONS
- NUCLEAR PARTICLES
- SCATTERING CROSS SECTIONS
- STOPPING POWER

NEUTRON DECAY

- GS DECAY
 - NEUTRON DECAY
- RT HOT ATOMS

NEUTRON DETECTORS

- USE NEUTRON COUNTERS

NEUTRON DIFFRACTION

- GS DIFFRACTION
 - NEUTRON DIFFRACTION
- RT CRYSTALLOGRAPHY

NEUTRON DISTRIBUTION

- GS DISTRIBUTION (PROPERTY)
 - NEUTRON DISTRIBUTION
- RT NUCLEAR PARTICLES

NEUTRON EMISSION

- GS DECAY
 - EMISSION
 - PARTICLE EMISSION
 - NEUTRON EMISSION
 - RADIOACTIVE DECAY
 - NEUTRON EMISSION
 - NUCLEAR REACTIONS
 - RADIOACTIVE DECAY
 - NEUTRON EMISSION
- RT NEUTRONS
- SELECTION RULES (NUCLEAR PHYSICS)

NEUTRON FLUX

- USE FLUX (RATE)

NEUTRON FLUX DENSITY

- SN (NEUTRON EMISSION OR DETECTION
 - RATE PER UNIT AREA)
- GS RATES (PER TIME)
 - FLUX DENSITY
 - RADIANT FLUX DENSITY
 - PARTICLE FLUX DENSITY
 - NEUTRON FLUX DENSITY
- RT HIGH FLUX ISOTOPE REACTORS
- IRRADIANCE
- NUCLEAR FISSION
- RADIANCE
- RADIANCY
- RADIATION SHIELDING

NEUTRON IRRADIATION

- GS IRRADIATION
 - NEUTRON IRRADIATION
- RT ION IRRADIATION
- TRANSMUTATION

NEUTRON PHYSICS

- RT ∞ PHYSICS
- ∞ SCIENCE

NEUTRON RADIOGRAPHY

- GS IMAGERY
 - RADIOGRAPHY
 - NEUTRON RADIOGRAPHY
 - NONDESTRUCTIVE TESTS
 - NEUTRON RADIOGRAPHY
- RT ∞ MATERIALS TESTS

NEUTRON SCATTERING

- UF LEGENDRE CODE
- GS NUCLEAR REACTIONS
- NUCLEAR SCATTERING

NASA THESAURUS (VOLUME 1)

NEUTRON SCATTERING-(CONT)

- NEUTRON SCATTERING
 - SCATTERING
 - NUCLEAR SCATTERING
 - NEUTRON SCATTERING
- RT ELEMENTARY PARTICLES
- NUCLEAR PARTICLES
- RESONANCE SCATTERING

NEUTRON SOURCES

- GS RADIATION SOURCES
 - NEUTRON SOURCES
- RT LINEAR ACCELERATORS
- NUCLEAR FUELS
- NUCLEAR RESEARCH AND TEST
 - REACTORS
 - PARTICLE ACCELERATORS
 - SPENT FUELS

NEUTRON SPECTRA

- GS SPECTRA
 - ENERGY SPECTRA
 - NEUTRON SPECTRA

NEUTRON SPECTROMETERS

- UF TRIPLE AXIS SPECTROMETERS
- GS MEASURING INSTRUMENTS
- COUNTERS
 - RADIATION COUNTERS
 - NEUTRON COUNTERS
 - NEUTRON SPECTROMETERS
- RADIATION MEASURING INSTRUMENTS
- RADIATION COUNTERS
- NEUTRON COUNTERS
- NEUTRON SPECTROMETERS
- SPECTROMETERS
- NEUTRON SPECTROMETERS

NEUTRON STARS

- SN (EXCLUDES TRACKS OF PARTICLES
 - EMANATING FROM A NUCLEAR
 - COLLISION)
- GS CELESTIAL BODIES
- STARS
 - NEUTRON STARS
 - PULSARS
- RT EXTARS
- GRAVITATIONAL LENSES
- NEUTRAL CURRENTS
- SUPERNOVA REMNANTS
- X RAY BINARIES

NEUTRON THERMALIZATION

- GS ENERGY ABSORPTION
 - MODERATION (ENERGY ABSORPTION)
 - THERMALIZATION (ENERGY
 - ABSORPTION)
- NEUTRON THERMALIZATION

NEUTRON TRANSMUTATION

- USE NUCLEAR REACTIONS

NEUTRONS

- GS PARTICLES
 - ELEMENTARY PARTICLES
 - FERMIONS
 - NEUTRONS
 - COLD NEUTRONS
 - FAST NEUTRONS
 - PHOTONEUTRONS
 - THERMAL NEUTRONS
 - NEUTRAL PARTICLES
 - NEUTRONS
 - COLD NEUTRONS
 - FAST NEUTRONS
 - PHOTONEUTRONS
 - THERMAL NEUTRONS
- RT BARYONS
- CHARGED PARTICLES
- CORPUSCULAR RADIATION
- COSMIC RAYS
- NEUTRON EMISSION
- NUCLEAR RADIATION
- NUCLEI (NUCLEAR PHYSICS)
- NUCLEON POTENTIAL
- NUCLEONS
- RADIATION EFFECTS
- RADIATION SHIELDING

NEVADA

- GS NATIONS
 - UNITED STATES
 - NEVADA
- RT GREAT BASIN (US)
- LAKE TAHOE (CA-NV)

NASA THESAURUS (VOLUME 1)

NICKEL OXIDES

NEVADA-(CONT)

PYRAMID LAKE (NV)
SOUTHERN CALIFORNIA

NEW BRUNSWICK

GS NATIONS
CANADA
NEW BRUNSWICK

NEW ENGLAND (US)

GS REGIONS
NEW ENGLAND (US)
RT UNITED STATES

NEW GUINEA (ISLAND)

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
NEW GUINEA (ISLAND)
RT TORRES STRAIT

NEW HAMPSHIRE

GS NATIONS
UNITED STATES
NEW HAMPSHIRE
RT ST LAWRENCE VALLEY (NORTH AMERICA)

NEW HAVEN (CT)

GS CITIES
NEW HAVEN (CT)
RT CONNECTICUT

NEW JERSEY

GS NATIONS
UNITED STATES
NEW JERSEY
RT DELAWARE BAY (US)
DELAWARE RIVER BASIN (US)
HUDSON RIVER (NY-NJ)

NEW MEXICO

GS NATIONS
UNITED STATES
NEW MEXICO
RT COLORADO PLATEAU (US)
RIO GRANDE (NORTH AMERICA)

NEW MOONS PROJECT

GS PROGRAMS
NASA PROGRAMS
NEW MOONS PROJECT
NASA SPACE PROGRAMS
NEW MOONS PROJECT
PROJECTS
NEW MOONS PROJECT
RT NUCLEAR PROPULSION
STRUCTURAL WEIGHT
WEIGHT ANALYSIS

NEW YORK

GS NATIONS
UNITED STATES
NEW YORK
RT ADIRONDACK MOUNTAINS (NY)
DELAWARE RIVER BASIN (US)
HUDSON RIVER (NY-NJ)
LAKE CHAMPLAIN BASIN (NY-VT)
LONG ISLAND (NY)
NEW YORK CITY (NY)
ST LAWRENCE VALLEY (NORTH AMERICA)
SUSQUEHANNA RIVER BASIN (MD-NY-PA)

NEW YORK CITY (NY)

GS CITIES
NEW YORK CITY (NY)
RT NEW YORK

NEW ZEALAND

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
NEW ZEALAND
NATIONS
NEW ZEALAND

NEWFOUNDLAND

GS LANDFORMS
ISLANDS
NEWFOUNDLAND
NATIONS
CANADA

NEWFOUNDLAND-(CONT) NEWFOUNDLAND

NEWS

RT DOCUMENTATION

NEWS MEDIA

RT DATA ACQUISITION
INFORMATION
 ∞ JOURNALS

NEWTON

RT ∞ FORCE
KINETICS
NEWTONIAN FLUIDS
NONNEWTONIAN FLUIDS

NEWTON PRESSURE LAW

GS LAWS
RT NEWTON PRESSURE LAW
COMPRESSIBLE FLOW
LAMINAR FLOW
NEWTONIAN FLUIDS
PRANDTL-MEYER EXPANSION
PRESSURE
PRESSURE DISTRIBUTION

NEWTON SECOND LAW

GS KINETICS
NEWTON SECOND LAW
LAWS
RT NEWTON SECOND LAW
CONSERVATION
MOMENTUM THEORY

NEWTON THEORY

GS KINETICS
NEWTON THEORY
THEORETICAL PHYSICS
NEWTON THEORY
RT CONSERVATION LAWS
NEWTONIAN FLUIDS
NONNEWTONIAN FLUIDS
NONRELATIVISTIC MECHANICS
 ∞ THEORIES

NEWTON-BUSEMANN LAW

GS LAWS
NEWTON-BUSEMANN LAW

NEWTON-RAPHSON METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
NEWTON-RAPHSON METHOD
RT ∞ METHODOLOGY

NEWTONIAN FLUIDS

RT ANISOTROPIC FLUIDS
 ∞ FLUIDS
NAVIER-STOKES EQUATION
NEWTON
NEWTON PRESSURE LAW
NEWTON THEORY
NONNEWTONIAN FLUIDS
STRESS-STRAIN-TIME RELATIONS
VISCOUS FLUIDS

NICARAGUA

GS NATIONS
NICARAGUA
RT CENTRAL AMERICA

NICHROME (TRADEMARK)

GS ALLOYS
NICKEL ALLOYS
NICHROME (TRADEMARK)

NICKEL

GS CHEMICAL ELEMENTS
NICKEL
NICKEL ISOTOPES
METALS
TRANSITION METALS
NICKEL
NICKEL ISOTOPES
RT CONSTANTAN

NICKEL ALLOYS

GS ALLOYS
NICKEL ALLOYS
ASTROLOY (TRADEMARK)
HASTELLOY (TRADEMARK)
INCONEL (TRADEMARK)

NICKEL ALLOYS-(CONT)

KAMACITE
MONEL (TRADEMARK)
NICHROME (TRADEMARK)
NITINOL ALLOYS
RENE 41
RENE 63
RENE 77
RENE 95
UDIMET ALLOYS
WASPALLOY
RT HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
PERMALLOYS (TRADEMARK)
SHAPE MEMORY ALLOYS
STAINLESS STEELS
SULFIDATION

NICKEL CADMIUM BATTERIES

UF CADMIUM NICKEL BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
NICKEL CADMIUM BATTERIES
RT DRY CELLS
SILVER CADMIUM BATTERIES

NICKEL COATINGS

GS COATINGS
METAL COATINGS
NICKEL COATINGS
METALS
METAL COATINGS
NICKEL COATINGS
RT CORROSION PREVENTION
METAL FILMS
PROTECTIVE COATINGS

NICKEL COMPOUNDS

GS NICKEL COMPOUNDS
COHENITE
NICKEL FLUORIDES
NICKEL OXIDES
SCHREIBERSITE
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 8 COMPOUNDS
 ∞ METAL COMPOUNDS

NICKEL FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
NICKEL FLUORIDES
HALIDES
METAL HALIDES
NICKEL FLUORIDES
NICKEL COMPOUNDS
NICKEL FLUORIDES

NICKEL HYDROGEN BATTERIES

GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
NICKEL HYDROGEN BATTERIES
RT ENERGY STORAGE
HYDROGEN-BASED ENERGY
SPACECRAFT POWER SUPPLIES

NICKEL IRON BATTERIES

GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
NICKEL IRON BATTERIES
RT LEAD ACID BATTERIES
NICKEL ZINC BATTERIES
STORAGE BATTERIES

NICKEL ISOTOPES

GS CHEMICAL ELEMENTS
NICKEL
NICKEL ISOTOPES
NUCLIDES
ISOTOPES
NICKEL ISOTOPES
METALS
TRANSITION METALS
NICKEL
NICKEL ISOTOPES

NICKEL OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
NICKEL OXIDES
NICKEL COMPOUNDS

NICKEL PLATE

NICKEL OXIDES-(CONT) NICKEL OXIDES

NICKEL PLATE

GS PLATING
RT **NICKEL PLATE**
ELECTROPLATING
GOLD COATINGS

NICKEL STEELS

GS ALLOYS
IRON ALLOYS
STEELS
RT **NICKEL STEELS**
STAINLESS STEELS

NICKEL ZINC BATTERIES

UF ZINC NICKEL BATTERIES
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
DRY CELLS
NICKEL ZINC BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
DRY CELLS
NICKEL ZINC BATTERIES
STORAGE BATTERIES
NICKEL ZINC BATTERIES
STORAGE BATTERIES
RT **NICKEL ZINC BATTERIES**
NICKEL IRON BATTERIES

NICOTINAMIDE

GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
NICOTINAMIDE
NITROGEN COMPOUNDS
ALKALOIDS
NICOTINAMIDE
AMIDES
NICOTINAMIDE
VITAMINS
NICOTINAMIDE

NICOTINE

GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
NICOTINE
NITROGEN COMPOUNDS
ALKALOIDS
NICOTINE
RT TOBACCO

NICOTINIC ACID

GS HETEROCYCLIC COMPOUNDS
NICOTINIC ACID
PYRIDINES
NICOTINIC ACID
VITAMINS
NICOTINIC ACID

NIGELLA

GS PLANTS (BOTANY)
NIGELLA
RT BOTANY

NIGER

GS NATIONS
NIGER
RT AFRICA

NIGERIA

GS NATIONS
NIGERIA
RT AFRICA

NIGHT

RT DARKENING
DARKNESS
DAYTIME
DIURNAL VARIATIONS
EVENING
SHADOWS
SKY BRIGHTNESS
TWILIGHT GLOW

NIGHT AIRGLOW

USE NIGHTGLOW

NIGHT E LAYER

USE E REGION
NIGHT SKY

NIGHT F LAYER

USE F REGION
NIGHT SKY

NIGHT FLIGHTS (AIRCRAFT)

RT ∞ AIRCRAFT
APPROACH CONTROL
BLIND LANDING
DARKNESS
FLIGHT INSTRUMENTS
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
NAP-OF-THE-EARTH NAVIGATION
RADAR
RADIO BEACONS
VISIBILITY

NIGHT SKY

UF NIGHT E LAYER
NIGHT F LAYER
GS SKY
RT **NIGHT SKY**
AIRGLOW
AURORAS
GEGENSCHIN
NIGHTGLOW
SKY BRIGHTNESS
TWILIGHT GLOW
ZODIACAL LIGHT

NIGHT VISION

GS VISION
RT **NIGHT VISION**
DARK ADAPTATION
IMAGE INTENSIFIERS
LIGHT ADAPTATION
MICROCHANNELS
NAP-OF-THE-EARTH NAVIGATION

NIGHTGLOW

UF NIGHT AIRGLOW
GS ATMOSPHERIC RADIATION
SKY RADIATION
AIRGLOW
NIGHTGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
AIRGLOW
RT **NIGHTGLOW**
BIOMETEOROLOGY
NIGHT SKY
RADIO AURORAS
SKY BRIGHTNESS

NIGOTRONS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS

NIHON AIRCRAFT

UF NAMC AIRCRAFT
GS **NIHON AIRCRAFT**
YS-11 AIRCRAFT
RT ∞ AIRCRAFT

NIHON YS-11 AIRCRAFT

USE YS-11 AIRCRAFT

NIKE BOOSTER ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
NIKE BOOSTER ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
NIKE BOOSTER ROCKET ENGINES
RT ∞ NIKE ROCKETS

NIKE MISSILES

GS MISSILES
SURFACE TO AIR MISSILES

NASA THESAURUS (VOLUME 1)

NIKE MISSILES-(CONT)

NIKE MISSILES

NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
NIKE-ZEUS MISSILE
RT ANTI-AIRCRAFT MISSILES
ANTI-MISSILE MISSILES
 ∞ NIKE ROCKETS
SENTINEL SYSTEM

NIKE PROJECT

GS PROGRAMS
PROJECTS
RT **NIKE PROJECT**
 ∞ NIKE ROCKETS

NIKE ROCKET VEHICLES

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-APACHE ROCKET VEHICLE
NIKE-CAJUN ROCKET VEHICLE
NIKE-HYDAC ROCKET VEHICLE
NIKE-IROQUOIS ROCKET VEHICLE
NIKE-JAVELIN ROCKET VEHICLE
NIKE-TOMAHAWK ROCKET VEHICLE
RT ∞ NIKE ROCKETS
 ∞ VEHICLES

∞ NIKE ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT NIKE BOOSTER ROCKET ENGINES
NIKE MISSILES
NIKE PROJECT
NIKE ROCKET VEHICLES

NIKE X SYSTEMS

GS WEAPON SYSTEMS
MISSILE SYSTEMS
NIKE X SYSTEMS
RT ANTI-MISSILE MISSILES
MISSILES
SURFACE TO AIR MISSILES
 ∞ SYSTEMS

NIKE-AJAX MISSILE

GS MISSILES
ANTI-AIRCRAFT MISSILES
NIKE-AJAX MISSILE
SURFACE TO AIR MISSILES
NIKE MISSILES
NIKE-AJAX MISSILE
RT ARGO ROCKET VEHICLES
EXOS SOUNDING ROCKET
LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
TRAILBLAZER 1 REENTRY VEHICLE

NIKE-APACHE ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-APACHE ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ASP ROCKET

USE ASP ROCKET VEHICLE

NIKE-CAJUN ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-CAJUN ROCKET VEHICLE
RT CAJUN ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES

NIKE-HERCULES MISSILE

GS MISSILES
ANTI-AIRCRAFT MISSILES
NIKE-HERCULES MISSILE
SURFACE TO AIR MISSILES
NIKE MISSILES
NIKE-HERCULES MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

NIKE-HYDAC ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-HYDAC ROCKET VEHICLE
RT ∞ VEHICLES

NIKE-IROQUOIS ROCKET VEHICLE
 GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 NIKE ROCKET VEHICLES
NIKE-IROQUOIS ROCKET VEHICLE
 RT ∞VEHICLES

NIKE-JAVELIN ROCKET VEHICLE
 GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 NIKE ROCKET VEHICLES
NIKE-JAVELIN ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

NIKE-TOMAHAWK ROCKET VEHICLE
 GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 NIKE ROCKET VEHICLES
NIKE-TOMAHAWK ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ZEUS MISSILE
 UF ZEUS MISSILE
 GS MISSILES
 ANTIMISSILE MISSILES
NIKE-ZEUS MISSILE
 SURFACE TO AIR MISSILES
 NIKE MISSILES
NIKE-ZEUS MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES
 SPARTAN MISSILE
 SPRINT MISSILE

NIMBOSTRATUS CLOUDS
 UF NIMBUS CLOUDS
 GS CLOUDS
 CLOUDS (METEOROLOGY)
 CONVECTION CLOUDS
NIMBOSTRATUS CLOUDS
 RT CUMULONIMBUS CLOUDS
 PRECIPITATION (METEOROLOGY)
 STRATUS CLOUDS

NIMBUS CLOUDS
 USE NIMBOSTRATUS CLOUDS

NIMBUS PROJECT
 GS PROGRAMS
 NASA PROGRAMS
NIMBUS PROJECT
 NASA SPACE PROGRAMS
NIMBUS PROJECT
 PROJECTS
NIMBUS PROJECT
 RT CLOUD PHOTOGRAPHY
 METEOROLOGICAL SATELLITES
 SATELLITE OBSERVATION

NIMBUS SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
NIMBUS SATELLITES
 NIMBUS 1 SATELLITE
 NIMBUS 2 SATELLITE
 NIMBUS 3 SATELLITE
 NIMBUS 4 SATELLITE
 NIMBUS 5 SATELLITE
 NIMBUS 6 SATELLITE
 NIMBUS 7 SATELLITE
 RT CLOUD PHOTOGRAPHY
 ESSA SATELLITES
 INFRARED PHOTOGRAPHY
 SATELLITE OBSERVATION
 THOR AGENA LAUNCH VEHICLE

NIMBUS 1 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 1 SATELLITE
 RT CLOUD PHOTOGRAPHY
 THOR AGENA LAUNCH VEHICLE

NIMBUS 2 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 2 SATELLITE
 RT CLOUD PHOTOGRAPHY

NIMBUS 2 SATELLITE-(CONT)
 THOR AGENA LAUNCH VEHICLE

NIMBUS 3 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 3 SATELLITE

NIMBUS 4 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 4 SATELLITE

NIMBUS 5 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 5 SATELLITE

NIMBUS 6 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 6 SATELLITE

NIMBUS 7 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
 NIMBUS SATELLITES
NIMBUS 7 SATELLITE

NIMONIC ALLOYS
 GS ALLOYS
 HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
 RT IRON ALLOYS
 NICKEL ALLOYS

NIMPHE (ENGINE)
 USE HYDRAZINE ENGINES

NIMROD ACCELERATOR
 GS PARTICLE ACCELERATORS
NIMROD ACCELERATOR
 RT ∞ACCELERATORS

NIOBATES
 GS NIOBIUM COMPOUNDS
NIOBATES
 RT EUXENITE
 OXIDES
 ∞OXYGEN COMPOUNDS

NIOBIUM
 UF COLUMBIUM
 GS CHEMICAL ELEMENTS
 REFRACTORY METALS
NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
 METALS
 TRANSITION METALS
 REFRACTORY METALS
NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
 REFRACTORY MATERIALS
 REFRACTORY METALS
NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95

NIOBIUM ALLOYS
 GS ALLOYS
 HEAT RESISTANT ALLOYS
 REFRACTORY METAL ALLOYS
NIOBIUM ALLOYS
 REFRACTORY MATERIALS
 REFRACTORY METAL ALLOYS
NIOBIUM ALLOYS

NIOBIUM CARBIDES
 GS CARBON COMPOUNDS
 CARBIDES
NIOBIUM CARBIDES
 NIOBIUM COMPOUNDS
NIOBIUM CARBIDES

NIOBIUM COMPOUNDS
 GS **NIOBIUM COMPOUNDS**
 NIOBATES
 NIOBIUM CARBIDES
 NIOBIUM IODIDES
 NIOBIUM OXIDES
 NIOBIUM STANNIDES
 RT ∞CHEMICAL COMPOUNDS
 ∞GROUP 5B COMPOUNDS
 ∞METAL COMPOUNDS

NIOBIUM IODIDES
 GS HALOGEN COMPOUNDS
 HALIDES
 METAL HALIDES
NIOBIUM IODIDES
 IODINE COMPOUNDS
 IODIDES
NIOBIUM IODIDES
 NIOBIUM COMPOUNDS
NIOBIUM IODIDES

NIOBIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
NIOBIUM ISOTOPES
 NIOBIUM 95
 REFRACTORY METALS
 NIOBIUM
NIOBIUM ISOTOPES
 NIOBIUM 95
 METALS
 TRANSITION METALS
 REFRACTORY METALS
 NIOBIUM
NIOBIUM ISOTOPES
 NIOBIUM 95
 REFRACTORY MATERIALS
 REFRACTORY METALS
 NIOBIUM
NIOBIUM ISOTOPES
 NIOBIUM 95

NIOBIUM OXIDES
 GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
NIOBIUM OXIDES
 NIOBIUM COMPOUNDS
NIOBIUM OXIDES

NIOBIUM STANNIDES
 GS NIOBIUM COMPOUNDS
NIOBIUM STANNIDES
 TIN COMPOUNDS
 STANNIDES
NIOBIUM STANNIDES

NIOBIUM 95
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 NIOBIUM ISOTOPES
NIOBIUM 95
 RADIOACTIVE ISOTOPES
NIOBIUM 95
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
NIOBIUM 95
 METALS
 TRANSITION METALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
NIOBIUM 95
 REFRACTORY MATERIALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
NIOBIUM 95

NIPS (SYSTEM)
 USE NASA INTERACTIVE PLANNING SYSTEM

NITINOL ALLOYS
 GS ALLOYS
 NICKEL ALLOYS
NITINOL ALLOYS
 SHAPE MEMORY ALLOYS
NITINOL ALLOYS
 TITANIUM ALLOYS
NITINOL ALLOYS

NITRAMINE PROPELLANTS

NITRAMINE PROPELLANTS

GS PROPELLANTS
ROCKET PROPELLANTS
NITRAMINE PROPELLANTS
SOLID PROPELLANTS
NITRAMINE PROPELLANTS
RT OXIDIZERS

NITRASOL EXPLOSIVES

GS EXPLOSIVES
NITRASOL EXPLOSIVES
PROPELLANTS
NITRASOL EXPLOSIVES

NITRATE ESTERS

GS ALIPHATIC COMPOUNDS
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE
ESTERS
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE
NITROGEN COMPOUNDS
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE

NITRATES

GS NITROGEN COMPOUNDS
NITRATES
DINITRATES
INORGANIC NITRATES
AMMONIUM NITRATES
HYDRAZINE NITRATE
POTASSIUM NITRATES
SILVER NITRATES
SODIUM NITRATES
METHYL NITRATE
ORGANIC NITRATES
CELLULOSE NITRATE
NITROFORMS
HYDRAZINE NITROFORM
NITROGLYCERIN
PETN

NITRATION

GS CHEMICAL REACTIONS
NITRATION
RT DENITROGENATION

NITRIC ACID

GS ACIDS
NITRIC ACID
NITROGEN COMPOUNDS
NITRIC ACID
RT NITROUS ACID

NITRIC OXIDE

GS CHALCOGENIDES
OXIDES
NITROGEN OXIDES
NITRIC OXIDE
NITROGEN COMPOUNDS
NITROGEN OXIDES
NITRIC OXIDE
RT NITROSYLS

NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
ALUMINUM NITRIDES
BERYLLIUM NITRIDES
BORON NITRIDES
METAL NITRIDES
OXYNITRIDES
SILICON NITRIDES
TANTALUM NITRIDES
TITANIUM NITRIDES
ZIRCONIUM NITRIDES
RT CERAMIC NUCLEAR FUELS
MOLTEN SALTS

NITRIDING

GS CHEMICAL REACTIONS
NITRIDING
HARDENING (MATERIALS)
NITRIDING
HEAT TREATMENT
NITRIDING

NITRILES

GS **NITRILES**
ACRYLONITRILES

NITRILES-(CONT)

MALONONITRILE
PHOSPHONITRILES
RT CYANO COMPOUNDS

NITRITES

GS NITROGEN COMPOUNDS
NITRITES
RT ALIPHATIC COMPOUNDS

NITRO COMPOUNDS

GS NITROGEN COMPOUNDS
NITRO COMPOUNDS
NITROBENZENES
TRINITROTOLUENE
NITROGLYCERIN
NITROGUANIDINE
NITROMETHANE
NITROPROPANE
PICRATES
AMMONIUM PICRATES
POLYBUTADIENE TETRANITRAMINE
TETRYL
TRINITRO COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

NITROAMINES

GS ALIPHATIC COMPOUNDS
NITROAMINES
AMINES
NITROAMINES
NITROGEN COMPOUNDS
NITROAMINES

NITROBACTER

GS MICROORGANISMS
BACTERIA
NITROBACTER

NITROBENZENES

GS NITROGEN COMPOUNDS
NITRO COMPOUNDS
NITROBENZENES
TRINITROTOLUENE

NITROCELLULOSE

USE CELLULOSE NITRATE

NITROFLUORAMINES

GS ALIPHATIC COMPOUNDS
FLUOROAMINES
NITROFLUORAMINES
AMINES
FLUOROAMINES
NITROFLUORAMINES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
FLUOROAMINES
NITROFLUORAMINES
NITROGEN COMPOUNDS
NITROFLUORAMINES
ORGANIC COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
FLUOROAMINES
NITROFLUORAMINES

NITROFORMATES

GS FORMATES
NITROFORMATES
NITROGEN COMPOUNDS
NITROFORMATES

NITROFORMS

GS ESTERS
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM

NITROGEN

GS CHEMICAL ELEMENTS
NITROGEN
LIQUID NITROGEN
NITROGEN ATOMS
NITROGEN IONS
NITROGEN ISOTOPES
NITROGEN 15
NITROGEN 16

NASA THESAURUS (VOLUME 1)

NITROGEN-(CONT)

SOLID NITROGEN
GASES
NITROGEN
LIQUID NITROGEN
NITROGEN IONS
RT KJELDAHL METHOD
NITROGEN LASERS
NITROGENATION
NITROLYSIS
REACTION BONDING
SIALON
VEGARD-KAPLAN BANDS
WOLF-RAYET STARS

NITROGEN ATOMS

GS ATOMS
NITROGEN ATOMS
CHEMICAL ELEMENTS
NITROGEN
NITROGEN ATOMS

NITROGEN COMPOUNDS

GS **NITROGEN COMPOUNDS**
ACETANILIDE
ALKALOIDS
ATROPINE
BETAINES
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE
MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
QUINOLINE
RESERPINE
TROPYL COMPOUNDS
AMIDES
CARBAMIDES
CYANAMIDES
FORMHYDROXAMIC ACID
LYSERGAMIDE
NICOTINAMIDE
OXAMIC ACIDS
POLYIMIDES
SUCCINIMIDES
UREAS
DIFLUOROUREA
THIOUREAS
THIURONIUM
AMMONIA
LIQUID AMMONIA
AZIDES (INORGANIC)
HYDROGEN AZIDES
SODIUM AZIDES
AZIDES (ORGANIC)
SODIUM AZIDES
TRIAMINOQUANIDINIUM AZIDE
AZO COMPOUNDS
RDX
CYANO COMPOUNDS
CYANAMIDES
ISOCYANATES
DIISOCYANATES
FULMINATES
FOLIC ACID
HYDRAZINIUM COMPOUNDS
HYDRAZOIC ACID
HYDRAZONES
HYDROCYANIC ACID
IMIDES
SUCCINIMIDES
IMINES
NITRATE ESTERS
ISOPROPYL NITRATE
PROPYL NITRATE
NITRATES
DINITRATES
INORGANIC NITRATES
AMMONIUM NITRATES
HYDRAZINE NITRATE
POTASSIUM NITRATES
SILVER NITRATES
SODIUM NITRATES
METHYL NITRATE
ORGANIC NITRATES
CELLULOSE NITRATE
NITROFORMS
HYDRAZINE NITROFORM
NITROGLYCERIN
PETN
NITRIC ACID
NITRIDES

NITROGEN COMPOUNDS-(CONT)

ALUMINUM NITRIDES
 BERYLLIUM NITRIDES
 BORON NITRIDES
 METAL NITRIDES
 OXYNITRIDES
 SILICON NITRIDES
 TANTALUM NITRIDES
 TITANIUM NITRIDES
 ZIRCONIUM NITRIDES
 NITRITES
 NITRO COMPOUNDS
 NITROBENZENES
 TRINITROTOLUENE
 NITROGLYCERIN
 NITROGUANIDINE
 NITROMETHANE
 NITROPROPANE
 PICRATES
 AMMONIUM PICRATES
 POLYBUTADIENE TETRANITRAMINE
 TETRYL
 TRINITRO COMPOUNDS
 NITROAMINES
 NITROFLUORAMINES
 NITROFORMATES
 NITROGEN FLUORIDES
 NITROGEN HYDRIDES
 NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 NITROGEN POLYMERS
 NITROSAMINE
 NITROSO COMPOUNDS
 NITROSYLS
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 NITRYL FLUORIDES
 PHOSPHONITRILES
 THIAZINE (TRADEMARK)
 THYMINE
 TRINITRAMINE
 TRYPTOPHAN
 URACIL
 XANTHINES
 CAFFEINE
 GUANINES
 URIC ACID
 RT ∞CHEMICAL COMPOUNDS
 CYANIDES
 ∞GROUP 5A COMPOUNDS
 PHOSPHAZENE

NITROGEN DIOXIDE
 GS CHALCOGENIDES
 OXIDES
 NITROGEN OXIDES
NITROGEN DIOXIDE
 NITROGEN COMPOUNDS
 NITROGEN OXIDES
NITROGEN DIOXIDE

NITROGEN FIXATION
 USE NITROGENATION

NITROGEN FLUORIDES
 GS HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
NITROGEN FLUORIDES
 HALIDES
 FLUORIDES
NITROGEN FLUORIDES
 NITROGEN COMPOUNDS
 NITROGEN FLUORIDES

NITROGEN HYDRIDES
 GS HYDROGEN COMPOUNDS
 HYDRIDES
NITROGEN HYDRIDES
 NITROGEN COMPOUNDS
NITROGEN HYDRIDES
 RT AMMONIA
 HYDRAZOIC ACID

NITROGEN IONS
 GS CHEMICAL ELEMENTS
 NITROGEN
NITROGEN IONS
 GASES
 NITROGEN
NITROGEN IONS
 IONS

NITROGEN IONS-(CONT)

NITROGEN IONS
 RT NEGATIVE IONS
NITROGEN ISOTOPES
 GS CHEMICAL ELEMENTS
 NITROGEN
NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
 NUCLIDES
 ISOTOPES
NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
NITROGEN LASERS
 GS STIMULATED EMISSION DEVICES
 LASERS
 GAS LASERS
NITROGEN LASERS
 RT LASING
 NITROGEN
 POPULATION INVERSION
 PULSED LASERS
 ULTRAVIOLET LASERS

NITROGEN METABOLISM
 GS METABOLISM
NITROGEN METABOLISM
 RT BIOCHEMISTRY
 ∞BIOLOGY
 ENZYMOLOGY
 HYDROGEN METABOLISM
 NUTRITION

NITROGEN OXIDES
 GS CHALCOGENIDES
 OXIDES
NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 NITROGEN COMPOUNDS
NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 RT NITROSYLS
 NITROUS ACID
 PHOTOCHEMICAL OXIDANTS

NITROGEN PLASMA
 GS GASES
 IONIZED GASES
 CHARGED PARTICLES
NITROGEN PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
NITROGEN PLASMA

NITROGEN POLYMERS
 GS NITROGEN COMPOUNDS
NITROGEN POLYMERS
 RT ∞POLYMERS

NITROGEN TETROXIDE
 GS CHALCOGENIDES
 OXIDES
 NITROGEN OXIDES
NITROGEN TETROXIDE
 NITROGEN COMPOUNDS
 NITROGEN OXIDES
NITROGEN TETROXIDE
 RT LIQUID ROCKET PROPELLANTS
 ROCKET OXIDIZERS

NITROGEN 15
 GS CHEMICAL ELEMENTS
 NITROGEN
 NITROGEN ISOTOPES
NITROGEN 15
 NUCLIDES
 ISOTOPES
 NITROGEN ISOTOPES
NITROGEN 15

NITROGEN 16
 GS CHEMICAL ELEMENTS
 NITROGEN

NITROGEN 16-(CONT)

NITROGEN ISOTOPES
NITROGEN 16
 NUCLIDES
 ISOTOPES
 NITROGEN ISOTOPES
NITROGEN 16
 RADIOACTIVE ISOTOPES
NITROGEN 16

NITROGENATION
 UF NITROGEN FIXATION
 GS CHEMICAL REACTIONS
NITROGENATION
 RT LEGUMINOUS PLANTS
 LIGHTNING
 NITROGEN

NITROGLYCERIN
 GS ESTERS
 ORGANIC NITRATES
NITROGLYCERIN
 NITROGEN COMPOUNDS
 NITRATES
 ORGANIC NITRATES
NITROGLYCERIN
 NITRO COMPOUNDS
NITROGLYCERIN
 RT DOUBLE BASE PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 DYNAMITE
 EXPLOSIVES
 GLYCERIDES
 GLYCEROLS

NITROGUANIDINE
 UF HBNO
 GS NITROGEN COMPOUNDS
 NITRO COMPOUNDS
NITROGUANIDINE
 RT EXPLOSIVES
 SOLID PROPELLANTS

NITROLYSIS
 GS CHEMICAL REACTIONS
NITROLYSIS
 DECOMPOSITION
NITROLYSIS
 RT CRACKING (CHEMICAL ENGINEERING)
 NITROGEN

NITROMETHANE
 GS NITROGEN COMPOUNDS
 NITRO COMPOUNDS
NITROMETHANE
 RT BSX
 EXPLOSIVES

NITRONIUM COMPOUNDS
 GS **NITRONIUM COMPOUNDS**
 NITRONIUM PERCHLORATE
 RT ∞CHEMICAL COMPOUNDS

NITRONIUM PERCHLORATE
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
NITRONIUM PERCHLORATE
 NITRONIUM COMPOUNDS
NITRONIUM PERCHLORATE
 RT ROCKET OXIDIZERS

NITROPROPANE
 GS ALIPHATIC COMPOUNDS
 ALKANES
NITROPROPANE
 HYDROCARBONS
 ALKANES
NITROPROPANE
 NITROGEN COMPOUNDS
 NITRO COMPOUNDS
NITROPROPANE
 RT PROPANE

NITROSAMINE
 GS ALIPHATIC COMPOUNDS
NITROSAMINE
 AMINES
NITROSAMINE
 NITROGEN COMPOUNDS
NITROSAMINE

NITROSO COMPOUNDS
 GS NITROGEN COMPOUNDS

NITROSYL CHLORIDES

NITROSO COMPOUNDS-(CONT)

RT ∞ CHEMICAL COMPOUNDS
ORGANIC COMPOUNDS

NITROSYL CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
NITROSYL CHLORIDES
HALIDES
CHLORIDES
NITROSYL CHLORIDES
NITROSYLS
NITROSYL CHLORIDES

NITROSYLS

GS HALOGEN COMPOUNDS
NITROSYLS
NITROSYL CHLORIDES
NITROGEN COMPOUNDS
NITROSO COMPOUNDS
NITROSYLS
RT ALIPHATIC COMPOUNDS
AMINES
ESTERS
HALIDES
NITRIC OXIDE
NITROGEN OXIDES

NITROUS ACID

RT AIR POLLUTION
ATMOSPHERIC CHEMISTRY
NITRIC ACID
NITROGEN OXIDES
REACTION KINETICS

NITROUS OXIDES

GS CHALCOGENIDES
OXIDES
NITROGEN OXIDES
NITROUS OXIDES
NITROGEN COMPOUNDS
NITROGEN OXIDES
NITROUS OXIDES

NITROXYCHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
NITROXYCHLORIDES
HALIDES
CHLORIDES
NITROXYCHLORIDES
NITROGEN COMPOUNDS
NITROXYCHLORIDES

NITRYL CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
NITRYL CHLORIDES
HALIDES
CHLORIDES
NITRYL CHLORIDES
NITROGEN COMPOUNDS
NITRYL CHLORIDES

NITRYL FLUORIDES

GS NITROGEN COMPOUNDS
NITRYL FLUORIDES

NMR

USE NUCLEAR MAGNETIC RESONANCE

NOAA E

USE NOAA 8 SATELLITE

NOAA SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 2 SATELLITE
NOAA 3 SATELLITE
NOAA 4 SATELLITE
NOAA 5 SATELLITE
NOAA 6 SATELLITE
NOAA 7 SATELLITE
NOAA 8 SATELLITE
RT SMS 1
SMS 2

NOAA 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 2 SATELLITE

NOAA 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 3 SATELLITE

NOAA 4 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 4 SATELLITE

NOAA 5 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 5 SATELLITE

NOAA 6 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 6 SATELLITE
RT TIROS N SERIES SATELLITES

NOAA 7 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 7 SATELLITE
RT TIROS N SERIES SATELLITES

NOAA 8 SATELLITE

UF NOAA E
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
NOAA SATELLITES
NOAA 8 SATELLITE
RT SARSAT

NOBELIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
NOBELIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
NOBELIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
NOBELIUM
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
NOBELIUM

NOBLE GASES

USE RARE GASES

NOBLE METALS

UF PRECIOUS METALS
GS METALS
NOBLE METALS
GOLD
GOLD ISOTOPES
GOLD 198
RUTHENIUM
RUTHENIUM ISOTOPES
SILVER
SILVER ISOTOPES
RT ∞ GROUP 18 COMPOUNDS

NOCTILUCENCE

USE LUMINESCENCE

NOCTILUCENT CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
NOCTILUCENT CLOUDS

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NOCTILUCENT CLOUDS-(CONT)

RT LUMINESCENCE

NOCTURNAL VARIATIONS

GS VARIATIONS
MAGNETIC VARIATIONS
NOCTURNAL VARIATIONS
PERIODIC VARIATIONS
NOCTURNAL VARIATIONS
RT DIURNAL VARIATIONS
GEOMAGNETIC MICROPULSATIONS
GEOMAGNETIC PULSATIONS

NODES (STANDING WAVES)

RT ANTINODES
HARMONICS
RESONANT FREQUENCIES
STANDING WAVES
VIBRATION
WAVELENGTHS
 ∞ WAVES

NODULES

RT LEGUMINOUS PLANTS
PARTICLES
SPHERES
SPHERULITES

NOE NAVIGATION

USE NAP-OF-THE-EARTH NAVIGATION

NOESS

SN (NATIONAL OPERATIONAL
ENVIRONMENTAL SATELLITE SYSTEM)
UF NATIONAL OPERATIONAL
ENVIRONMENTAL SAT SYS
RT METEOROLOGICAL SATELLITES
METEOROLOGY
NASA PROGRAMS
OBSERVATION
SATELLITES
 ∞ SYSTEMS

∞ NOISE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BACKGROUND NOISE
CONTINUOUS NOISE
EFFECTIVE PERCEIVED NOISE LEVELS
ELECTROMAGNETIC NOISE
HUM
INFORMATION THEORY
NOISE (SOUND)
NOISE PROPAGATION
NOISE SPECTRA
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SPATIAL FILTERING
WHITE NOISE

NOISE (SOUND)

UF NOISE HAZARDS
GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
AIRCRAFT NOISE
JET AIRCRAFT NOISE
SONIC BOOMS
ENGINE NOISE
ROCKET ENGINE NOISE
THERMAL NOISE
RT ACOUSTICS
AEOLIAN TONES
AIRCRAFT HAZARDS
AUDITORY STIMULI
AUDITORY TASKS
BACKGROUND NOISE
ECHOES
EFFECTIVE PERCEIVED NOISE LEVELS
FLIGHT HAZARDS
HUMAN FACTORS ENGINEERING
HYPERSONIC SHOCK
JET BLAST EFFECTS
LOUDNESS
MUFFLERS
NOISE INJURIES
OPERATIONAL HAZARDS
RANDOM NOISE
RANDOM VIBRATION
REVERBERATION
SHOCK WAVES
SOUND PRESSURE
UNDERWATER ACOUSTICS

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NONDESTRUCTIVE TESTS

NOISE (SOUND)-(CONT)

WHITE NOISE

NOISE ATTENUATION

USE NOISE REDUCTION

NOISE ELIMINATION

USE NOISE REDUCTION

NOISE GENERATORS

RT ELECTROMAGNETIC NOISE
 ∞ GENERATORS
 RADIO FREQUENCY INTERFERENCE
 RANDOM NOISE
 SOUND GENERATORS
 SOUND PROPAGATION

NOISE HAZARDS

USE HAZARDS
 NOISE (SOUND)

NOISE INJURIES

GS INJURIES
 NOISE INJURIES
 RT EAR PROTECTORS

NOISE INTENSITY

RT AIRCRAFT NOISE
 AUDITORY STIMULI
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELECTROMAGNETIC NOISE
 ∞ INTENSITY
 PSYCHOACOUSTICS
 SIRENS
 SOUND INTENSITY

NOISE MEASUREMENT

GS ACOUSTIC MEASUREMENT
 NOISE MEASUREMENT
 RT AERODYNAMIC NOISE
 AIRCRAFT NOISE
 BACKGROUND NOISE
 JET AIRCRAFT NOISE
 LOUDNESS
 ∞ MEASUREMENT
 NOISE (SOUND)
 SOUND INTENSITY

NOISE METERS

SN (LIMITED TO ACOUSTIC NOISE)
 GS MEASURING INSTRUMENTS
 NOISE METERS
 RT ACOUSTIC MEASUREMENT
 FIELD INTENSITY METERS
 PRESSURE MEASUREMENT

NOISE POLLUTION

GS POLLUTION
 NOISE POLLUTION
 RT ACOUSTICS
 AUDIO FREQUENCIES
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL QUALITY
 HUMAN REACTIONS
 HUMAN TOLERANCES
 PHYSIOLOGICAL EFFECTS
 PHYSIOLOGICAL FACTORS
 SOUND WAVES

NOISE PREDICTION

GS PREDICTIONS
 NOISE PREDICTION

NOISE PREDICTION (AIRCRAFT)

UF AIRCRAFT NOISE PREDICTION
 GS PREDICTIONS
 NOISE PREDICTION (AIRCRAFT)
 RT AEROACOUSTICS
 ∞ AIRCRAFT
 AIRCRAFT NOISE
 ESTIMATES
 FORECASTING
 SOUND WAVES

NOISE PROPAGATION

RT ACOUSTICS
 COHERENCE COEFFICIENT
 CONTINUOUS NOISE
 FAR FIELDS
 NOISE SPECTRA
 SIGNAL TO NOISE RATIOS
 SOUND PROPAGATION

NOISE REDUCTION

UF NOISE ATTENUATION
 NOISE ELIMINATION
 NOISE SUPPRESSORS
 RT ACOUSTIC ATTENUATION
 ACOUSTIC DUCTS
 ACOUSTIC RETROFITTING
 ACOUSTICS
 AERODYNAMIC NOISE
 AIRCRAFT NOISE
 COAXIAL NOZZLES
 DELAYED FLAP APPROACH
 EAR PROTECTORS
 ECHO SUPPRESSORS
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELECTRICAL GROUNDING
 ELECTROMAGNETIC INTERFERENCE
 ELECTROMAGNETIC NOISE
 FLIGHT RULES
 GRAZING FLOW
 HELMHOLTZ RESONATORS
 INTERFERENCE IMMUNITY
 ISOLATORS
 JET AIRCRAFT NOISE
 LOUDNESS
 MUFFLERS
 QUIET ENGINE PROGRAM
 ∞ REDUCTION
 SHOCK WAVE ATTENUATION
 SILENCE
 SQUELCH CIRCUITS
 SUPPRESSORS
 SYNCHROPHASING
 VIBRATION ISOLATORS

NOISE SPECTRA

GS SPECTRA
 NOISE SPECTRA
 RT BACKGROUND NOISE
 CHANNEL NOISE
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC SPECTRA
 NOISE (SOUND)
 RADIATION SPECTRA
 RANDOM NOISE
 RANDOM SIGNALS
 SHOCK SPECTRA
 SIGNAL TO NOISE RATIOS
 WHITE NOISE

NOISE STORMS

GS STORMS
 NOISE STORMS
 RT COSMIC NOISE
 ELECTROMAGNETIC NOISE
 IONOSPHERIC STORMS
 MAGNETIC STORMS
 RADIO FREQUENCY INTERFERENCE
 SOLAR STORMS

NOISE SUPPRESSORS

USE NOISE REDUCTION

NOISE TEMPERATURE

GS TEMPERATURE
 NOISE TEMPERATURE
 RT ELECTROMAGNETIC NOISE
 ELECTRON ENERGY
 ELECTRON STATES
 TEMPERATURE MEASUREMENT
 THERMAL NOISE

NOISE THRESHOLD

RT AUDITORY FATIGUE
 AUDITORY PERCEPTION
 BACKGROUND NOISE
 SIGNAL TO NOISE RATIOS
 ∞ THRESHOLDS

NOISE TOLERANCE

RT HAZARDS
 HUMAN TOLERANCES
 TOLERANCES (PHYSIOLOGY)

NOMAD LAUNCH VEHICLE

GS LAUNCH VEHICLES
 NOMAD LAUNCH VEHICLE
 ROCKET VEHICLES
 SINGLE STAGE ROCKET VEHICLES
 NOMAD LAUNCH VEHICLE
 RT ATLAS LAUNCH VEHICLES
 LIQUID PROPELLANT ROCKET ENGINES

NOMENCLATURES

RT ∞ DEFINITION
 DESCRIPTIONS
 DICTIONARIES
 MNEMONICS
 SEMANTICS
 SYMBOLS
 TERMINOLOGY
 THESAURI

NOMINAL VALUES

USE APPROXIMATION

NOMOGRAMS

USE NOMOGRAPHS

NOMOGRAPHS

UF ISOPLETHS
 NOMOGRAMS
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 NOMOGRAPHS
 RT CHARTS
 GRAPHS (CHARTS)

NONADIABATIC CONDITIONS

GS CONDITIONS
 NONADIABATIC CONDITIONS
 RT ENERGY TRANSFER
 HEAT TRANSFER
 NONISOTHERMAL PROCESSES
 THERMODYNAMICS

NONADIABATIC PROCESSES

USE HEAT TRANSFER

NONADIABATIC THEORY

RT ADIABATIC EQUATIONS
 CHARGED PARTICLES
 ENERGY DISSIPATION
 IONIZATION CROSS SECTIONS
 MAGNETIC DISTURBANCES
 ∞ THEORIES
 WAVE PROPAGATION

NONANES

GS ALIPHATIC COMPOUNDS
 ALKANES
 NONANES
 HYDROCARBONS
 ALKANES
 NONANES

NONAQUEOUS ELECTROLYTES

GS CONDUCTORS
 ELECTROLYTES
 NONAQUEOUS ELECTROLYTES
 RT ELECTRIC BATTERIES
 ∞ ELECTRIC CELLS
 ELECTROCHEMISTRY
 ELECTROLYTIC CELLS
 PRIMARY BATTERIES
 STORAGE BATTERIES
 WET CELLS

NONCONDENSABLE GASES

GS GASES
 NONCONDENSABLE GASES
 RT CRITICAL TEMPERATURE
 GAS-LIQUID INTERACTIONS
 LIQUEFACTION

NONCONDUCTORS

USE ELECTRICAL INSULATION

NONCONSERVATIVE FORCES

RT CONSERVATION
 CONSERVATION EQUATIONS
 CONSERVATION LAWS
 CONTINUITY EQUATION
 ∞ FORCE

NONDESTRUCTIVE TESTS

UF FLAW DETECTION
 GS NONDESTRUCTIVE TESTS
 NEUTRON RADIOGRAPHY
 PRELAUNCH TESTS
 STATIC FIRING
 RT ADHESION TESTS
 CHEMICAL TESTS
 DESTRUCTIVE TESTS
 ELECTRONIC EQUIPMENT TESTS
 ENGINE TESTS
 HARDNESS TESTS

NONELECTROLYTES

NONDESTRUCTIVE TESTS-(CONT)

HIGH TEMPERATURE TESTS
INSPECTION
LOAD TESTS
LOW TEMPERATURE TESTS
∞ MATERIALS TESTS
QUALITY CONTROL
RADIOGRAPHY
RELIABILITY
STATIC TESTS
∞ TESTS
THERMOGRAPHY
TOLERANCES (MECHANICS)
ULTRASONIC FLAW DETECTION
ULTRASONIC SPECTROSCOPY
ULTRASONIC TESTS
X RAY INSPECTION

NONELECTROLYTES

RT ELECTROLYTES

NONEQUILIBRIUM CONDITIONS

GS CONDITIONS
NONEQUILIBRIUM CONDITIONS
RT ∞ EQUILIBRIUM
UNSTEADY STATE

NONEQUILIBRIUM DRAG

USE FRICTION DRAG

NONEQUILIBRIUM FLOW

GS FLUID FLOW
GAS FLOW
NONEQUILIBRIUM FLOW
RT EQUILIBRIUM FLOW
∞ FLUIDS
HEAT TRANSMISSION
OSCILLATING FLOW
QUASI-STEADY STATES
UNSTEADY FLOW

NONEQUILIBRIUM IONIZATION

GS IONIZATION
NONEQUILIBRIUM IONIZATION

NONEQUILIBRIUM PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
NONEQUILIBRIUM PLASMAS
RT MAGNETOHYDRODYNAMIC STABILITY
NONUNIFORM PLASMAS
PLASMA COMPOSITION
PLASMA POTENTIALS
PLASMA RADIATION
PLASMA SHEATHS
ROTATING PLASMAS

NONEQUILIBRIUM RADIATION

GS ELECTROMAGNETIC RADIATION
NONEQUILIBRIUM RADIATION
RT SHOCK WAVE PROPAGATION

NONEQUILIBRIUM THERMODYNAMICS

GS THERMODYNAMICS
NONEQUILIBRIUM THERMODYNAMICS
RT IRREVERSIBLE PROCESSES

NONEUCLIDIAN GEOMETRY

USE DIFFERENTIAL GEOMETRY

NONFERROUS METALS

GS METALS
NONFERROUS METALS
RT CHEMICAL ELEMENTS
CONDUCTORS
∞ METALLURGY

NONFLAMMABLE MATERIALS

RT ASBESTOS
FIREPROOFING
∞ INORGANIC MATERIALS
KEVLAR (TRADEMARK)
∞ MATERIALS
OXIDES
REFRACTORY MATERIALS

NONGRAY ATMOSPHERES

RT ∞ ATMOSPHERES
BLACK BODY RADIATION
EMISSION
GRAY GAS
PLANETARY ATMOSPHERES

NONGRAY GAS

GS GASES
NONGRAY GAS
RT ∞ ATMOSPHERES
BLACK BODY RADIATION
EMISSION
HEAT TRANSFER
SPECTRAL EMISSION
THERMAL RADIATION
THERMODYNAMICS

NONHOLONOMIC EQUATIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
NONHOLONOMIC EQUATIONS
RT ANALYTIC FUNCTIONS
∞ EQUATIONS

NONHOMOGENEITY

USE INHOMOGENEITY

NONISENTROPICITY

GS ISENTROPIC PROCESSES
NONISENTROPICITY
RT ENTROPY
∞ PROCESSES

NONISOTHERMAL PROCESSES

RT ENERGY TRANSFER
HEAT TRANSFER
NONADIABATIC CONDITIONS
PRESSURE EFFECTS
∞ PROCESSES
TEMPERATURE GRADIENTS
THERMODYNAMICS

NONISOTROPIC PLATES

USE ANISOTROPIC PLATES

NONISOTROPY

USE ANISOTROPY

NONLIFTING VEHICLES

USE BALLISTIC VEHICLES

NONLINEAR EQUATIONS

GS ALGEBRA
NONLINEAR EQUATIONS
CUBIC EQUATIONS
DUFFING DIFFERENTIAL EQUATION
MONGE-AMPERE EQUATION
NONLINEAR EVOLUTION EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
NONLINEAR EQUATIONS
CUBIC EQUATIONS
DUFFING DIFFERENTIAL EQUATION
MONGE-AMPERE EQUATION
NONLINEAR EVOLUTION EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
RT BORN-INFELD THEORY
DIFFERENTIAL EQUATIONS
∞ EQUATIONS
FIELD THEORY (ALGEBRA)
INTEGRAL EQUATIONS
POLYNOMIALS
ROOTS OF EQUATIONS

NONLINEAR EVOLUTION EQUATIONS

GS ALGEBRA
NONLINEAR EQUATIONS
NONLINEAR EVOLUTION EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
NONLINEAR EQUATIONS
NONLINEAR EVOLUTION EQUATIONS
RT DIFFERENCE EQUATIONS
∞ EQUATIONS

NONLINEAR FEEDBACK

GS FEEDBACK
NONLINEAR FEEDBACK
RT FEEDBACK AMPLIFIERS
FEEDBACK CONTROL
NEGATIVE FEEDBACK
POSITIVE FEEDBACK
SENSORY FEEDBACK
TRANSFER FUNCTIONS

NASA THESAURUS (VOLUME 1)

NONLINEAR FILTERS

RT ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
∞ FILTERS
LINEAR FILTERS

NONLINEAR OPTICS

RT BIREFRINGENCE
ELECTRO-OPTICAL EFFECT
ELECTROMAGNETIC RADIATION
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
OPTICAL BISTABILITY
∞ OPTICS
RAMAN SPECTRA
SAGNAC EFFECT

NONLINEAR PROGRAMMING

GS OPERATIONS RESEARCH
MATHEMATICAL PROGRAMMING
NONLINEAR PROGRAMMING RESEARCH
MATHEMATICAL PROGRAMMING
NONLINEAR PROGRAMMING
RT ∞ APPLICATIONS OF MATHEMATICS
CONSTRAINTS
FORMALISM
LINEAR PROGRAMMING
OPERATIONS RESEARCH
∞ PROGRAMMING

NONLINEAR SYSTEMS

SN (DYNAMIC SYSTEMS HAVING
NONLINEAR RESPONSES)
CHAOS
RT CONTROL EQUIPMENT
DISTRIBUTED PARAMETER SYSTEMS
DYNAMIC PROGRAMMING
DYNAMICAL SYSTEMS
LINEAR SYSTEMS
STRANGE ATTRACTORS
∞ SYSTEMS
TRACKING PROBLEM

NONLINEARITY

UF QUASILINEARITY
RT DIFFERENTIAL EQUATIONS
FUNCTIONS (MATHEMATICS)
LINEARITY
MAGNETIC AMPLIFIERS
VARIABILITY
VOLTERRA EQUATIONS

NONNEWTONIAN FLOW

GS FLUID FLOW
NONNEWTONIAN FLOW
RT LIQUID FLOW
STEADY FLOW
THIXOTROPY
UNSTEADY FLOW
VISCOELASTICITY
VISCOPLASTICITY

NONNEWTONIAN FLUIDS

RT COLLOIDS
∞ FLUIDS
GELATINS
GELS
NEWTON
NEWTON THEORY
NEWTONIAN FLUIDS
RHEOLOGY
VISCOELASTICITY
VISCOPLASTICITY
VISCOUS FLUIDS

NONOHMIC EFFECT

RT BARRIER LAYERS
CONTACT RESISTANCE
∞ EFFECTS
SPACE CHARGE

NONOSCILLATORY ACTION

GS OSCILLATIONS
NONOSCILLATORY ACTION
RT OSCILLATION DAMPERS
OSCILLATORS
VIBRATION DAMPING

NONPARAMETRIC STATISTICS

GS STATISTICAL ANALYSIS
NONPARAMETRIC STATISTICS
RT ∞ STATISTICS

NONPOINT SOURCES

RT CONTAMINANTS
CONTAMINATION
DIFFUSION
ENVIRONMENTS
GASES
LIQUIDS
PARTICLES
∞ POINTS
POISONS
POLLUTION
PUBLIC HEALTH
RADIOACTIVE WASTES
∞ SOURCES
TOXICOLOGY
WASTES

NONPOLAR GASES

GS GASES
NONPOLAR GASES
RT MOLECULAR GASES
RARE GASES

NONREFLECTION

USE ENERGY ABSORPTION

NONRELATIVISTIC ELECTRONS

USE ELECTRONS

NONRELATIVISTIC MECHANICS

RT NEWTON THEORY
RELATIVITY

NONRESONANCE

RT MICROWAVE RESONANCE
TRANSMISSION LINES
TRAVELING WAVES

NONRIGIDITY

USE FLEXIBILITY

NONSTABILIZED OSCILLATION

GS OSCILLATIONS
NONSTABILIZED OSCILLATION
RT OSCILLATION DAMPERS
OSCILLATORS
PILOT INDUCED OSCILLATION
STABLE OSCILLATIONS
VIBRATION DAMPING

NONSYNCHRONIZATION

RT DEVIATION
INCOHERENCE
∞ INTERFERENCE
NONUNIFORMITY

NONUNIFORM FLOW

GS FLUID FLOW
NONUNIFORM FLOW
RT FLOW CHARACTERISTICS
GAS FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

NONUNIFORM MAGNETIC FIELDS

GS MAGNETIC FIELDS
NONUNIFORM MAGNETIC FIELDS
RT LINES OF FORCE
MAGNETIC ANOMALIES
MAGNETIC MIRRORS

NONUNIFORM PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
NONUNIFORM PLASMAS
RT KELVIN-HELMHOLTZ INSTABILITY
LOW DENSITY RESEARCH
MAGNETOHYDRODYNAMIC STABILITY
NONEQUILIBRIUM PLASMAS
PLASMA COMPOSITION
PLASMA OSCILLATIONS
PLASMA WAVES
RAREFIED PLASMAS

NONUNIFORMITY

RT FLEXIBILITY
INHOMOGENEITY
IRREGULARITIES
NONSYNCHRONIZATION
OSCILLATIONS
TURBULENCE

NONVISCOUS FLOW

USE INVISCID FLOW

NOON

RT DAYTIME
ZENITH

NORADRENALINE

GS DRUGS
STIMULANTS
NORADRENALINE
RT NOREPINEPHRINE

NORD AIRCRAFT

GS **NORD AIRCRAFT**
C-160 AIRCRAFT
MH-262 AIRCRAFT
NORD 1500 AIRCRAFT
RT ∞ AIRCRAFT

NORD 262 AIRCRAFT

USE MH-262 AIRCRAFT

NORD 1500 AIRCRAFT

UF GRIFFON AIRCRAFT
GS JET AIRCRAFT
NORD 1500 AIRCRAFT
MONOPLANES
NORD 1500 AIRCRAFT
NORD AIRCRAFT
NORD 1500 AIRCRAFT
RESEARCH AIRCRAFT
NORD 1500 AIRCRAFT
SUPERSONIC AIRCRAFT
NORD 1500 AIRCRAFT
RT ∞ AIRCRAFT

NOREPINEPHRINE

GS DRUGS
EPINEPHRINE
NOREPINEPHRINE
STIMULANTS
NOREPINEPHRINE
RT NORADRENALINE

NORLEUCINE

GS ACIDS
AMINO ACIDS
LEUCINE
NORLEUCINE
ORGANIC COMPOUNDS
AMINO ACIDS
LEUCINE
NORLEUCINE

NORMAL DENSITY FUNCTIONS

UF GAUSSIAN DISTRIBUTIONS
NORMAL DISTRIBUTIONS
GS FUNCTIONS (MATHEMATICS)
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
STATISTICAL ANALYSIS
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
RT CONTINUITY (MATHEMATICS)
DISCRETE FUNCTIONS
HISTOGRAMS

NORMAL DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

NORMAL FORCE DISTRIBUTION

USE FORCE DISTRIBUTION

NORMAL SHOCK WAVES

GS ELASTIC WAVES
SHOCK WAVES
NORMAL SHOCK WAVES
RT LONGITUDINAL WAVES
MAGNETOHYDRODYNAMIC WAVES
OBLIQUE SHOCK WAVES
PLANE WAVES
SHOCK LAYERS

NORMALITY

RT ASYMPTOTIC PROPERTIES
AVERAGE
MEAN
MEDIAN (STATISTICS)
NORMS
STATISTICAL TESTS

∞ NORMALIZING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT NORMALIZING (HEAT TREATMENT)
NORMALIZING (STATISTICS)

NORMALIZING (HEAT TREATMENT)

GS HEAT TREATMENT
NORMALIZING (HEAT TREATMENT)
RT ANNEALING
HARDENING (MATERIALS)
LASER ANNEALING
∞ NORMALIZING
TEMPERING

NORMALIZING (STATISTICS)

RT EVALUATION
∞ NORMALIZING
QUALITY CONTROL
RATINGS

NORMS

GS NAMING
NORMS
RT AVERAGE
ETHICS
MEDIAN (STATISTICS)
NORMALITY
PSYCHOMETRICS
VALUE

NORTH AMERICA

GS CONTINENTS
NORTH AMERICA
RT APPALACHIAN MOUNTAINS (NORTH
AMERICA)
CANADA
CENTRAL AMERICA
LOWER CALIFORNIA (MEXICO)
MEXICO
TUNDRA
UNITED STATES
WILLISTON BASIN (NORTH AMERICA)

NORTH AMERICAN AIRCRAFT

GS **NORTH AMERICAN AIRCRAFT**
A-2 AIRCRAFT
A-5 AIRCRAFT
B-1 AIRCRAFT
B-70 AIRCRAFT
F-86 AIRCRAFT
F-100 AIRCRAFT
OV-10 AIRCRAFT
P-51 AIRCRAFT
T-2 AIRCRAFT
T-28 AIRCRAFT
T-39 AIRCRAFT
X-15 AIRCRAFT
RT ∞ AIRCRAFT

NORTH AMERICAN SEARCH AND RANGING

RADAR
UF NASARR
GS RADAR
SEARCH RADAR
**NORTH AMERICAN SEARCH AND
RANGING RADAR**
RT RANGE AND RANGE RATE TRACKING

NORTH ATLANTIC TREATY ORGANIZATION

(NATO)
GS ORGANIZATIONS
**NORTH ATLANTIC TREATY
ORGANIZATION (NATO)**
RT INTERNATIONAL COOPERATION

NORTH CAROLINA

GS NATIONS
UNITED STATES
NORTH CAROLINA
RT CAPE HATTERAS (NC)
GREAT SMOKY MOUNTAINS (NC-TN)
OUTER BANKS (NC)
SAND HILLS REGION (GA-NC-SC)

NORTH DAKOTA

GS NATIONS
UNITED STATES
NORTH DAKOTA
RT MISSOURI RIVER (US)
WILLISTON BASIN (NORTH AMERICA)

NORTH KOREA

NORTH KOREA
 UF DEMOCRATIC PEOPLES REPUBLIC OF KOREA
 GS NATIONS
NORTH KOREA
 RT ASIA
 ∞ KOREA
 SOUTH KOREA

NORTH POLAR SPUR (ASTRONOMY)
 GS EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
 GALACTIC RADIATION
 GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
 RT NEBULAE
 SUPERNOVA REMNANTS
 X RAY SPECTRA

NORTH SEA
 GS SEAS
NORTH SEA
 RT ENGLISH CHANNEL

NORTH VIETNAM
 USE VIETNAM

NORTHERN HEMISPHERE
 GS **NORTHERN HEMISPHERE**
 ARCTIC REGIONS
 RT ∞ HEMISPHERES
 NORTHERN SKY
 SOUTHERN HEMISPHERE

NORTHERN SKY
 RT ASTRONOMICAL CATALOGS
 ASTRONOMICAL COORDINATES
 ASTRONOMICAL OBSERVATORIES
 NORTHERN HEMISPHERE
 SOUTHERN SKY

NORTHROP AIRCRAFT
 GS **NORTHROP AIRCRAFT**
 A-9 AIRCRAFT
 F-5 AIRCRAFT
 F-18 AIRCRAFT
 F-89 AIRCRAFT
 T-38 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 RT ∞ AIRCRAFT

NORTHWEST TERRITORIES
 GS NATIONS
 CANADA
NORTHWEST TERRITORIES

NORTON COUNTY ACHONDRITE
 GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 ACHONDRITES
NORTON COUNTY ACHONDRITE

NORWAY
 GS NATIONS
NORWAY
 RT EUROPE
 FIORDS
 SCANDINAVIA

∞ **NOSE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT NOSE (ANATOMY)
 NOSES (FOREBODIES)

NOSE (ANATOMY)
 GS ANATOMY
 RESPIRATORY SYSTEM
NOSE (ANATOMY)
 FACE (ANATOMY)
NOSE (ANATOMY)
 RT HEAD (ANATOMY)
 ∞ NOSE
 PARANASAL SINUSES
 SINUSES

NOSE CAPS
 USE NOSE CONES

NOSE CONES
 UF NOSE CAPS
 GS CONES
NOSE CONES
 ABLATIVE NOSE CONES
 ROCKET NOSE CONES
 RT ABLATIVE MATERIALS
 BLUNT BODIES
 ∞ CAPS
 CIRCULAR CONES
 HALF CONES
 MISSILE COMPONENTS
 OGIVES
 REENTRY SHIELDING
 REENTRY VEHICLES
 SPACECRAFT COMPONENTS
 SPACECRAFT SHIELDING
 SPHERICAL CAPS
 WARHEADS

NOSE FINS
 GS FINS
NOSE FINS
 RT CONTROL SURFACES
 FINNED BODIES
 NOSES (FOREBODIES)
 VANES

NOSE INLETS
 GS INTAKE SYSTEMS
NOSE INLETS
 RT AIR INTAKES
 ANNULAR DUCTS
 BYPASS RATIO
 DUCTED BODIES
 DUCTS
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 NACELLES
 NOSES (FOREBODIES)
 SCOOPS
 SIDE INLETS
 SUPERSONIC INLETS
 ∞ WATER INTAKES

NOSE TIPS
 GS TIPS
NOSE TIPS
 RT AERODYNAMIC CONFIGURATIONS
 AIRFOIL PROFILES
 NOSES (FOREBODIES)

NOSE WHEELS
 GS WHEELS
 VEHICLE WHEELS
NOSE WHEELS
 RT BRAKES (FOR ARRESTING MOTION)
 LANDING GEAR

NOSES (FOREBODIES)
 GS AIRCRAFT STRUCTURES
 FOREBODIES
NOSES (FOREBODIES)
 RT ∞ NOSE
 NOSE FINS
 NOSE INLETS
 NOSE TIPS

NOSTOC
 GS ALGAE
 BLUE GREEN ALGAE
NOSTOC

NOTATION
 USE CODING

NOTCH SENSITIVITY
 GS MECHANICAL PROPERTIES
 TOUGHNESS
NOTCH SENSITIVITY
 SENSITIVITY
NOTCH SENSITIVITY
 RT CHARPY IMPACT TEST
 FATIGUE (MATERIALS)
 IMPACT STRENGTH
 IMPACT TESTS

NOTCH STRENGTH
 GS MECHANICAL PROPERTIES
NOTCH STRENGTH
 RT BRITTLENESS

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NOTCH STRENGTH-(CONT)
 DUCTILITY
 FATIGUE TESTS
 IMPACT TESTS
 ∞ STRENGTH
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS

NOTCH TESTS
 UF NOTCHED METALS
 GS **NOTCH TESTS**
 CHARPY IMPACT TEST
 RT BRITTLENESS
 DROP TESTS
 FATIGUE TESTS
 HARDNESS
 IMPACT TESTS
 STRESS CONCENTRATION
 ∞ TESTS

NOTCHED METALS
 USE NOTCH TESTS

NOTCHES
 RT PASSAGEWAYS
 V GROOVES

∞ **NOVA**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT NOVA LAUNCH VEHICLES
 NOVAE

NOVA COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
 MINICOMPUTERS
NOVA COMPUTERS

NOVA LASER SYSTEM
 GS STIMULATED EMISSION DEVICES
 LASERS
 HIGH POWER LASERS
NOVA LASER SYSTEM
 RT LASER FUSION
 LASER OUTPUTS
 SHIVA LASER SYSTEM
 ∞ SYSTEMS

NOVA LAUNCH VEHICLES
 GS LAUNCH VEHICLES
NOVA LAUNCH VEHICLES
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
NOVA LAUNCH VEHICLES
 RT F-1 ROCKET ENGINE
 J-2 ENGINE
 LIQUID PROPELLANT ROCKET ENGINES
 M-1 ENGINE
 ∞ NOVA
 ∞ VEHICLES

NOVA SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 NAVIGATION SATELLITES
NOVA SATELLITES
 UNMANNED SPACECRAFT
 NAVIGATION SATELLITES
NOVA SATELLITES
 RT DISCOS (SATELLITE ATTITUDE CONTROL)
 TRANSIT NAVIGATION SYSTEM

NOVA SCOTIA
 GS NATIONS
 CANADA
NOVA SCOTIA

NOVAE
 GS CELESTIAL BODIES
 STARS
 VARIABLE STARS
NOVAE
 DWARF NOVAE
 HERCULES NOVA
 RT CATAclysmic VARIABLES
 ∞ NOVA
 SHOCK WAVES
 STELLAR MASS
 STELLAR MASS EJECTION
 SUPERNOVAE

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NUCLEAR DEFORMATION

NOVAE-(CONT)

SYMBIOTIC STARS

NOVOCAIN

GS DRUGS
ANESTHETICS
NOVOCAIN

NOWCASTING

GS FORECASTING
WEATHER FORECASTING
NOWCASTING
METEOROLOGY
WEATHER FORECASTING
NOWCASTING

NOXIOUS MATERIALS

USE CONTAMINANTS

NOZZLE COEFFICIENT

USE NOZZLE FLOW

NOZZLE DESIGN

RT ∞ DESIGN
ENGINE DESIGN
∞ NOZZLES

NOZZLE EFFICIENCY

GS EFFICIENCY
NOZZLE EFFICIENCY
RT ∞ NOZZLES
POWER EFFICIENCY
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY

NOZZLE FLOW

UF NOZZLE COEFFICIENT
GS FLUID FLOW
RT NOZZLE FLOW
AEROTHERMOCHEMISTRY
ANNULAR FLOW
CORNER FLOW
DISCHARGE COEFFICIENT
EXHAUST GASES
EXHAUST NOZZLES
FISSIONABLE MATERIALS
FLOW GEOMETRY
FLUID INJECTION
INJECTORS
JET FLOW
OUTLET FLOW
PNEUMATIC PROBES
SUPERSONIC JET FLOW
TRANSONIC FLOW

NOZZLE GEOMETRY

GS GEOMETRY
NOZZLE GEOMETRY
RT COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DISCHARGE COEFFICIENT
DIVERGENT NOZZLES
MASS FLOW FACTORS
∞ NOZZLES
PIPE NOZZLES
PLUG NOZZLES
SHROUDED NOZZLES
SPIKE NOZZLES
THROATS

NOZZLE INSERTS

GS INSERTS
NOZZLE INSERTS
RT ABLATIVE MATERIALS
CHOKES
CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
EXHAUST NOZZLES
∞ NOZZLES
ROCKET NOZZLES
THROATS

NOZZLE THRUST COEFFICIENTS

GS COEFFICIENTS
NOZZLE THRUST COEFFICIENTS
RT DISCHARGE COEFFICIENT
FLOW COEFFICIENTS
INFLUENCE COEFFICIENT
THRUST
THRUST VECTOR CONTROL

NOZZLE WALLS

GS WALLS
RT NOZZLE WALLS
CONICAL NOZZLES
CONVERGENT NOZZLES
DIVERGENT NOZZLES
JET AMPLIFIERS
∞ NOZZLES
REFRACTORY MATERIALS
SHROUDED NOZZLES
THROATS

NOZZLELESS ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
NOZZLELESS ROCKET ENGINES
RT ROCKET NOZZLES

∞ NOZZLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ACOUSTIC NOZZLES
ANNULAR NOZZLES
ATOMIZERS
BLOWERS
CHOKES
CHOKES (RESTRICTIONS)
COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
∞ DIFFUSERS
DIVERGENT NOZZLES
DUAL THRUST NOZZLES
EXHAUST NOZZLES
FLOW MEASUREMENT
FUNNELS
HYPERSONIC NOZZLES
INJECTORS
INLET NOZZLES
NOZZLE DESIGN
NOZZLE EFFICIENCY
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
ORIFICES
OUTLETS
PIPE NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SHROUDED NOZZLES
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES
SPRAYERS
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINES
VENTS
WIND TUNNEL NOZZLES

NRX REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
NRX REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
NRX REACTORS
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET
VEHICLES

NTS

USE NAVIGATION TECHNOLOGY SATELLITES

NU FACTOR

RT POISSON RATIO

NUCLEAR AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13

NUCLEAR AUXILIARY POWER UNITS-(CONT)

SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
RT ∞ POWER SUPPLIES
RADIOISOTOPE BATTERIES
SPACECRAFT POWER SUPPLIES
THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION

NUCLEAR BINDING ENERGY

RT ACTIVATION ENERGY
∞ ENERGY
IONIZATION POTENTIALS

NUCLEAR CAPTURE

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
RT ACTIVATION ENERGY
CAPTURE EFFECT
ELECTRON TRANSITIONS
ENERGY LEVELS
∞ INTERACTIONS
IRRADIATION
SPIN
TRANSITION PROBABILITIES

NUCLEAR CHEMISTRY

RT ATOMIC STRUCTURE
∞ CHEMISTRY
ISOMERS
∞ NUCLEAR ENERGY
PHYSICAL CHEMISTRY
PLASMA CHEMISTRY
QUANTUM CHEMISTRY
RADIOCHEMISTRY

NUCLEAR DEFORMATION

GS DEFORMATION
NUCLEAR DEFORMATION

NUCLEAR DEVICES

NUCLEAR DEVICES

GS EXPLOSIVE DEVICES
NUCLEAR DEVICES
 RT ∞ DEVICES
 FISSION WEAPONS
 THERMONUCLEAR EXPLOSIONS
 WARHEADS

NUCLEAR ELECTRIC POWER GENERATION

UF NUCLEAR POWER GENERATION
 GS **NUCLEAR ELECTRIC POWER GENERATION**
 NUCLEAR AUXILIARY POWER UNITS
 SNAP
 FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 SNAP 1
 SNAP 3
 SNAP 7
 SNAP 9A
 SNAP 11
 SNAP 13
 SNAP 15
 SNAP 17
 SNAP 19
 SNAP 21
 SNAP 23
 SNAP 27
 SNAP 29
 SNAP 50
 SPACE POWER REACTORS
 FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 SNAP 50
 SPACE POWER UNIT REACTORS
 NUCLEAR POWER PLANTS
 ENRICO FERMI ATOMIC POWER PLANT
 HALLAM NUCLEAR POWER FACILITY
 ML-1 NUCLEAR POWER PLANT
 NUCLEAR POWER REACTORS
 KIWI REACTORS
 KIWI B REACTORS
 KIWI B-1 REACTOR
 KIWI B-4 REACTOR
 PATHFINDER NUCLEAR REACTOR
 PLUTONIUM RECYCLE TEST REACTOR
 SPACE POWER REACTORS
 FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 SPACE POWER UNIT REACTORS
 TORY 2 REACTOR
 TORY 2-A REACTOR
 TORY 2-C REACTOR
 THERMONUCLEAR POWER GENERATION
 RT ELECTRIC GENERATORS
 ∞ NUCLEAR ENERGY

NUCLEAR ELECTRIC PROPULSION

GS PROPULSION
 NUCLEAR PROPULSION
NUCLEAR ELECTRIC PROPULSION
 RT ELECTRIC PROPULSION
 ELECTROTHERMAL ENGINES
 ION PROPULSION
 MARINE PROPULSION
 PLASMA PROPULSION
 SPACECRAFT PROPULSION

NUCLEAR EMULSIONS

GS MIXTURES
 DISPERSIONS
 EMULSIONS
 PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
 SOLUTIONS
 PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
 RT DOSIMETERS
 RADIATION COUNTERS
 RADIATION MEASURING INSTRUMENTS

∞ NUCLEAR ENERGY

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF ATOMIC ENERGY
 RT ANNULAR CORE PULSE REACTORS
 ATOMIC THEORY
 CHEMICAL ENERGY
 ENERGY POLICY
 ENERGY STORAGE
 MOLECULAR ENERGY LEVELS
 NUCLEAR CHEMISTRY
 NUCLEAR ELECTRIC POWER GENERATION
 NUCLEAR FISSION
 NUCLEAR FUELS
 NUCLEAR FUSION
 NUCLEAR HEAT
 NUCLEAR PHYSICS
 NUCLEAR PROPULSION
 NUCLEAR REACTORS
 NUCLEAR RESEARCH
 NUCLEAR WARFARE
 NUCLEAR WEAPONS
 NUCLEONICS
 SPENT FUELS

NUCLEAR ENGINE FOR ROCKET VEHICLES

UF NERVA (ENGINE)
 GS ENGINES
 ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET VEHICLES
 RT BOOSTER ROCKET ENGINES
 KIWI REACTORS
 NRX REACTORS
 PHOEBUS NUCLEAR REACTOR
 ROVER PROJECT
 SUSTAINER ROCKET ENGINES
 ∞ VEHICLES
 WATER COOLED REACTORS

NUCLEAR EXPLOSION EFFECT

RT ∞ EFFECTS
 FALLOUT
 RADIATION EFFECTS
 RADIATION HAZARDS

NUCLEAR EXPLOSIONS

UF ATOMIC EXPLOSIONS
 GS EXPLOSIONS
NUCLEAR EXPLOSIONS
 THERMONUCLEAR EXPLOSIONS
 RT AERIAL EXPLOSIONS
 ARTIFICIAL RADIATION BELTS
 CIVIL DEFENSE
 CRATERING
 FALLOUT
 ∞ FIREBALLS
 FISHBOWL OPERATION
 HIGH ENERGY INTERACTIONS
 RADIATION HAZARDS
 UNDERGROUND EXPLOSIONS
 UNDERWATER EXPLOSIONS
 VELA SATELLITES

NUCLEAR FISSION

GS DECAY
NUCLEAR FISSION
 NUCLEAR REACTIONS
NUCLEAR FISSION
 RT CRITICAL EXPERIMENTS
 CRITICAL MASS
 FISSION PRODUCTS
 FISSION REACTORS
 FUSION-FISSION HYBRID REACTORS
 HIGH ENERGY INTERACTIONS
 NEUTRON FLUX DENSITY
 ∞ NUCLEAR ENERGY
 RADIOACTIVE DECAY
 RADIOACTIVE MATERIALS
 SUBCRITICAL MASS

NUCLEAR FUEL BURNUP

GS COMBUSTION
 FUEL COMBUSTION
NUCLEAR FUEL BURNUP
 RT CRITICAL MASS
 REACTOR PHYSICS
 REACTOR TECHNOLOGY

NUCLEAR FUEL ELEMENTS

UF FUEL ELEMENTS (NUCLEAR REACTORS)
 RT ANNULAR CORE PULSE REACTORS
 ∞ ELEMENTS

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NUCLEAR FUEL ELEMENTS-(CONT)

FUELS
 PLUTONIUM ALLOYS
 REACTOR CORES
 REACTOR MATERIALS
 URANIUM ALLOYS
 URANIUM CARBIDES

NUCLEAR FUEL REPROCESSING

GS RECLAMATION
 MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
 RT NUCLEAR FUELS
 ∞ PROCESSING
 ∞ RECOVERY
 RECYCLING
 SPENT FUELS

NUCLEAR FUELS

UF REACTOR FUELS
 GS FUELS
NUCLEAR FUELS
 CERAMIC NUCLEAR FUELS
 FISSION
 SPENT FUELS
 RT ANNULAR CORE PULSE REACTORS
 DEUTERIUM
 ENERGY POLICY
 FISSION FUELS
 FISSION
 FISSIONABLE MATERIALS
 FUEL CAPSULES
 FUEL PRODUCTION
 INERTIAL FUSION (REACTOR)
 MIXED OXIDES
 NEUTRON SOURCES
 ∞ NUCLEAR ENERGY
 NUCLEAR FUEL REPROCESSING
 PELLETS
 PLUTONIUM
 PLUTONIUM ALLOYS
 PLUTONIUM COMPOUNDS
 REACTOR CORES
 REACTOR MATERIALS
 REACTOR STARTUP TESTS
 SOL-GEL PROCESSES
 THORIUM
 THORIUM ALLOYS
 THORIUM COMPOUNDS
 TRITIUM
 URANIUM
 URANIUM ALLOYS
 URANIUM CARBIDES
 URANIUM COMPOUNDS
 URANIUM OXIDES
 URANIUM 233
 URANIUM 235
 URANIUM 238

NUCLEAR FUSION

UF NUCLEOSYNTHESIS
 GS NUCLEAR REACTIONS
 THERMONUCLEAR REACTIONS
NUCLEAR FUSION
 CONTROLLED FUSION
 RT COLLISIONAL PLASMAS
 DENSE PLASMAS
 DEUTERON IRRADIATION
 ∞ FUSION
 FUSION REACTORS
 FUSION WEAPONS
 FUSION-FISSION HYBRID REACTORS
 HIGH ENERGY INTERACTIONS
 IRRADIATION
 MAGNETIC MIRRORS
 MIRROR FUSION
 ∞ NUCLEAR ENERGY
 PLASMA FOCUS
 RAILGUN ACCELERATORS
 STELLAR PHYSICS
 ∞ SYNTHESIS
 TOKAMAK DEVICES

NUCLEAR GYROSCOPES

GS GYROSCOPES
NUCLEAR GYROSCOPES

NUCLEAR HEAT

GS HEAT
 RT **NUCLEAR HEAT**
 ∞ NUCLEAR ENERGY

NUCLEAR INTERACTIONS

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS

NUCLEAR INTERACTIONS-(CONT)

NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
PARTICLE INTERACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
STRONG INTERACTIONS (FIELD THEORY)
WEAK INTERACTIONS (FIELD THEORY)
RT COLLISION PARAMETERS
ELEMENTARY PARTICLES
∞ INTERACTIONS

NUCLEAR ISOBARS

RT CHEMICAL ELEMENTS
∞ ISOBARS
ISOTOPES
NUCLEI (NUCLEAR PHYSICS)
NUCLIDES

NUCLEAR LIGHTBULB ENGINES

GS ENGINES
ROCKET ENGINES
NUCLEAR ROCKET ENGINES
NUCLEAR LIGHTBULB ENGINES
RT GASEOUS FISSION REACTORS

NUCLEAR MAGNETIC RESONANCE

UF KNIGHT SHIFT
NMR
GS RESONANCE
MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE
PROTON RESONANCE
RT MAGNETIC SIGNALS
MAGNETOMETERS
MOLECULAR STRUCTURE
PARAMAGNETIC RESONANCE
PARTICLE SPIN
PLANCKS CONSTANT
SPIN RESONANCE
SPIN-LATTICE RELAXATION

NUCLEAR MEDICINE

UF RADIATION MEDICINE
GS MEDICAL SCIENCE
NUCLEAR MEDICINE
RADIOBIOLOGY
RT ANTIRADIATION DRUGS
HEALTH PHYSICS
∞ RADIATION
RADIOPATHOLOGY

NUCLEAR METEOROLOGY

GS METEOROLOGY
NUCLEAR METEOROLOGY
RT FALLOUT

NUCLEAR MODELS

GS MODELS
NUCLEAR MODELS
RT ATOMIC STRUCTURE
ENERGY LEVELS
MOLECULAR STRUCTURE
QUARK PARTON MODEL

NUCLEAR PARTICLES

GS PARTICLES
NUCLEAR PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
BETA PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS

NUCLEAR PARTICLES-(CONT)

XI HYPERONS
NUCLEONS
PHOTOELECTRONS
RT CORPUSCULAR RADIATION
COSMIC RAYS
ELEMENTARY PARTICLES
FISSION PRODUCTS
GAMMA RAY BURSTS
NEUTRON CROSS SECTIONS
NEUTRON DISTRIBUTION
NEUTRON SCATTERING
NUCLEON POTENTIAL
NUCLEON-NUCLEON SCATTERING
PARTICLE ACCELERATORS
PARTICLE TRACKS
PHOTONEUTRONS
PI-ELECTRONS
POSITRON ANNIHILATION
PROTON RESONANCE
PROTONS

NUCLEAR PHYSICS

GS NUCLEAR PHYSICS
REACTOR PHYSICS
RT ATOMIC STRUCTURE
CURRENT ALGEBRA
ELECTROMAGNETIC ABSORPTION
FIELD THEORY (PHYSICS)
HEALTH PHYSICS
∞ NUCLEAR ENERGY
NUCLEONICS
PARITY
PARTICLE SPIN
∞ PHYSICS
QUANTUM THEORY
∞ SCIENCE
THEORETICAL PHYSICS

NUCLEAR POTENTIAL

GS POTENTIAL ENERGY
NUCLEAR POTENTIAL
RT NUCLEON POTENTIAL

NUCLEAR POWER GENERATION

USE NUCLEAR ELECTRIC POWER GENERATION

NUCLEAR POWER PLANTS

GS ELECTRIC POWER PLANTS
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
HALLAM NUCLEAR POWER FACILITY
ML 1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
HALLAM NUCLEAR POWER FACILITY
ML-1 NUCLEAR POWER PLANT
RT PLASMA CORE REACTORS

NUCLEAR POWER REACTORS

GS NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
PATHFINDER NUCLEAR REACTOR
PLUTONIUM RECYCLE TEST REACTOR
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
PATHFINDER NUCLEAR REACTOR
PLUTONIUM RECYCLE TEST REACTOR
SPACE POWER REACTORS

NUCLEAR POWER REACTORS-(CONT)

FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
RT BOILING WATER REACTORS
BREEDER REACTORS
FAST NUCLEAR REACTORS
FAST OXIDE REACTORS
HIGH TEMPERATURE GAS COOLED REACTORS
LIQUID METAL FAST BREEDER REACTORS
POWER REACTORS
PRESSURIZED WATER REACTORS
SNAP
SODIUM GRAPHITE REACTORS

NUCLEAR POWERED SHIPS

GS SURFACE VEHICLES
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
WATER VEHICLES
SHIPS
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
RT AIRCRAFT CARRIERS
CARGO SHIPS
NAVY
SUBMARINES

NUCLEAR PROPELLED AIRCRAFT

RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
RESEARCH AIRCRAFT

NUCLEAR PROPULSION

UF CHEMONUCLEAR PROPULSION
THERMONUCLEAR PROPULSION
GS PROPULSION
NUCLEAR PROPULSION
NUCLEAR ELECTRIC PROPULSION
RT AIRCRAFT ENGINES
GASEOUS FISSION REACTORS
HIGH TEMPERATURE REACTORS
HIGH TEMPERATURE PROPELLANTS
MARINE PROPULSION
MERCURY ION ENGINES
NEW MOONS PROJECT
∞ NUCLEAR ENERGY
ROVER PROJECT
SAVANNAH NUCLEAR SHIP
SPACECRAFT PROPULSION
TRIDENT SUBMARINE
UNDERWATER PROPULSION

NUCLEAR PUMPED LASERS

GS STIMULATED EMISSION DEVICES
LASERS
NUCLEAR PUMPED LASERS
RT OPTICAL PUMPING
OPTICAL RESONANCE

NUCLEAR PUMPING

RT ELECTRON PUMPING
ENERGY TRANSFER
FISSION PRODUCTS
GAS LASERS
LASERS
OPTICAL PUMPING
POPULATION INVERSION
∞ PUMPING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

NUCLEAR QUADRUPOLE RESONANCE

GS RESONANCE
NUCLEAR QUADRUPOLE RESONANCE
RT ENERGY LEVELS
QUADRUPOLES

NUCLEAR RADIATION

GS NUCLEAR RADIATION
BETA PARTICLES
FAST NEUTRONS
GAMMA RAY BEAMS
GAMMA RAYS
GAMMA RAY BURSTS
NEUTRON BEAMS

NUCLEAR RADIATION SPECTROSCOPY

NUCLEAR RADIATION-(CONT)

PHOTONEUTRONS
POST-BLAST NUCLEAR RADIATION
SPALLATION
THERMAL NEUTRONS
RT ALPHA PARTICLES
BREMSSTRAHLUNG
CERENKOV RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
ELECTRON PUMPING
ELECTRON RADIATION
ELECTRONS
ELEMENTARY PARTICLES
EMISSION SPECTRA
FISSION PRODUCTS
GAMMA RAY ABSORPTION
HEALTH PHYSICS
HIGH ENERGY INTERACTIONS
IONIZING RADIATION
IRRADIATION
NEUTRONS
PARTICLE PRODUCTION
PHOTONS
 ∞ RADIATION
 ∞ RADIATION EFFECTS
RADIATION HAZARDS
RADIOACTIVE CONTAMINANTS
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
RADIOACTIVITY
RADIOBIOLOGY
RADIOCHEMISTRY
VELA SATELLITES

NUCLEAR RADIATION SPECTROSCOPY

GS SPECTROSCOPY
RT MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

NUCLEAR RAMJET ENGINES

GS ENGINES
ROCKET ENGINES
RT NUCLEAR RAMJET ENGINES
 ∞ ROCKETS
SUPERSONIC LOW ALTITUDE MISSILE

NUCLEAR REACTIONS

UF NEUTRON TRANSMUTATION
GS NUCLEAR REACTIONS
ALPHA DECAY
ANNIHILATION REACTIONS
POSITRON ANNIHILATION
ELECTRON SCATTERING
HIGH ENERGY INTERACTIONS
LIGHT-CONE EXPANSION
NUCLEAR FISSION
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
NUCLEAR SCATTERING
NEUTRON SCATTERING
RESONANCE SCATTERING
NUCLEAR TRANSFORMATIONS
PHOTONUCLEAR REACTIONS
PHOTOPRODUCTION
PROTON SCATTERING
PROTON-PROTON REACTIONS
RADIOACTIVE DECAY
NEUTRON EMISSION
SPALLATION
THERMONUCLEAR REACTIONS
NUCLEAR FUSION
CONTROLLED FUSION
RT BRAGG CURVE
COMPTON EFFECT
CRITICAL EXPERIMENTS
CRITICAL MASS
EMISSION
HALF LIFE
INHOUR EQUATION
 ∞ INTERACTIONS
INTERNAL CONVERSION
PAIR PRODUCTION
PARTICLE INTERACTIONS
PARTICLE PRODUCTION
PHOTONEUTRONS
POISONING (REACTION INHIBITION)
POMERONS
RADIATION ABSORPTION

NUCLEAR REACTIONS-(CONT)

RADIOGENIC MATERIALS
 ∞ REACTION
REACTION KINETICS
REACTIVITY
SOLAR NEUTRINOS
SPALLING
SUBCRITICAL MASS
TRANSMUTATION

NUCLEAR REACTOR CONTROL

RT CONFINEMENT
 ∞ CONTROL
CONTROL RODS
 ∞ REACTION CONTROL
REACTOR SAFETY

NUCLEAR REACTORS

GS NUCLEAR REACTORS
ANNULAR CORE PULSE REACTORS
ASTRON THERMONUCLEAR REACTOR
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
LIGHT WATER BREEDER REACTORS
LIQUID METAL FAST BREEDER
REACTORS
ENGINEERING TEST REACTORS
FAST NUCLEAR REACTORS
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
FAST OXIDE REACTORS
FAST TEST REACTORS
GAS COOLED FAST REACTORS
LIQUID METAL FAST BREEDER
REACTORS
FUSION REACTORS
SPHEROMAKS
FUSION-FISSION HYBRID REACTORS
GAS COOLED REACTORS
EXPERIMENTAL GAS COOLED
REACTORS
GAS COOLED FAST REACTORS
HIGH TEMPERATURE NUCLEAR
REACTORS
HIGH TEMPERATURE GAS COOLED
REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
GASEOUS FISSION REACTORS
HANFORD REACTORS
HIGH FLUX ISOTOPE REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
ADVANCED SODIUM COOLED
REACTOR
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
LITHIUM COOLED REACTOR
EXPERIMENT
LOS ALAMOS MOLTEN PLUTONIUM
REACTOR
MILITARY COMPACT REACTORS
SODIUM GRAPHITE REACTORS
SODIUM REACTOR EXPERIMENT
ORGANIC COOLED REACTORS
EXPERIMENTAL ORGANIC COOLED
REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
HALDEN BOILING WATER
REACTOR
LOS ALAMOS WATER BOILER
REACTOR
PATHFINDER NUCLEAR REACTOR
SPERT REACTORS
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS
TEST REACTORS
PLUTONIUM RECYCLE TEST
REACTOR
ZERO POWER REACTOR 2

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NUCLEAR REACTORS-(CONT)

LIGHT WATER REACTORS
NRX REACTORS
PLUM BROOK REACTOR
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL
REACTOR
SWIMMING POOL REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 2
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 9
MOLTEN SALT NUCLEAR REACTORS
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
PATHFINDER NUCLEAR REACTOR
PLUTONIUM RECYCLE TEST
REACTOR
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
ADVANCED TEST REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
EXPERIMENTAL GAS COOLED
REACTORS
EXPERIMENTAL ORGANIC COOLED
REACTORS
HEALTH PHYSICS RESEARCH
REACTOR
HEAVY WATER COMPONENTS TEST
REACTORS
HERO REACTOR
HIGH TEMPERATURE NUCLEAR
REACTORS
JANUS REACTOR
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
LIVERMORE POOL TYPE REACTOR
LOS ALAMOS MOLTEN PLUTONIUM
REACTOR
MILITARY COMPACT REACTORS
NRX REACTORS
PLUM BROOK REACTOR
PLUTONIUM RECYCLE TEST
REACTOR
SODIUM REACTOR EXPERIMENT
SPERT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
TOWER SHIELDING REACTOR 2
ZERO POWER REACTOR 2
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 9
ORGANIC MODERATED REACTORS
EXPERIMENTAL ORGANIC COOLED
REACTORS
PEBBLE BED REACTORS
PHOEBUS NUCLEAR REACTOR
PLASMA CORE REACTORS
PLUTO REACTORS
THERMAL REACTORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
WATER MODERATED REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
HEAVY WATER COMPONENTS TEST
REACTORS
PLUTONIUM RECYCLE TEST
REACTOR
RT CLOSED CYCLES
CONTROL RODS
COOLANTS
FISSILE FUELS

NUCLEAR REACTORS-(CONT)

HIGH FLUX BEAM REACTORS
 IN-HOUR EQUATION
 LOSS OF COOLANT
 MODERATORS
 ∞ NUCLEAR ENERGY
 ∞ PILES
 RADIATION SHIELDING
 REACTOR CORES
 REACTOR DESIGN
 REACTOR MATERIALS
 REACTOR PHYSICS
 REACTOR SAFETY
 REACTOR STARTUP TESTS
 REACTOR TECHNOLOGY
 ∞ REACTORS
 ROVER PROJECT
 STELLARATORS
 THERMAL NEUTRONS
 THERMAL POLLUTION

NUCLEAR RELAXATION

RT RELAXATION (MECHANICS)

NUCLEAR RESEARCH

GS RESEARCH
 RT NUCLEAR RESEARCH
 HIGH ENERGY INTERACTIONS
 LABORATORIES
 ∞ NUCLEAR ENERGY
 PLASMA CORE REACTORS
 RADIOCHEMISTRY

NUCLEAR RESEARCH AND TEST REACTORS

UF MATERIALS TESTING REACTORS
 NUCLEAR TEST REACTORS
 PHYSICAL CONSTANTS TESTING
 REACTOR
 GS NUCLEAR REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 ADVANCED TEST REACTORS
 EXPERIMENTAL BOILING WATER
 REACTORS
 EXPERIMENTAL BREEDER REACTOR
 1
 EXPERIMENTAL BREEDER REACTOR
 2
 EXPERIMENTAL GAS COOLED
 REACTORS
 EXPERIMENTAL ORGANIC COOLED
 REACTORS
 HEALTH PHYSICS RESEARCH
 REACTOR
 HEAVY WATER COMPONENTS TEST
 REACTORS
 HERO REACTOR
 HIGH TEMPERATURE NUCLEAR
 REACTORS
 JANUS REACTOR
 KIWI REACTORS
 KIWI 8 REACTORS
 KIWI B-1 REACTOR
 KIWI B-4 REACTOR
 LIVERMORE POOL TYPE REACTOR
 LOS ALAMOS MOLTEN PLUTONIUM
 REACTOR
 MILITARY COMPACT REACTORS
 NRX REACTORS
 PLUM BROOK REACTOR
 PLUTONIUM RECYCLE TEST
 REACTOR
 SODIUM REACTOR EXPERIMENT
 SPERT REACTORS
 TORY 2 REACTOR
 TORY 2-A REACTOR
 TORY 2-C REACTOR
 TOWER SHIELDING REACTOR 2
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 9
 RT BOILING WATER REACTORS
 NEUTRON SOURCES
 REACTOR DESIGN
 REACTOR TECHNOLOGY
 ∞ REACTORS
 TRANSIENT REACTOR TEST FACILITY

NUCLEAR ROCKET ENGINES

UF THERMIONIC REACTORS
 GS ENGINES
 ROCKET ENGINES
 NUCLEAR ROCKET ENGINES
 NUCLEAR LIGHTBULB ENGINES

NUCLEAR ROCKET ENGINES-(CONT)

RT BOOSTER ROCKET ENGINES
 ION ENGINES
 MERCURY ION ENGINES
 PHOEBUS NUCLEAR REACTOR
 PLUTO REACTORS
 RESTARTABLE ROCKET ENGINES
 ∞ ROCKETS
 SUSTAINER ROCKET ENGINES

NUCLEAR SCATTERING

SN (SCATTERING CAUSED BY NUCLEUS
 AND NOT BY ORBITAL ELECTRONS)
 GS NUCLEAR REACTIONS
 NUCLEAR SCATTERING
 NEUTRON SCATTERING
 RESONANCE SCATTERING
 SCATTERING
 NUCLEAR SCATTERING
 NEUTRON SCATTERING
 RESONANCE SCATTERING
 RT ANGULAR DISTRIBUTION
 BACKSCATTERING
 COHERENT SCATTERING
 ELASTIC SCATTERING
 ELECTRON SCATTERING
 FORWARD SCATTERING
 INCOHERENT SCATTERING
 INELASTIC SCATTERING
 MANDELSTAM REPRESENTATION

NUCLEAR SHIELDING

USE RADIATION SHIELDING

NUCLEAR SPIN

GS SPIN
 PARTICLE SPIN
 NUCLEAR SPIN
 RT ELECTRON SPIN
 ENERGY LEVELS
 KONDO EFFECT
 MAGNETIC RESONANCE
 OVERHAUSER EFFECT
 QUANTUM NUMBERS
 QUANTUM THEORY

NUCLEAR STRUCTURE

RT ENERGY LEVELS
 EVEN-EVEN NUCLEI
 ODD-ODD NUCLEI

NUCLEAR TEST REACTORS

USE NUCLEAR RESEARCH AND TEST
 REACTORS

NUCLEAR TRANSFORMATIONS

GS NUCLEAR REACTIONS
 NUCLEAR TRANSFORMATIONS

NUCLEAR VULNERABILITY

GS VULNERABILITY
 NUCLEAR VULNERABILITY
 RT PENETRATION
 RADIATION EFFECTS
 THERMONUCLEAR EXPLOSIONS

NUCLEAR WARFARE

GS WARFARE
 NUCLEAR WARFARE
 RT CIVIL DEFENSE
 HARDENING (SYSTEMS)
 ∞ NUCLEAR ENERGY

NUCLEAR WARHEADS

GS WEAPONS
 WARHEADS
 NUCLEAR WARHEADS

NUCLEAR WASTES

USE RADIOACTIVE WASTES

NUCLEAR WEAPONS

GS WEAPONS
 NUCLEAR WEAPONS
 FISSION WEAPONS
 RT BOMBS (ORDNANCE)
 EXPLOSIVES
 MISSILES
 ∞ NUCLEAR ENERGY
 PROJECTILES
 ∞ ROCKETS
 SPACE WEAPONS
 TORPEDOES
 WARHEADS

NUCLEAR WEAPONS-(CONT)

WEAPON SYSTEMS
 WEAPONS DELIVERY

NUCLEASE

GS ALIPHATIC COMPOUNDS
 NUCLEASE
 ENZYMES
 NUCLEASE
 ORGANIC COMPOUNDS
 NUCLEASE
 PROTEINS
 NUCLEASE

NUCLEATE BOILING

GS PHASE TRANSFORMATIONS
 VAPORIZING
 BOILING
 NUCLEATE BOILING
 LEIDENFROST PHENOMENON
 RT FILM BOILING
 HEAT TRANSFER
 HEAT TRANSFER COEFFICIENTS
 NUCLEATION

NUCLEATION

GS NUCLEATION
 CLOUD SEEDING
 RT ACCUMULATIONS
 AITKEN NUCLEI
 CONDENSATION NUCLEI
 CONDENSING
 CRYSTAL GROWTH
 CRYSTALLIZATION
 DROP SIZE
 ∞ FORMATION
 HEAT TREATMENT
 ICE NUCLEI
 INITIATION
 INOCULATION
 JET CONDENSERS
 NUCLEATE BOILING
 ∞ NUCLEI
 RECRYSTALLIZATION
 SUPERCOOLING
 ∞ NUCLEI
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AITKEN NUCLEI
 CELLS (BIOLOGY)
 CHARGED PARTICLES
 CHROMOSOMES
 CONDENSATION NUCLEI
 ICE NUCLEI
 NUCLEATION
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEOGENESIS
 ODD-ODD NUCLEI

NUCLEI (NUCLEAR PHYSICS)

GS GASES
 IONIZED GASES
 CHARGED PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 EVEN-EVEN NUCLEI
 HEAVY NUCLEI
 HYPERNUCLEI
 ODD-EVEN NUCLEI
 ODD-ODD NUCLEI
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 RT ATOMS
 CORPUSCULAR RADIATION
 COSMIC RAYS
 ELEMENTARY PARTICLES
 IONS
 ISOTOPES
 NEUTRONS
 NUCLEAR ISOBARS
 ∞ NUCLEI
 NUCLEONS
 ∞ PHYSICS
 PROTONS

NUCLEIC ACIDS

GS ACIDS
 NUCLEIC ACIDS
 DEOXYRIBONUCLEIC ACID
 GUANOSINES
 RIBONUCLEIC ACIDS
 URIDYLIC ACID

NUCLOGENESIS

NUCLOGENESIS

RT GENETICS
MUTATIONS
∞ NUCLEI

NUCLEON POTENTIAL

RT NEUTRONS
NUCLEAR PARTICLES
NUCLEAR POTENTIAL
∞ POTENTIAL
PROTONS
∞ RADIATION

NUCLEON-NUCLEON INTERACTIONS

GS PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
RT NUCLEON-NUCLEON INTERACTIONS
CHARGED PARTICLES
∞ INTERACTIONS

NUCLEON-NUCLEON SCATTERING

GS SCATTERING
RT NUCLEON-NUCLEON SCATTERING
NUCLEAR PARTICLES
PARTICLE COLLISIONS
POMERANCHUK THEOREM

NUCLEONICS

RT ∞ ELECTRONICS
∞ NUCLEAR ENERGY
NUCLEAR PHYSICS
TECHNOLOGIES

NUCLEONS

GS PARTICLES
ELEMENTARY PARTICLES
NUCLEONS
NUCLEAR PARTICLES
RT NUCLEONS
ALPHA PARTICLES
ANTINUCLEONS
BARYONS
CHARGED PARTICLES
FAST NEUTRONS
HYPERONS
NEUTRONS
NUCLEI (NUCLEAR PHYSICS)
PROTONS
VECTOR DOMINANCE MODEL

NUCLEOPHILES

GS ELECTRON ATTACHMENT
NUCLEOPHILES

NUCLEOSIDES

GS ALIPHATIC COMPOUNDS
NUCLEOSIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CARBOHYDRATES
NUCLEOSIDES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
RT GLUCOSIDES
RIBOSE
THYMIDINE

NUCLEOSYNTHESIS

USE NUCLEAR FUSION

NUCLEOTIDES

GS ORGANIC COMPOUNDS
NUCLEOTIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
POLYNUCLEOTIDES
PYRIDINE NUCLEOTIDES
URIDYLIC ACID
PROTEINS
NUCLEOTIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
POLYNUCLEOTIDES
PYRIDINE NUCLEOTIDES

NUCLEOTIDES-(CONT)

URIDYLIC ACID

NUCLIDES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
ALUMINUM ISOTOPES
ALUMINUM 26
ALUMINUM 27
ANTIMONY ISOTOPES
ARGON ISOTOPES
BARIUM ISOTOPES
BERYLLIUM ISOTOPES
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BERYLLIUM 9
BERYLLIUM 10
BISMUTH ISOTOPES
BORON ISOTOPES
BORON 10
BROMINE ISOTOPES
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CARBON 13
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CESIUM ISOTOPES
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CESIUM 144
CESIUM ISOTOPES
CESIUM 133
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CESIUM 137
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CESIUM VAPOR
CHROMIUM ISOTOPES
COBALT ISOTOPES
COBALT 58
COBALT 60
DYSPROSIUM ISOTOPES
ERBIUM ISOTOPES
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GADOLINIUM ISOTOPES
GALLIUM ISOTOPES
GERMANIUM ISOTOPES
HAFNIUM ISOTOPES
HELIUM ISOTOPES
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HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
IODINE ISOTOPES
IODINE 125
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IODINE 132
IRIDIUM ISOTOPES
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IRON 57
IRON 58
IRON 59
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LUTETIUM ISOTOPES
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NEON ISOTOPES
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POLONIUM 210
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POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
PRASEODYMIUM ISOTOPES
PROMETHIUM ISOTOPES
PROTACTINIUM ISOTOPES

NUCLIDES-(CONT)

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ARSENIC ISOTOPES
ASTATINE ISOTOPES
BERYLLIUM 7
BERYLLIUM 9
BERYLLIUM 10
CARBON 14
CERIUM 137
CERIUM 144
CESIUM 134
CESIUM 137
CESIUM 144
COBALT 58
COBALT 60
GOLD ISOTOPES
GOLD 198
INDIUM ISOTOPES
IODINE 125
IODINE 131
IODINE 132
IRON 59
KRYPTON 85
NIOBIUM 95
NITROGEN 16
PHOSPHORUS 32
POLONIUM 208
POLONIUM 209
POLONIUM 210
POTASSIUM 38
POTASSIUM 40
RUBIDIUM 86
SODIUM 22
SODIUM 24
STRONTIUM 85
STRONTIUM 88
STRONTIUM 89
STRONTIUM 90
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
SERGENIUM
TRITIUM
URANIUM 232
URANIUM 233
URANIUM 238
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XENON 135
ZIRCONIUM 95
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RADON ISOTOPES
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SODIUM ISOTOPES
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STRONTIUM 90
TANTALUM ISOTOPES
TELLURIUM
TELLURIUM ISOTOPES
TERBIUM ISOTOPES
THORIUM ISOTOPES
THULIUM ISOTOPES
TIN ISOTOPES
TITANIUM ISOTOPES
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
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XENON ISOTOPES

NASA THESAURUS (VOLUME 1)

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XENON 133
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ZINC ISOTOPES
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ZIRCONIUM 95
RT ISOTOPIC ENRICHMENT
NUCLEAR ISOBARS
PARTICLE MASS

NULL HYPOTHESIS

GS HYPOTHESES
RT NULL HYPOTHESIS
CONFIDENCE LIMITS
DEGREES OF FREEDOM
SIGNIFICANCE
STATISTICAL TESTS

NULL ZONES

GS REGIONS
RT NULL ZONES
DIFFRACTION PATTERNS
FIELD THEORY (PHYSICS)
∞ FORCE
INTERFEROMETRY
RADIATION DISTRIBUTION
VERY LONG BASE INTERFEROMETRY

NUMBER THEORY

GS NUMBER THEORY
ADDITION THEOREM
ARITHMETIC
DOUBLE PRECISION ARITHMETIC
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
CONGRUENCES
DIOPHANTINE EQUATION
DIVIDING (MATHEMATICS)
EXPONENTS
INDUCTION (MATHEMATICS)
INTEGERS
MULTIPLICATION
SUBTRACTION
RT ADDITION
COMBINATORIAL ANALYSIS
DECIMALS
DIGITS
∞ DIVISION
ENUMERATION
FIBONACCI NUMBERS
FUNCTIONS (MATHEMATICS)
∞ INDUCTION
INFINITY
∞ MATHEMATICS
∞ NUMBERS
QUATERNIONS
SUBGROUPS
∞ THEORIES
UNIQUENESS THEOREM

∞ NUMBERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ALPHANUMERIC CHARACTERS
BIOT NUMBER
COMPLEX NUMBERS
COUNTING
DAMKOHLE NUMBER
DECIMALS
DIGITS
DIMENSIONLESS NUMBERS
DOUBLE PRECISION ARITHMETIC
FIBONACCI NUMBERS
INTEGERS
NUMBER THEORY
QUANTUM NUMBERS
RANDOM NUMBERS
REAL NUMBERS

NUMERICAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
BORN APPROXIMATION
BORN-OPPENHEIMER
APPROXIMATION
CHEBYSHEV APPROXIMATION
EDDINGTON APPROXIMATION
FINITE DIFFERENCE THEORY
FINITE ELEMENT METHOD
HARTREE APPROXIMATION
LEAST SQUARES METHOD

NUMERICAL ANALYSIS-(CONT)

MEAN SQUARE VALUES
MILNE METHOD
NEWTON-RAPHSON METHOD
NUMERICAL DIFFERENTIATION
OSEEN APPROXIMATION
PADE APPROXIMATION
PARTICLE IN CELL TECHNIQUE
POHLHAUSEN METHOD
RAYLEIGH-RITZ METHOD
RELAXATION METHOD
(MATHEMATICS)
RITZ AVERAGING METHOD
SOMMERFELD APPROXIMATION
COMPUTATIONAL CHEMISTRY
COMPUTATIONAL FLUID DYNAMICS
DIFFERENCE EQUATIONS
ERROR ANALYSIS
GRAEFF CALCULUS
INTERPOLATION
ITERATION
CONJUGATE GRADIENT METHOD
MONTE CARLO METHOD
NOMOGRAPHS
NUMERICAL INTEGRATION
RUNGE KUTTA METHOD
RT ADJOINTS
ALGORITHMS
∞ ANALYZING
∞ APPLICATIONS OF MATHEMATICS
ASYMPTOTES
COMPUTATIONAL GRIDS
COMPUTER PROGRAMMING
CRANK-NICHOLSON METHOD
DIFFERENTIAL EQUATIONS
ISOPARAMETRIC FINITE ELEMENTS
LINEAR PROGRAMMING
MATHEMATICAL TABLES
∞ MATHEMATICS
METHOD OF MOMENTS
SIGNIFICANCE
SPATIAL MARCHING
TIME MARCHING
TRAJECTORY ANALYSIS

NUMERICAL CONTROL

UF COMPUTERIZED CONTROL
GS AUTOMATIC CONTROL
NUMERICAL CONTROL
RT ∞ AUTOMATION
COMPUTER PROGRAMS
∞ CONTROL
CONTROL SYSTEMS DESIGN
DIGITAL COMMAND SYSTEMS
DIGITAL TECHNIQUES
ELECTRIC CONTROL
INTERACTIVE CONTROL
MACHINE TOOLS
PRODUCTION ENGINEERING
SEQUENTIAL CONTROL
STANDARDIZATION

NUMERICAL DATA BASES

GS INFORMATION SYSTEMS
NUMERICAL DATA BASES
RT INFORMATION RETRIEVAL
ON-LINE SYSTEMS

NUMERICAL DIFFERENTIATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
NUMERICAL DIFFERENTIATION
REAL VARIABLES
RT NUMERICAL DIFFERENTIATION
ALGORITHMS
COMPUTER TECHNIQUES
DIFFERENTIAL CALCULUS
DIFFERENTIAL EQUATIONS
ESTIMATING
FUNCTIONS (MATHEMATICS)
∞ THEORIES

NUMERICAL FLOW VISUALIZATION

GS FLOW VISUALIZATION
NUMERICAL FLOW VISUALIZATION
RT FLOW DISTRIBUTION
HYDRAULIC ANALOGIES

NUMERICAL INTEGRATION

UF COWELL METHOD
GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD

NUMERICAL INTEGRATION-(CONT)

REAL VARIABLES
MEASURE AND INTEGRATION
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
RT DIFFERENTIAL EQUATIONS
DIGITAL INTEGRATORS
INTEGRAL CALCULUS

NUMERICAL STABILITY

RT APPROXIMATION
BACKWARD DIFFERENCING
DIFFERENCE EQUATIONS
DIFFERENTIAL EQUATIONS
STRANGE ATTRACTORS

NUMERICAL WEATHER FORECASTING

GS FORECASTING
WEATHER FORECASTING
NUMERICAL WEATHER
FORECASTING
METEOROLOGY
WEATHER FORECASTING
NUMERICAL WEATHER
FORECASTING
RT ATMOSPHERIC MODELS
COMPUTERIZED SIMULATION
LONG RANGE WEATHER FORECASTING
MATHEMATICAL MODELS
STATISTICAL WEATHER FORECASTING

NUNATAKS

GS LANDFORMS
ISLANDS
RT NUNATAKS
ARCTIC REGIONS
ROCKS
SEA ICE

NUSSELT NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
NUSSELT NUMBER
RT CONVECTIVE HEAT TRANSFER
HEAT TRANSFER
PRANDTL NUMBER
SCHMIDT NUMBER

NUTATION

UF NUTATIONAL OSCILLATION
RT ACTUATION
DISPLACEMENT
∞ DYNAMICS
KINEMATICS
LIBRATION
∞ MOTION
PERTURBATION
POLAR WANDERING (GEOLOGY)
PRECESSION
ROTATION
VIBRATION

NUTATION DAMPERS

RT CONTROL MOMENT GYROSCOPES
∞ DAMPERS
OSCILLATION DAMPERS
SPACECRAFT STABILITY

NUTATIONAL OSCILLATION

USE NUTATION

∞ NUTRIENTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AQUICULTURE
CALORIC REQUIREMENTS
CARBOHYDRATES
EUTROPHICATION
FATS
FATTY ACIDS
FISHES
LIFE SUPPORT SYSTEMS
LIPID METABOLISM
LIPIDS
MINERALS
NUTRITION
NUTRITIONAL REQUIREMENTS
PROTEINS
TRACE ELEMENTS
VITAMINS

NUTRITION

RT BIOCHEMISTRY

NUTRITIONAL REQUIREMENTS

NUTRITION-(CONT)

BROTHS
CALORIC REQUIREMENTS
DIETS
∞ FOOD
METABOLISM
NITROGEN METABOLISM
∞ NUTRIENTS
NUTRITIONAL REQUIREMENTS
PHYSIOLOGY
SPACE FLIGHT FEEDING

NUTRITIONAL REQUIREMENTS

GS NUTRITIONAL REQUIREMENTS
CALORIC REQUIREMENTS
RT ATROPHY
∞ NUTRIENTS
NUTRITION
SPACE FLIGHT FEEDING
SYNTHETIC FOOD

NUTS (FASTENERS)

GS FASTENERS
NUTS (FASTENERS)
RT ANCHORS (FASTENERS)
BOLTS
HOLDERS
SCREWS
THREADS

NUTS (FRUITS)

RT ANGIOSPERMS
ORCHARDS
SEEDS

NYLON (TRADEMARK)

GS FIBERS
SYNTHETIC FIBERS
NYLON (TRADEMARK)
RT POLYMERIC FILMS
∞ POLYMERS

NYLON RESINS

USE POLYAMIDE RESINS

NYQUIST DIAGRAM

GS DIAGRAMS
NYQUIST DIAGRAM
RT CONTROL STABILITY
TRANSFER FUNCTIONS

NYQUIST FREQUENCIES

GS FREQUENCIES
NYQUIST FREQUENCIES
RT LINEAR RECEIVERS

NYSTAGMUS

GS EYE MOVEMENTS
NYSTAGMUS
RT ELECTRONYSTAGMOGRAPHY

O

O RING SEALS

GS SEALS (STOPPERS)
O RING SEALS
RT GASKETS
GLANDS (SEALS)
HERMETIC SEALS
LABYRINTH SEALS
∞ RINGS

O STARS

GS CELESTIAL BODIES
STARS
HOT STARS
O STARS
RT BLUE STARS
WOLF-RAYET STARS

OAK RIDGE ISOCHRONOUS CYCLOTRON

UF ORIC CYCLOTRON
GS PARTICLE ACCELERATORS
CYCLOTRONS
OAK RIDGE ISOCHRONOUS
CYCLOTRON

OA0

UF ORBITING ASTRONOMICAL
OBSERVATORY
S-18 SATELLITE

OA0-(CONT)

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OA0
OA0 1
OA0 2
OA0 3
RT AGENA B ROCKET VEHICLE
ATLAS LAUNCH VEHICLES
HEAO
HEAO 1
HEAO 2
HEAO 3
MANNED ORBITAL TELESCOPES

OA0 1

UF OA0-A
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OA0
OA0 1
RT ATLAS CENTAUR LAUNCH VEHICLE

OA0 2

UF OA0-A2
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OA0
OA0 2
RT ATLAS CENTAUR LAUNCH VEHICLE

OA0 3

UF COPERNICUS SPACECRAFT
OA0-C
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OA0
OA0 3
RT ATLAS CENTAUR LAUNCH VEHICLE

OA0-A

USE OA0 1

OA0-A2

USE OA0 2

OA0-C

USE OA0 3

OASES

RT AQUIFERS
ARID LANDS
DESERTIFICATION
DESERTS
POTABLE WATER
SPRINGS (WATER)
VEGETATION
WELLS

OATS

GS FARM CROPS
GRAINS (FOOD)
OATS
PLANTS (BOTANY)
OATS
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
CURING
EARTH RESOURCES
∞ FOOD
GRASSES
IRRIGATION
SEEDS

OBESITY

RT BODY FLUIDS
BODY MEASUREMENT (BIOLOGY)
BODY SIZE (BIOLOGY)
BODY VOLUME (BIOLOGY)
BODY WEIGHT
METABOLISM

OBJECT PROGRAMS

GS COMPUTER PROGRAMS
OBJECT PROGRAMS

OBLATE SPHEROIDS

GS GEOMETRY

NASA THESAURUS (VOLUME 1)

OBLATE SPHEROIDS-(CONT)

EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
SPHEROIDS
OBLATE SPHEROIDS
RT ELLIPTICITY
FINENESS RATIO
FLATTENING
GEODESY
GEOIDS
PROLATE SPHEROIDS
SHAPES
SOLAR OBLATENESS

OBLIQUE COORDINATES

GS COORDINATES
OBLIQUE COORDINATES
RT CARTESIAN COORDINATES

OBLIQUE SHOCK WAVES

GS ELASTIC WAVES
SHOCK WAVES
OBLIQUE SHOCK WAVES
RT MAGNETOHYDRODYNAMIC WAVES
NORMAL SHOCK WAVES
SHOCK LAYERS
SUPERSONIC COMPRESSORS

OBLIQUE WINGS

GS AIRFOILS
WINGS
OBLIQUE WINGS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
DRONE AIRCRAFT
PILOTLESS AIRCRAFT
REMOTELY PILOTED VEHICLES
WING PLANFORMS

OBLIQUENESS

RT ANGLES (GEOMETRY)
INCIDENT RADIATION

OBSCURATION

USE OCCULTATION

OBSERVABILITY (SYSTEMS)

RT BOUNDARY VALUE PROBLEMS
CONTROL THEORY
DEPENDENT VARIABLES
FEEDBACK CONTROL
INDEPENDENT VARIABLES
OBSERVATION
PARAMETER IDENTIFICATION
STATE VECTORS
SYSTEM IDENTIFICATION
∞ SYSTEMS
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING

OBSERVATION

GS OBSERVATION
EARTH OBSERVATIONS (FROM SPACE)
SATELLITE OBSERVATION
SPOT (FRENCH SATELLITE)
SPACE OBSERVATIONS (FROM EARTH)
VISUAL OBSERVATION
RT COUNTING
DATA ACQUISITION
DETECTION
EVALUATION
EXAMINATION
FOREST FIRE DETECTION
OBSERVABILITY (SYSTEMS)
∞ PERFORMANCE
RADIO OBSERVATION
RECONNAISSANCE

OBSERVATION AIRCRAFT

GS OBSERVATION AIRCRAFT
A-2 AIRCRAFT
BREGUET 1150 AIRCRAFT
CESSNA L-19 AIRCRAFT
CL-84 AIRCRAFT
E-2 AIRCRAFT
F-5 AIRCRAFT
G-91 AIRCRAFT
G-95/4 AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OV-1 AIRCRAFT

NASA THESAURUS (VOLUME 1)

OCEAN SURFACE

OBSERVATION AIRCRAFT-(CONT)

OV-10 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
RB-50 AIRCRAFT
RF-4 AIRCRAFT
TSR-2 AIRCRAFT
U-2 AIRCRAFT
RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ARC CLOUDS
BALLOONS
FLYING PLATFORMS
GLIDERS
HS-801 AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
UTILITY AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

OBSERVATORIES

GS OBSERVATORIES
AOSO
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS
SATELLITE
HEAO
HEAO 1
HEAO 2
HEAO 3
HUBBLE SPACE TELESCOPE
INFRARED ASTRONOMY SATELLITE
IUE
MAGELLAN MISSION
OAO
OAO 1
OAO 2
OAO 3
OSO
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
QUASAT
SAS
SAS-1
SAS-2
SAS-3
SPACE INFRARED TELESCOPE
FACILITY
SPARTAN SATELLITES
GAMMA RAY OBSERVATORY
ROSAT MISSION
GEOPHYSICAL OBSERVATORIES
OGO
EGO
OGO-A
OGO-3
OGO-5
POGO
OGO-C
OGO-4
OGO-6
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
JODRELL BANK OBSERVATORY
LUNAR OBSERVATORIES
SOLAR OBSERVATORIES
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
RT ARTIFICIAL SATELLITES

OBSIDIAN

GS ROCKS
IGNEOUS ROCKS
OBSIDIAN
MOLDAVITE
RT GLASS
MINERALS
POWDER (PARTICLES)
PUMICE
SILICON DIOXIDE
SOILS

OBSIDIAN GLASS

GS GLASS
OBSIDIAN GLASS

OBSTACLE AVOIDANCE

RT AIRCRAFT MANEUVERS
EVASIVE ACTIONS
TACTICS
VULNERABILITY

OBSTACLES

USE BARRIERS

OBSTRUCTING

USE BLOCKING

OCCIPITAL LOBES

GS ANATOMY
HEAD (ANATOMY)
OCCIPITAL LOBES

OCCUSION

RT DEGASSING
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
SOLIDIFICATION

OCCULTATION

UF OBSCURATION
GS OCCULTATION
LUNAR OCCULTATION
SOLAR ECLIPSES
RADIO OCCULTATION
STELLAR OCCULTATION
RT ∞ CONJUNCTION
ECLIPSES
EXTINGUISHING
∞ TRANSIT

OCCUPATION

RT INDUSTRIAL SAFETY
PERSONNEL
WORK

OCCURRENCES

RT EVENTS

OCEAN BOTTOM

RT BEDS (GEOLOGY)
CONTINENTAL SHELVES
CORE SAMPLING
CRATONS
GEOLOGY
MARINE CHEMISTRY
MUD
OCEANOGRAPHY
SEAMOUNTS
SEDIMENTS
SLUDGE
UNDERWATER RESOURCES

OCEAN COLOR SCANNER

RT CHLOROPHYLLS
COASTAL WATER
COLORIMETRY
MULTISPECTRAL BAND SCANNERS
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
PHOTOMAPPING
REMOTE SENSORS
WATER COLOR

OCEAN CURRENTS

GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
COASTAL CURRENTS
EL NINO
GULF STREAM
LOMONOSOV CURRENT

OCEAN CURRENTS-(CONT)

RT CORE SAMPLING
∞ CURRENTS
FLUID FLOW
FRONTAL WAVES
GYRES
HYDROGRAPHY
LITTORAL DRIFT
LITTORAL TRANSPORT
OCEAN DYNAMICS
OCEANOGRAPHY
OCEANS
PRESSURE ICE
SALINITY
SPITSBERGEN (NORWAY)
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TOPEX
UPWELLING WATER
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN DATA ACQUISITIONS SYSTEMS

UF OCEAN DATA PLATFORMS
OCEAN DATA STATIONS
ODAS
RT AUTOMATIC WEATHER STATIONS
BUOYS
∞ DATA
DATA ACQUISITION
GROUND STATIONS
INSTRUMENT PACKAGES
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEANOGRAPHIC PARAMETERS
SHIPS
TRANSOCEANIC SYSTEMS
UNDERWATER RESEARCH
LABORATORIES
WEATHER STATIONS

OCEAN DATA PLATFORMS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DATA STATIONS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DYNAMICS

RT AIR WATER INTERACTIONS
DYNAMIC CHARACTERISTICS
∞ DYNAMICS
FLUID DYNAMICS
HYDRODYNAMICS
OCEAN CURRENTS
OCEAN MODELS
OCEAN SURFACE
OCEANOGRAPHY
WATER WAVES

OCEAN MODELS

GS MODELS
OCEAN MODELS
RT AIR WATER INTERACTIONS
ATMOSPHERIC MODELS
DYNAMIC MODELS
MARINE ENVIRONMENTS
MATHEMATICAL MODELS
OCEAN DYNAMICS
OCEANOGRAPHY
SARGASSO SEA
SEA ROUGHNESS
SEA STATES

OCEAN SURFACE

RT EARTH SURFACE
FLUID FLOW
HYDROGRAPHY
OCEAN DYNAMICS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
SARGASSO SEA
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA SURFACE TEMPERATURE
SEA TRUTH
SEA WATER
STORM SURGES
∞ SURFACES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES

OCEAN TEMPERATURE

OCEAN SURFACE-(CONT)

TIDEPOWER
TIDES
TOPEX
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN TEMPERATURE

GS OCEANOGRAPHIC PARAMETERS
OCEAN TEMPERATURE
TEMPERATURE
WATER TEMPERATURE
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE

RT EL NINO
OCEANOGRAPHY
OCEANS
OFFSHORE ENERGY SOURCES
SEA STATES
SEA TRUTH
SEA WATER
SEAS
SOLAR SEA POWER PLANTS
SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL POLLUTION

OCEAN THERMAL ENERGY CONVERSION

GS ENERGY CONVERSION
OCEAN THERMAL ENERGY
CONVERSION
RT ∞ CONVERSION
 ∞ ENERGY SOURCES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL TECHNOLOGY
SOLAR SEA POWER PLANTS
TEMPERATURE

OCEANOGRAPHIC PARAMETERS

GS OCEANOGRAPHIC PARAMETERS
OCEAN TEMPERATURE
RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEAN DATA ACQUISITIONS SYSTEMS
OCEAN SURFACE
SALINITY
SEA STATES

OCEANOGRAPHY

RT ARTIFICIAL HARBORS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
BATHYMETERS
BAY ICE
BREAKWATERS
COASTAL CURRENTS
CORE SAMPLING
DEEP SCATTERING LAYERS
DEEPWATER TERMINALS
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH PLANETARY STRUCTURE
EARTH RESOURCES
ENVIRONMENTAL MONITORING
EROS (SATELLITES)
ESTUARIES
FIORDS
FRONTAL WAVES
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHY
GEOLOGY
GEOPHYSICS
GYRES
HARBORS
HYDROCLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
ICE FLOES
ICE MAPPING
ISTHMUSES
LANDSAT SATELLITES
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE METEOROLOGY
MARINE RESOURCES
MARINE TECHNOLOGY
MARSHLANDS
METEOROLOGY
OCEAN BOTTOM
OCEAN COLOR SCANNER

OCEANOGRAPHY-(CONT)

OCEAN CURRENTS
OCEAN DYNAMICS
OCEAN MODELS
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
OIL SLICKS
PELAGIC ZONE
 ∞ PHYSICAL SCIENCES
RED TIDE
REEFS
SARGASSO SEA
 ∞ SCIENCE
SEA GRASSES
SEA ICE
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA SURFACE TEMPERATURE
SEA WATER
SEAS
SEASAT PROGRAM
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SEAWEEDES
SHALLOW WATER
SHIPYARDS
SHOALS
SHORELINES
STORM SURGES
TANKER TERMINALS
THERMOCLINES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDEPOWER
TIDES
TOPEX
TOPOGRAPHY
UNDERWATER RESEARCH
LABORATORIES
UNDERWATER RESOURCES
WATER CIRCULATION
WATER CURRENTS
WATERFOWL
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WETLANDS

OCEANS

GS OCEANS
ARCTIC OCEAN
ATLANTIC OCEAN
INDIAN OCEAN
PACIFIC OCEAN
RT COASTAL CURRENTS
COASTAL WATER
COASTS
EARTH HYDROSPHERE
GEOGRAPHY
KEYS (ISLANDS)
MARINE RESOURCES
NEARSHORE WATER
OCEAN CURRENTS
OCEAN TEMPERATURE
OCEANOGRAPHY
SEAS
SEAWEEDES
SHALLOW WATER
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
THERMAL POLLUTION
TIDAL FLATS
TIDE POWERED GENERATORS
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAVE ENERGY CONVERSION

OCTAHEDRAL RESEARCH SATELLITES

USE ENVIRONMENTAL RESEARCH
SATELLITES

OCTAHEDRITE

USE ANATASE

OCTAHEDRONS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
OCTAHEDRONS

NASA THESAURUS (VOLUME 1)

∞ OCTANE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANTIKNOCK ADDITIVES
OCTANES

OCTANE NUMBER

RT GASOLINE

OCTANES

SN (ACYCLIC HYDROCARBONS)
GS ALIPHATIC COMPOUNDS
ALKANES
OCTANES
HYDROCARBONS
ALKANES
OCTANES
RT ANTIKNOCK ADDITIVES
 ∞ OCTANE

OCTAVES

GS RANGE (EXTREMES)
FREQUENCY RANGES
OCTAVES
RT ACOUSTICS
MUSIC

OCTETS

GS VALENCE
OCTETS
RT ATOMIC STRUCTURE
CHEMICAL BONDS

OCTOATES

GS ALIPHATIC COMPOUNDS
OCTOATES
ESTERS
OCTOATES

OCTOL (EXPLOSIVE)

GS EXPLOSIVES
OCTOL (EXPLOSIVE)

OCTOPUSES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
CEPHALOPODS
OCTOPUSES

OCULAR CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
OCULAR CIRCULATION

OCULOGRAPHIC ILLUSIONS

GS PSYCHOLOGICAL EFFECTS
ILLUSIONS
OCULOGRAPHIC ILLUSIONS
RT GRAVIRECEPTORS
OTOLITH ORGANS
VERTICAL PERCEPTION

OCULOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
OCULOMETERS
RT EYE MOVEMENTS
 ∞ INSTRUMENTS
OPTICAL TRACKING

OCULOMOTOR NERVES

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
OCULOMOTOR NERVES
RT VISION

ODAS

USE OCEAN DATA ACQUISITIONS SYSTEMS

ODD-EVEN NUCLEI

GS GASES
IONIZED GASES
CHARGED PARTICLES
NUCLEI (NUCLEAR PHYSICS)
ODD-EVEN NUCLEI
RT EVEN-EVEN NUCLEI
ODD-ODD NUCLEI

ODD-ODD NUCLEI

GS GASES
IONIZED GASES

ODD-ODD NUCLEI-(CONT)CHARGED PARTICLES
NUCLEI (NUCLEAR PHYSICS)**ODD-ODD NUCLEI**RT EVEN-EVEN NUCLEI
NUCLEAR STRUCTURE
∞ NUCLEI
ODD-EVEN NUCLEI**ODESSA METEORITE**GS CELESTIAL BODIES
METEORITES
IRON METEORITES
ODESSA METEORITE**ODORS**RT AIR POLLUTION
COMBUSTION PRODUCTS
EXHAUST GASES
GASES**OFF-ON CONTROL**UF BANG-BANG CONTROL
GS AUTOMATIC CONTROL
OFF-ON CONTROL
RT ∞ CONTROL
CONTROL EQUIPMENT
CONTROL THEORY
PROPORTIONAL CONTROL
SERVOCONTROL
SOLENOID VALVES**OFFGASSING**RT DEGASSING
VACUUM
VACUUM EFFECTS**OFFICE OF SPACE & TERRESTRIAL APPLICATIONS PAYLOADS**USE OSTA-1 PAYLOAD
OSTA-2 PAYLOAD**OFFSHORE DOCKING**RT ARTIFICIAL HARBORS
CARGO SHIPS
DEEPWATER TERMINALS
MARINE TECHNOLOGY
MARINE TRANSPORTATION
OCEANOGRAPHY
SHIP TERMINALS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION**OFFSHORE ENERGY SOURCES**RT CRUDE OIL
DEEPWATER TERMINALS
DRILLING
ENERGY TECHNOLOGY
MARINE TECHNOLOGY
OCEAN TEMPERATURE
OIL EXPLORATION
OIL FIELDS
SEA BREEZE
SEEPAGE**OFFSHORE PLATFORMS**RT ARTIFICIAL HARBORS
CARGO SHIPS
DEEPWATER TERMINALS
MARINE TECHNOLOGY
OCEANOGRAPHY
∞ PLATFORMS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION**OFFSHORE REACTOR SITES**GS SITES
OFFSHORE REACTOR SITES
RT REACTOR DESIGN
REACTOR SAFETY
REACTOR TECHNOLOGY
REMOTE REGIONS**OFT**USE SPACE TRANSPORTATION SYSTEM
FLIGHTS**OFT 1**USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT**OFT 2**USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT**OFT 3**USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT**OFT 4**USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT**OGEE SHAPE**GS SHAPES
OGEE SHAPE
RT VARIABLE SWEEP WINGS**OGEE WINGS**

USE VARIABLE SWEEP WINGS

OGIVESRT BODIES OF REVOLUTION
ELLIPSOIDS
FAIRINGS
NOSE CONES
SPHERES
STREAMLINED BODIES
SYMMETRICAL BODIES**OGO**UF ORBITING GEOPHYSICAL OBSERVATORY
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES**OGO**EGO
OGO-A
OGO-3
OGO-5
POGOOGO-C
OGO-4
OGO-6**SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES**OGO**EGO
OGO-A
OGO-3
OGO-5
POGOOGO-C
OGO-4
OGO-6

RT GAMMA RAY OBSERVATORY

OGO-AUF S-49 SATELLITE
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO**OGO-A****SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO**OGO-A**

RT ATLAS AGENA LAUNCH VEHICLES

OGO-B

USE OGO-3

OGO-CUF S-50 SATELLITE
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES**OGO**POGO
OGO-C**SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGOPOGO
OGO-C**OGO-D**

USE OGO-4

OGO-E

USE OGO-5

OGO-F

USE OGO-6

OGO-3UF OGO-B
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO**OGO-3****SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO**OGO-3**

RT THOR AGENA LAUNCH VEHICLE

OGO-4UF OGO-D
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO**POGO****OGO-4****SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO**POGO****OGO-4**

RT GEODESY

OGO-5UF OGO-E
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO**OGO-5****SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO**OGO-5**

RT GEODESY

OGO-6UF OGO-F
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OGO**POGO****OGO-6****SATELLITES**ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OGO**POGO****OGO-6****OH-4 HELICOPTER**UF HO-4 HELICOPTER
GS BELL AIRCRAFT
OH-4 HELICOPTER
LIGHT AIRCRAFT
OH-4 HELICOPTER
OBSERVATION AIRCRAFT
OH-4 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-4 HELICOPTER**OH-5 HELICOPTER**UF FH-1100 HELICOPTER
HO-5 HELICOPTER
GS FAIRCHILD-HILLER AIRCRAFT
OH-5 HELICOPTER
HILLER AIRCRAFT
OH-5 HELICOPTER
LIGHT AIRCRAFT
OH-5 HELICOPTER
OBSERVATION AIRCRAFT
OH-5 HELICOPTER
PASSENGER AIRCRAFT
OH-5 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-5 HELICOPTER
RT RIGID ROTOR HELICOPTERS

OH-6 HELICOPTER

OH-6 HELICOPTER

UF HO-6 HELICOPTER
LOH HELICOPTER
GS HUGHES AIRCRAFT
OH-6 HELICOPTER
LIGHT AIRCRAFT
OH-6 HELICOPTER
OBSERVATION AIRCRAFT
OH-6 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-6 HELICOPTER

OH-13 HELICOPTER

UF H-13 HELICOPTER
SIOUX HELICOPTER
UH-13 HELICOPTER
GS BELL AIRCRAFT
OH-13 HELICOPTER
LIGHT AIRCRAFT
OH-13 HELICOPTER
UTILITY AIRCRAFT
OH-13 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-13 HELICOPTER

OH-23 HELICOPTER

UF H-23 HELICOPTER
RAVEN HELICOPTER
UH-12 HELICOPTER
GS FAIRCHILD-HILLER AIRCRAFT
OH-23 HELICOPTER
LIGHT AIRCRAFT
OH-23 HELICOPTER
UTILITY AIRCRAFT
OH-23 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-23 HELICOPTER

OH-58 HELICOPTER

GS LIGHT AIRCRAFT
OH-58 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
OH-58 HELICOPTER

OHIO

GS NATIONS
UNITED STATES
OHIO
RT OHIO RIVER (US)
WABASH RIVER BASIN (IL-IN-OH)

OHIO RIVER (US)

GS RIVERS
OHIO RIVER (US)
RT ILLINOIS
INDIANA
KENTUCKY
OHIO
PENNSYLVANIA
WEST VIRGINIA

OHMIC DISSIPATION

UF JOULE HEATING
GS DISSIPATION
OHMIC DISSIPATION
RT JOULE-THOMSON EFFECT
LEVITATION MELTING
LOSSES

OHMMETERS

GS MEASURING INSTRUMENTS
OHMMETERS
RT ELECTRICAL CONDUCTIVITY METERS
ELECTRICAL IMPEDANCE
ELECTRICAL MEASUREMENT
ELECTRICAL RESISTANCE
RESISTANCE THERMOMETERS
WHEATSTONE BRIDGES

OHMS LAW

GS CIRCUITS
OHMS LAW
LAWS

OHMS LAW-(CONT)

RT **OHMS LAW**
 ∞ CONDUCTIVITY
ELECTRIC CURRENT
ELECTRICAL RESISTANCE
ELECTRICITY
ELECTROMOTIVE FORCES
VOLT-AMPERE CHARACTERISTICS

OIL ADDITIVES

GS ADDITIVES
OIL ADDITIVES

OIL EXPLORATION

GS EXPLORATION
OIL EXPLORATION
RT CRUDE OIL
DRILLING
ENERGY POLICY
GEOLOGY
NATURAL GAS EXPLORATION
OFFSHORE ENERGY SOURCES
TAR SANDS
UNDERWATER RESOURCES

OIL FIELDS

GS RESOURCES
EARTH RESOURCES
OIL FIELDS
RT CRUDE OIL
DRILLING
METHANE
NATURAL GAS
OFFSHORE ENERGY SOURCES
OILS
TAR SANDS

OIL POLLUTION

GS POLLUTION
ENVIRONMENT POLLUTION
WATER POLLUTION
OIL POLLUTION
RT COASTAL ECOLOGY
WETLANDS

OIL RECOVERY

RT ENERGY TECHNOLOGY
RECLAMATION
 ∞ RECOVERY
REUSE

OIL SLICKS

UF SLICKS
RT DUMPING
ENVIRONMENT POLLUTION
OCEANOGRAPHY
POLLUTION
SPILLING
WATER POLLUTION

OILS

GS **OILS**
CASTOR OIL
CRUDE OIL
FUEL OILS
LUBRICATING OILS
MINERAL OILS
SHALE OIL
RT ENERGY POLICY
FATS
FUELS
GREASES
HYDRAULIC FLUIDS
KEROGEN
LIPID METABOLISM
LUBRICANTS
OIL FIELDS
PETROLEUM PRODUCTS
PITCH (MATERIAL)
RETORT PROCESSING
TAR SANDS

OKHANSK METEORITE

GS CELESTIAL BODIES
METEORITES
OKHANSK METEORITE
RT IRON METEORITES
STONY METEORITES

OKLAHOMA

GS NATIONS
UNITED STATES
OKLAHOMA
RT LAKE TEXOMA (OK-TX)

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OLEFINS

USE ALKENES

OLEIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
OLEIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
OLEIC ACID
LIPIDS
OLEIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
OLEIC ACID

OLFACTORY PERCEPTION

UF SMELL
GS PERCEPTION
SENSORY PERCEPTION
OLFACTORY PERCEPTION
RT CHEMORECEPTORS
SENSE ORGANS

OLIVINE

GS MINERALS
OLIVINE
FORSTERITE
RT DUNITE
IGNEOUS ROCKS
MONTICELLITE
PERIDOTITE
REGOLITH
ROCKS
SOILS

OMAN

GS NATIONS
OMAN

OME

USE ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)

OMEGA NAVIGATION SYSTEM

GS MEASURING INSTRUMENTS
OMEGA NAVIGATION SYSTEM
NAVIGATION
OMEGA NAVIGATION SYSTEM
RT AIR NAVIGATION
 ∞ SYSTEMS

OMEGA-MESONS

GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
BARYONS
OMEGA-MESONS
HADRONS
BARYONS
OMEGA-MESONS
MESONS
OMEGA-MESONS
RT CHARGED PARTICLES
ETA-MESONS

OMEGATRONS

GS PARTICLE ACCELERATORS
CYCLOTRONS
OMEGATRONS

OMICRON CETI STAR

GS CELESTIAL BODIES
STARS
OMICRON CETI STAR
RT VARIABLE STARS

OMNIDIRECTIONAL ANTENNAS

GS ANTENNAS
OMNIDIRECTIONAL ANTENNAS
MONOPOLE ANTENNAS
WHIP ANTENNAS
TURNSTILE ANTENNAS
RT DIPOLE ANTENNAS
DIRECTIONAL ANTENNAS
MICROWAVE ANTENNAS
RADIO ANTENNAS

OMNIDIRECTIONAL RADIO RANGES

GS NAVIGATION AIDS
BEACONS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES

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OMNIDIRECTIONAL RADIO RANGES-(CONT)
 SELF CALIBRATING OMNIRANGE
 RADIO EQUIPMENT
 RADIO TRANSMITTERS
 RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 TRANSMITTERS
 RADIO TRANSMITTERS
 RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RT DISTANCE MEASURING EQUIPMENT
 RADIO NAVIGATION
 SOLAR COMPASSES

OMNIPOL HC-3 HELICOPTER
 USE HC-3 HELICOPTER

OMNIPOL L-29 AIRCRAFT
 USE L-29 JET TRAINER

OMNIPOL Z-37 AIRCRAFT
 USE Z 37 AIRCRAFT

OMNIRANGE NAVIGATION
 USE VHF OMNIRANGE NAVIGATION

ON-LINE PROGRAMMING
 GS SOFTWARE ENGINEERING
 COMPUTER PROGRAMMING
ON-LINE PROGRAMMING

ON-LINE SYSTEMS
 RT COMPUTER PROGRAMS
 COMPUTER TECHNIQUES
 DATA MANAGEMENT
 DATA PROCESSING
 INFORMATION RETRIEVAL
 INFORMATION SYSTEMS
 INTEGRATED LIBRARY SYSTEMS
 NUMERICAL DATA BASES
 ∞ SYSTEMS

ONBOARD COMPUTERS
 USE AIRBORNE/SPACEBORNE COMPUTERS

ONBOARD DATA PROCESSING
 RT AIRBORNE/SPACEBORNE COMPUTERS
 ∞ DATA
 FLIGHT MANAGEMENT SYSTEMS
 IMAGE PROCESSING
 MICROPROCESSORS
 REAL TIME OPERATION
 SIGNAL PROCESSING

ONBOARD EQUIPMENT
 GS **ONBOARD EQUIPMENT**
 AIRBORNE EQUIPMENT
 AIRBORNE/SPACEBORNE
 COMPUTERS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 TERCOM
 AIRBORNE LASERS
 AIRCRAFT EQUIPMENT
 BOMBING EQUIPMENT
 FLYING EJECTION SEATS
 TERCOM
 SPACECRAFT EQUIPMENT
 SPACECRAFT ELECTRONIC
 EQUIPMENT
 RT AIRBORNE SURVEILLANCE RADAR
 ∞ AIRCRAFT
 BUBBLE TECHNIQUE
 CREW PROCEDURES (PREFLIGHT)
 ∞ EQUIPMENT
 FLIGHT INSTRUMENTS
 FLIGHT OPERATIONS
 FLIGHT SAFETY
 HEATING EQUIPMENT
 LIFE SUPPORT SYSTEMS
 LIGHTING EQUIPMENT
 RADAR EQUIPMENT
 RADIO EQUIPMENT
 SPACECRAFT INSTRUMENTS
 STOWAGE (ONBOARD EQUIPMENT)
 SURVIVAL EQUIPMENT
 TELECOMMUNICATION
 ∞ TEST EQUIPMENT
 TRAINING DEVICES

ONE DIMENSIONAL FLOW
 GS FLUID FLOW

ONE DIMENSIONAL FLOW-(CONT)
ONE DIMENSIONAL FLOW
 RT ANNULAR FLOW
 AXIAL FLOW
 CORE FLOW
 FLOW GEOMETRY
 HUGONIOT EQUATION OF STATE
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW

ONE-PHASE FLOW
 USE SINGLE-PHASE FLOW

ONISOTROPY
 USE ANISOTROPY

ONSAGER PHENOMENOLOGICAL COEFFICIENT
 GS COEFFICIENTS
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
 RT FLUX DENSITY
 PLASMAS (PHYSICS)
 STATISTICAL MECHANICS
 VARIATIONAL PRINCIPLES

ONSAGER RELATIONSHIP
 RT ∞ EQUILIBRIUM
 IRREVERSIBLE PROCESSES
 THERMODYNAMICS

ONTARIO
 GS NATIONS
 CANADA
 ONTARIO

ONTOGENESIS
 USE ONTOGENY

ONTOGENY
 UF ONTOGENESIS
 RT BIOGENY
 EVOLUTION (DEVELOPMENT)
 GROWTH
 NEUROPHYSIOLOGY

OOCYTES
 USE GAMETOCYTES

OPACIFIERS
 GS ADDITIVES
OPACIFIERS
 RT ∞ AGENTS
 FILLERS

OPACITY
 GS ELECTROMAGNETIC PROPERTIES
 OPTICAL PROPERTIES
OPACITY
 RT ABSORPTANCE
 ABSORPTIVITY
 ACOUSTICS
 ATMOSPHERIC OPTICS
 ATTENUATION COEFFICIENTS
 CLARITY
 DENSITY (MASS/VOLUME)
 ELECTROMAGNETIC ABSORPTION
 HAZE
 KRAMERS-KRONIG FORMULA
 LIGHT (VISIBLE RADIATION)
 LIGHT TRANSMISSION
 REFRACTIVITY
 TRANSLUCENCE
 TRANSMISSION EFFICIENCY
 TRANSMISSIVITY
 TRANSPARENCY
 TURBIDITY
 UNDERWATER OPTICS
 VISIBILITY

OPALESCE
 RT IRIDESCENCE
 OPTICAL PROPERTIES

OPEN CHANNEL FLOW
 GS FLUID FLOW
 CHANNEL FLOW
OPEN CHANNEL FLOW
 LIQUID FLOW
OPEN CHANNEL FLOW
 RT LAMINAR FLOW
 MEANDERS
 PIPE FLOW
 TURBULENT FLOW
 WATER FLOW

OPERATING TEMPERATURE

OPEN CIRCUIT VOLTAGE
 GS POTENTIAL ENERGY
 ELECTRIC POTENTIAL
OPEN CIRCUIT VOLTAGE
 RT BIAS
 CAPACITANCE
 ELECTRICAL PROPERTIES
 ELECTRICAL RESISTIVITY
 ELECTROMOTIVE FORCES
 ENERGY CONVERSION EFFICIENCY
 OVERVOLTAGE
 ∞ POTENTIAL
 POWER GAIN
 SHORT CIRCUIT CURRENTS
 SOLAR CELLS
 STATIC ELECTRICITY
 VOLT-AMPERE CHARACTERISTICS

OPEN PROJECT
 UF ORIGIN OF PLASMAS IN EARTH
 NEIGHBORHOOD
 RT EARTH ATMOSPHERE
 MAGNETOSPHERE
 PLASMA DIAGNOSTICS
 PLASMA PHYSICS
 PLASMASPHERE
 SATELLITE-BORNE INSTRUMENTS
 SPACE PLASMAS

OPENINGS
 UF CUT-OUTS
 GS **OPENINGS**
 APERTURES
 IRISES (MECHANICAL APERTURES)
 SYNTHETIC APERTURES
 PORTS (OPENINGS)
 SLITS
 RT ANNULAR DUCTS
 CAVITIES
 CRACKS
 CURTAINS
 DOORS
 DUCT GEOMETRY
 DUCTS
 EGRESS
 EXHAUST NOZZLES
 EXHAUST SYSTEMS
 GAPS
 GATES (OPENINGS)
 INGRESS (SPACECRAFT PASSAGEWAY)
 INLET NOZZLES
 INTAKE SYSTEMS
 ORIFICES
 OUTLETS
 PASSAGEWAYS
 PERFORATED PLATES
 PIPE NOZZLES
 SLOTS
 VENTS
 WINDOWS (APERTURES)

OPERATING COSTS
 GS COSTS
OPERATING COSTS
 RT AIRLINE OPERATIONS
 ECONOMIC ANALYSIS
 ENERGY POLICY
 FUELS
 MAINTENANCE
 PRODUCTION COSTS
 SYSTEMS ANALYSIS

OPERATING SYSTEMS (COMPUTERS)
 SN (COMPUTER PROGRAMS FOR
 EXPEDITING, CONTROLLING AND/OR
 RECORDING COMPUTER USE BY OTHER
 PROGRAMS)
 GS COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
OPERATING SYSTEMS (COMPUTERS)
 RT ASSEMBLER ROUTINES
 COMPILERS
 COMPUTER INFORMATION SECURITY
 COMPUTER SYSTEMS DESIGN
 INPUT/OUTPUT ROUTINES
 ∞ ROUTINES
 ∞ SYSTEMS

OPERATING TEMPERATURE
 GS TEMPERATURE
OPERATING TEMPERATURE
 RT AMBIENT TEMPERATURE
 COMBUSTION TEMPERATURE
 ROOM TEMPERATURE
 WALL TEMPERATURE

OPERATIONAL AMPLIFIERS

OPERATIONAL AMPLIFIERS

GS AMPLIFIERS
OPERATIONAL AMPLIFIERS
 RT AMPLIFIER DESIGN
 ANALOG CIRCUITS
 ANALOG COMPUTERS
 DIFFERENTIAL AMPLIFIERS
 TRANSISTOR AMPLIFIERS

OPERATIONAL CALCULUS

RT ∞ APPLICATIONS OF MATHEMATICS
 CALCULUS
 CALCULUS OF VARIATIONS
 DIFFERENTIAL EQUATIONS
 FOURIER ANALYSIS
 INTEGRAL CALCULUS
 LINEAR EQUATIONS

OPERATIONAL HAZARDS

GS HAZARDS
OPERATIONAL HAZARDS
 RT AIR PIRACY
 AIRCRAFT HAZARDS
 CUMULATIVE DAMAGE
 FLIGHT HAZARDS
 METEOROID HAZARDS
 NOISE (SOUND)
 RADIATION HAZARDS

OPERATIONAL PROBLEMS

RT ∞ PROBLEMS

∞ OPERATIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIR DROP OPERATIONS
 AIR TRAFFIC CONTROL
 AIRLINE OPERATIONS
 CHEMICAL ENGINEERING
 CHEMICAL REACTIONS
 CLINICAL MEDICINE
 DEPLOYMENT
 FISHBOWL OPERATION
 LOADING OPERATIONS
 MECHANIZATION
 MISSION PLANNING
 OPERATIONS RESEARCH
 ORIFICES
 PREFLIGHT OPERATIONS
 PREMATURE OPERATION
 PRODUCTION ENGINEERING
 PROGRAMS
 PROJECTS
 RESCUE OPERATIONS
 RUNNING
 SEQUENCING
 STRATEGY
 SURGERY
 SYSTEMS ENGINEERING

OPERATIONS RESEARCH

GS **OPERATIONS RESEARCH**
 DYNAMIC PROGRAMMING
 MATHEMATICAL PROGRAMMING
 LINEAR PROGRAMMING
 NONLINEAR PROGRAMMING
 QUADRATIC PROGRAMMING
 RT ∞ APPLICATIONS OF MATHEMATICS
 COMPUTER SYSTEMS SIMULATION
 COMPUTERIZED SIMULATION
 CONSTRAINTS
 CONTROL SYSTEMS DESIGN
 CRITICAL PATH METHOD
 DECISION THEORY
 DELPHI METHOD (FORECASTING)
 DYNAMIC PROGRAMMING
 EXPERIMENT DESIGN
 FORECASTING
 FUNCTIONS (MATHEMATICS)
 GAME THEORY
 INFORMATION THEORY
 LAGRANGE MULTIPLIERS
 LINEAR PREDICTION
 LINEAR PROGRAMMING
 MANAGEMENT
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 MATHEMATICAL MODELS
 MATRIX MANAGEMENT
 MINIMA
 MINIMAX TECHNIQUE
 MISSION PLANNING
 NONLINEAR PROGRAMMING
 ∞ OPERATIONS

OPERATIONS RESEARCH-(CONT)

OPTIMIZATION
 ∞ PATHS
 PATTERN METHOD (FORECASTING)
 PROBABILITY THEORY
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 PROJECT PLANNING
 QUALITY CONTROL
 QUEUEING THEORY
 RAND PROJECT
 RAYLEIGH DISTRIBUTION
 RESEARCH AND DEVELOPMENT
 RESEARCH MANAGEMENT
 RISK
 SADDLE POINTS (GAME THEORY)
 SEQUENCING
 SIMULATION
 STATISTICAL ANALYSIS
 STOCHASTIC PROCESSES
 STRATEGY
 ∞ SYNTHESIS
 SYNTHESIS (CHEMISTRY)
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING
 SYSTEMS MANAGEMENT
 SYSTEMS SIMULATION
 TRAVELING SALESMAN PROBLEM
 URBAN DEVELOPMENT
 WAR GAMES

OPERATOR PERFORMANCE

GS HUMAN PERFORMANCE
OPERATOR PERFORMANCE
 RT ASTRONAUT PERFORMANCE
 COMPUTER SYSTEMS PERFORMANCE
 MENTAL PERFORMANCE
 ∞ PERFORMANCE
 PILOT PERFORMANCE
 PSYCHOMOTOR PERFORMANCE

∞ OPERATORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT OPERATORS (MATHEMATICS)
 OPERATORS (PERSONNEL)
 REACTOR CORES

OPERATORS (MATHEMATICS)

UF DIFFERENTIAL OPERATORS
 FREDHOLM OPERATORS
 GS **OPERATORS (MATHEMATICS)**
 BERGMAN OPERATOR
 RT FUNCTIONS (MATHEMATICS)
 INTEGRAL TRANSFORMATIONS
 LAPLACE TRANSFORMATION
 MATRIX THEORY
 ∞ OPERATORS
 PERTURBATION THEORY
 S MATRIX THEORY

OPERATORS (PERSONNEL)

GS PERSONNEL
OPERATORS (PERSONNEL)
 PILOTS (PERSONNEL)
 AIRCRAFT PILOTS
 TEST PILOTS
 RT ∞ OPERATORS

OPHIUCHI CLOUDS

RT CLOUD PHYSICS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 NEBULAE

OPHTHALMODYNAMOMETRY

RT BLOOD PRESSURE
 EYE (ANATOMY)
 VISION

OPHTHALMOLOGY

GS MEDICAL SCIENCE
OPHTHALMOLOGY
 RT ELECTRONYSTAGMOGRAPHY
 EYE (ANATOMY)
 EYE DISEASES
 MIOSIS
 VESTIBULAR NYSTAGMUS

OPIK THEORY

RT NEBULAE
 ORION CONSTELLATION
 ORION NEBULA
 SUPERNOVAE

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OPIK THEORY-(CONT)

∞ THEORIES

OPTICAL ABSORPTION

USE ELECTROMAGNETIC ABSORPTION
 LIGHT TRANSMISSION

OPTICAL ACTIVITY

RT BIOCHEMISTRY
 CARBOHYDRATES
 ∞ OPTICS
 ORGANIC CHEMISTRY
 POLARIMETRY
 POLARIZED LIGHT
 STEREOCHEMISTRY

OPTICAL AMPLIFIERS

USE LIGHT AMPLIFIERS

OPTICAL BISTABILITY

GS ELECTROMAGNETIC PROPERTIES
 OPTICAL PROPERTIES
OPTICAL BISTABILITY
 RT HYSTERESIS
 INTEGRATED OPTICS
 LIGHT TRANSMISSION
 NONLINEAR OPTICS
 OPTICAL DATA STORAGE MATERIALS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL MEMORY (DATA STORAGE)
 OPTICAL WAVEGUIDES
 SWITCHING CIRCUITS

OPTICAL COMMUNICATION

UF LASER COMMUNICATION
 LIGHT COMMUNICATION
 OPTICAL SIGNALS
 GS TELECOMMUNICATION
 COMMUNICATION
OPTICAL COMMUNICATION
 RT DYE LASERS
 GROUND-AIR-GROUND COMMUNICATION
 HIGH POWER LASERS
 INTERPLANETARY COMMUNICATION
 LASERS
 LUNAR COMMUNICATION
 ∞ OPTICS
 SPACE COMMUNICATION
 SPACECRAFT COMMUNICATION
 TUNABLE LASERS
 VISUAL SIGNALS
 WIRELESS COMMUNICATION

OPTICAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
OPTICAL COMPUTERS
 RT COHERENT LIGHT
 COMPUTER DESIGN
 ELECTRO-OPTICS
 OPTICAL EQUIPMENT
 OPTICAL MEMORY (DATA STORAGE)

OPTICAL CORRECTION PROCEDURE

GS CORRECTION
OPTICAL CORRECTION PROCEDURE
 PROCEDURES
OPTICAL CORRECTION PROCEDURE
 RT ADAPTIVE OPTICS
 ADJUSTING
 ERRORS
 INSTRUMENT ERRORS
 LENS DESIGN
 ∞ OPTICS
 PHOTOGRAPHIC MEASUREMENT
 PHOTOGRAPHS
 POSITION ERRORS
 SELF FOCUSING

OPTICAL COUNTERMEASURES

GS COUNTERMEASURES
OPTICAL COUNTERMEASURES
 RT AIR DEFENSE
 ANTIMISSILE DEFENSE
 DECEPTION
 ELECTRONIC COUNTERMEASURES
 MILITARY TECHNOLOGY
 MISSILE DEFENSE
 OPTICAL RADAR
 ∞ OPTICS
 SPACE SURVEILLANCE (SPACEBORNE)

OPTICAL COUPLING

- GS COUPLING
- RT **OPTICAL COUPLING**
 - COUPLES
 - CROSS COUPLING
 - CROSS POLARIZATION
 - LASER MODE LOCKING
 - LIGHT TRANSMISSION
 - MICROWAVE COUPLING
 - ∞ OPTICS
 - PHASE LOCKED SYSTEMS
 - POLARIZATION (WAVES)

OPTICAL DATA PROCESSING

- GS DATA PROCESSING
 - OPTICAL DATA PROCESSING**
 - SCENE ANALYSIS
- RT CHARACTER RECOGNITION
 - ∞ DATA
 - DATA ACQUISITION
 - DATA PROCESSING EQUIPMENT
 - GRAY SCALE
 - IMAGE PROCESSING
 - LASERS
 - LIGHT VALVES
 - OPTICAL DISKS
 - OPTICAL RELAY SYSTEMS
 - ∞ OPTICS
 - PHOTONICS
 - ∞ PROCESSING
 - READERS
 - SCANNERS
 - TOMOGRAPHY

OPTICAL DATA STORAGE MATERIALS

- RT ∞ DATA
 - DATA RECORDING
 - DATA STORAGE
 - LASER APPLICATIONS
 - OPTICAL BISTABILITY
 - OPTICAL MEMORY (DATA STORAGE)
- ∞ OPTICS
 - PHOTOGRAPHIC FILM
 - VIDEO DISKS

OPTICAL DENSITY

- RT ∞ DENSITY
 - MICRODENSITOMETERS
- ∞ OPTICS
 - TRANSLUCENCE
 - TRANSMITTANCE
 - TRANSPARENCE
 - TURBIDITY
 - UNDERWATER OPTICS

OPTICAL DEPOLARIZATION

- RT LIGHT (VISIBLE RADIATION)
 - ∞ OPTICS
 - POLARIZED LIGHT

OPTICAL DISKS

- GS PERIPHERAL EQUIPMENT (COMPUTERS)
 - COMPUTER STORAGE DEVICES
 - OPTICAL DISKS**
- RT DATA STORAGE
 - LASER APPLICATIONS
 - OPTICAL DATA PROCESSING
 - OPTICAL EQUIPMENT
 - OPTICAL MEMORY (DATA STORAGE)
 - VIDEO DISKS

OPTICAL EMISSION

- USE LIGHT EMISSION

OPTICAL EMISSION SPECTROSCOPY

- GS SPECTROSCOPY
 - OPTICAL EMISSION SPECTROSCOPY**
 - LASER SPECTROSCOPY
- RT AURORAL SPECTROSCOPY
 - ELECTRON SPECTROSCOPY
 - EMISSION SPECTRA
 - LIGHT (VISIBLE RADIATION)
 - ∞ OPTICS

OPTICAL EQUIPMENT

- GS **OPTICAL EQUIPMENT**
 - ASTRONOMICAL TELESCOPES
 - HELIOMETERS
 - PYROHELIOMETERS
 - SPECTROSCOPIC TELESCOPES
 - MULTISPECTRAL TRACKING TELESCOPES
 - STRATOSCOPE TELESCOPES
 - X RAY TELESCOPES
 - BINOCULARS

OPTICAL EQUIPMENT-(CONT.)

- CAMERAS
 - BAKER-NUNN CAMERA
 - BALLISTIC CAMERAS
 - DELFT CAMERA
 - DIFFRACTION LIMITED CAMERAS
 - FAINT OBJECT CAMERA
 - HIGH SPEED CAMERAS
 - FRAMING CAMERAS
 - I2S CAMERAS
 - LALLEMAND CAMERAS
 - MULTISPECTRAL BAND CAMERAS
 - PANORAMIC CAMERAS
 - PINHOLE CAMERAS
 - SCHMIDT CAMERAS
 - STREAK CAMERAS
 - TELEVISION CAMERAS
- COLLIMATORS
- ENDOSCOPES
- EYEPIECES
- IMAGE CONVERTERS
- CELESCOPES
- IMAGE TUBES
- THERMICON
- LASER DOPPLER VELOCIMETERS
- OPTICAL GYROSCOPES
- OPTICAL MEASURING INSTRUMENTS
- CATHETOMETERS
- DIFFRACTOMETERS
- EBERT SPECTROMETERS
- ELLIPSO METERS
- GEODIMETERS
- INFRARED SPECTROMETERS
 - FILTER WHEEL INFRARED SPECTROMETERS
- LIGHT SCATTERING METERS
- MICRODENSITOMETERS
- NEPHELOMETERS
- OPTICAL PYROMETERS
- OPTICAL RANGE FINDERS
- OPTICAL SCANNERS
 - MULTISPECTRAL BAND SCANNERS
- PHOTO GONIOMETERS
- PHOTOMETERS
 - ELECTROPHOTOMETERS
 - ULTRAVIOLET SPECTROMETERS
 - ULTRAVIOLET SPECTROPHOTOMETERS
- POLARIMETERS
- REFLECTOMETERS
- MICROWAVE REFLECTOMETERS
- REFRACTOMETERS
- SEXTANTS
- SPECTROPHOTOMETERS
 - INFRARED SPECTROPHOTOMETERS
 - ULTRAVIOLET SPECTROPHOTOMETERS
- TRANSITS
- THEODOLITES
- CINETHEODOLITES
- TRANSMISSOMETERS
- OPTICAL MICROSCOPES
- OPTICAL RADAR
- PERISCOPES
- PHOTOGRAPHIC RECTIFIERS
- POLARISCOPES
- SENARMONT POLARISCOPES
- PRISMS
 - PRISMATIC BARS
 - SCATTER PLATES (OPTICS)
 - SPECTROHELIOGRAPHS
 - STROBOSCOPES
- WIDE ANGLE LENSES
- RT ABSORPTION SPECTROSCOPY
- ACOUSTIC MICROSCOPES
- CIRCUMSOLAR TELESCOPES
- DENSITOMETERS
- FABRY-PEROT SPECTROMETERS
- GEOMETRICAL OPTICS
- HORIZON SCANNERS
- INFRARED INTERFEROMETERS
- INFRARED SCANNERS
- INTERFEROMETERS
- LENSES
- LOOK ANGLES (ELECTRONICS)
- MACH-ZEHNDER INTERFEROMETERS
- MICROCHANNELS
- MICROSCOPES
- MIRRORS
- MONOCHROMATORS
- OPTICAL BISTABILITY
- OPTICAL COMPUTERS
- OPTICAL DISKS
- ∞ OPTICS
 - OPTOGALVANIC SPECTROSCOPY
 - PHOTOGRAPHIC EQUIPMENT

OPTICAL EQUIPMENT-(CONT.)

- RADIO TELESCOPES
- REFLECTING TELESCOPES
- REFRACTING TELESCOPES
- RETICLES
- SCANNER PROJECT
- SCANNERS
- SPECTROMETERS
- TELESCOPES
- TRIPODS
- VIDEO EQUIPMENT

OPTICAL FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
 - OPTICAL FILTERS**
 - BIREFRINGENT FILTERS
 - INFRARED FILTERS
 - ULTRAVIOLET FILTERS
- RT ADAPTIVE FILTERS
 - BANDPASS FILTERS
 - BANDSTOP FILTERS
 - DIAPHRAGMS (MECHANICS)
 - DIDYMIUM
 - ELECTRIC FILTERS
 - ∞ FILTERS
 - ∞ GRATINGS
 - GRATINGS (SPECTRA)
 - HIGH PASS FILTERS
 - LENSES
 - LOW PASS FILTERS
 - OPTICAL RELAY SYSTEMS
 - ∞ OPTICS
 - PHOTOGRAPHIC EQUIPMENT
 - PHOTOGRAPHIC FILM
 - ROWLAND CIRCLES
 - SUNGLASSES
 - TRANSMISSION

OPTICAL GENERATORS

- USE LASER CAVITIES

OPTICAL GYROSCOPES

- GS GYROSCOPES
 - OPTICAL GYROSCOPES**
 - OPTICAL EQUIPMENT
 - OPTICAL GYROSCOPES**
- RT LASER GYROSCOPES
 - ∞ OPTICS
 - SAGNAC EFFECT

OPTICAL HETERODYNING

- GS HETERODYNING
 - OPTICAL HETERODYNING**
- RT DOPPLER EFFECT
 - LIGHT MODULATION
 - ∞ OPTICS

OPTICAL ILLUSION

- GS PSYCHOLOGICAL EFFECTS
 - ILLUSIONS
 - OPTICAL ILLUSION**
 - ELEVATOR ILLUSION
- RT MOON ILLUSION
 - ∞ OPTICS

OPTICAL IMAGES

- USE IMAGES

OPTICAL MASER MODULATION

- USE LIGHT MODULATION

OPTICAL MASERS

- USE LASERS

OPTICAL MEASUREMENT

- SN (MEASUREMENTS OF OPTICAL PROPERTIES, QUANTITIES OR CONDITIONS)
- GS **OPTICAL MEASUREMENT**
 - ASTRONOMICAL PHOTOMETRY
 - STELLAR SPECTROPHOTOMETRY
 - COLORIMETRY
 - OPTOMETRY
 - PHOTOMETRY
 - ELECTROPHOTOMETRY
 - INFRARED PHOTOMETRY
 - SPECTROPHOTOMETRY
 - STELLAR SPECTROPHOTOMETRY
 - TELEPHOTOMETRY
 - ULTRAVIOLET PHOTOMETRY
 - VISUAL PHOTOMETRY
 - POLARIMETRY
- RT CHEMICAL ANALYSIS
 - COLLIMATORS

OPTICAL MEASURING INSTRUMENTS

OPTICAL MEASUREMENT-(CONT)

DENSITOMETERS
DIFFRACTOMETERS
ELECTRO-OPTICAL PHOTOGRAPHY
EMISSION
FARADAY EFFECT
GAMMA RAY SPECTROMETERS
GEODIMETERS
GEOMETRICAL OPTICS
GRAZING INCIDENCE
INFRARED INTERFEROMETERS
INTERFEROMETERS
LIGHT (VISIBLE RADIATION)
∞ MEASUREMENT
MICRODENSITOMETERS
MODULATION TRANSFER FUNCTION
NEPHELOMETERS
∞ OPTICS
PHASE CONTRAST
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETERS
RAY TRACING
REFLECTANCE
REFLECTOMETERS
REFRACTOMETERS
RONCHI TEST
SPECTRAL SIGNATURES
SPECTROMETERS
SPECTROPHOTOMETERS
STROBOSCOPES

OPTICAL MEASURING INSTRUMENTS

SN (INSTRUMENTS UTILIZING OPTICAL PRINCIPLES FOR MEASUREMENT)
UF OPTICAL SENSORS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
CATHETOMETERS
DIFFRACTOMETERS
EBERT SPECTROMETERS
ELLIPSOMETERS
GEODIMETERS
HAPLOSCOPES
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED SPECTROMETERS
LIGHT SCATTERING METERS
MICRODENSITOMETERS
NEPHELOMETERS
OCULOMETERS
OPTICAL PYROMETERS
OPTICAL RANGE FINDERS
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
PHOTOGONIOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET SPECTROPHOTOMETERS
POLARIMETERS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
REFRACTOMETERS
SEXTANTS
SPECTROPHOTOMETERS
INFRARED SPECTROPHOTOMETERS
ULTRAVIOLET SPECTROPHOTOMETERS
TRANSITS
THEODOLITES
CINETHEODOLITES
TRANSMISSOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
CATHETOMETERS
DIFFRACTOMETERS
EBERT SPECTROMETERS
ELLIPSOMETERS
GEODIMETERS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED SPECTROMETERS
LIGHT SCATTERING METERS
MICRODENSITOMETERS
NEPHELOMETERS
OPTICAL PYROMETERS
OPTICAL RANGE FINDERS
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
PHOTOGONIOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS

OPTICAL MEASURING INSTRUMENTS-(CONT)

ULTRAVIOLET SPECTROPHOTOMETERS
POLARIMETERS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
REFRACTOMETERS
SEXTANTS
SPECTROPHOTOMETERS
INFRARED SPECTROPHOTOMETERS
ULTRAVIOLET SPECTROPHOTOMETERS
TRANSITS
THEODOLITES
CINETHEODOLITES
TRANSMISSOMETERS
RT ABSORPTION SPECTROSCOPY
CINESPECTROGRAPHS
COLORIMETRY
DENSITOMETERS
FABRY-PEROT SPECTROMETERS
FAINT OBJECT CAMERA
GONIOMETERS
GUIDANCE SENSORS
INFRARED INTERFEROMETERS
INTERFEROMETERS
LASER DOPPLER VELOCIMETERS
MACH-ZEHNDER INTERFEROMETERS
MICROSCOPES
MIROS SYSTEM
MONOCHROMATORS
MULTISPECTRAL TRACKING
TELESCOPES
OPTICAL BISTABILITY
∞ OPTICS
OPTOGALVANIC SPECTROSCOPY
PERISCOPES
POLARIMETRY
POLARISCOPES
RADIATION MEASURING INSTRUMENTS
REFLECTING TELESCOPES
REFRACTING TELESCOPES
SELF FOCUSING
SENARMONT POLARISCOPES
SOLAR INSTRUMENTS
TELEPHOTOMETRY
TELESCOPES

OPTICAL MEMORY (DATA STORAGE)

RT COHERENT LIGHT
COMPUTER STORAGE DEVICES
∞ DATA
HOLOGRAPHY
LASERS
OPTICAL BISTABILITY
OPTICAL COMPUTERS
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
∞ OPTICS
VIDEO DISKS

OPTICAL METHODS

USE OPTICS

OPTICAL MICROSCOPES

GS MICROSCOPES
OPTICAL MICROSCOPES
OPTICAL EQUIPMENT
OPTICAL MICROSCOPES
RT ELECTRON MICROSCOPES
∞ OPTICS

OPTICAL MODULATION

USE LIGHT MODULATION

OPTICAL PATHS

RT DIFFRACTION PATHS
GEOMETRICAL OPTICS
MULTIPATH TRANSMISSION
∞ OPTICS
∞ PATHS
PHASE CONTRAST
PHOTON BEAMS
SAGNAC EFFECT
UNDERWATER OPTICS
VOIGT EFFECT
WAVE DISPERSION

OPTICAL POLARIZATION

RT CIRCULAR POLARIZATION
LINEAR POLARIZATION
∞ OPTICS
POLARIZED LIGHT
POLARIZERS
POLAROGRAPHY

NASA THESAURUS (VOLUME 1)

OPTICAL PROPERTIES

SN (INCLUDES PROPERTIES AND EFFECTS OF VISIBLE, INFRARED AND ULTRAVIOLET ELECTROMAGNETIC WAVES)
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
ABSORPTIVITY
BIREFRINGENCE
BRIGHTNESS
SOLAR GRANULATION
BRIGHTNESS DISTRIBUTION
COLOR
IRIDESCENCE
WATER COLOR
DICHROISM
LUMINOSITY
STELLAR LUMINOSITY
OPACITY
OPTICAL BISTABILITY
OPTICAL REFLECTION
PHOSPHORESCENCE
PHOTOCONDUCTIVITY
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
PHOTOELECTRIC EMISSION
PHOTOVISCOELASTICITY
PHOTOVOLTAIC EFFECT
RADIANCE
REFLECTANCE
REFRACTIVITY
SKY BRIGHTNESS
STIGMATISM
TRANSLUCENCE
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCY
TURBIDITY
RT ACOUSTO-OPTICS
ALBEDO
BIREFRINGENT FILTERS
CLARITY
COEFFICIENTS
COHERENT RADIATION
CROSS POLARIZATION
DARKNESS
DIFFRACTION
ELECTRICAL PROPERTIES
ELECTROMAGNETIC ABSORPTION
EMITTANCE
EXCITONS
FARADAY EFFECT
GEOMETRICAL OPTICS
GLARE
GLASS
GRADIENT INDEX OPTICS
HAZE
INFRARED ABSORPTION
ISOTROPY
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
LUMENS
LUMINANCE
LUNAR ALBEDO
METALLIC GLASSES
OPALESCE
∞ OPTICS
∞ ORIENTATION
PHOTOELECTRICITY
PHOTONS
PHOTOTROPISM
PHYSICAL OPTICS
∞ PHYSICAL PROPERTIES
POLARIZATION (WAVES)
∞ PROPERTIES
∞ SOLID STATE PHYSICS
SURFACE PROPERTIES
THERMOCHROMATIC MATERIALS
THERMODYNAMIC PROPERTIES
VISIBILITY
WAVE DISPERSION
OPTICAL PUMPING
GS **OPTICAL PUMPING**
LASER PUMPING
RT ELECTRON PUMPING
ELECTRON-HOLE DROPS
EXCIMER LASERS
GAMMA RAY LASERS
GLASS LASERS
HCN LASERS
KRYPTON FLUORIDE LASERS
LASER PROPULSION
LASERS

OPTICAL PUMPING-(CONT)

METAL VAPOR LASERS
NEODYMIUM LASERS
NUCLEAR PUMPED LASERS
NUCLEAR PUMPING
∞ OPTICS
PULSE REPETITION RATE
∞ PUMPING
RARE GAS-HALIDE LASERS
SOLAR-PUMPED LASERS
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

OPTICAL PYROMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
OPTICAL PYROMETERS
TEMPERATURE MEASURING INSTRUMENTS
OPTICAL PYROMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL PYROMETERS
RT ∞ OPTICS
RADIATION PYROMETERS

OPTICAL RADAR

UF LASER RADAR
LIDAR
GS OPTICAL EQUIPMENT
OPTICAL RADAR
RADAR
OPTICAL RADAR
RT LASER ALTIMETERS
OPTICAL COUNTERMEASURES
∞ OPTICS
OVER THE-HORIZON RADAR
RADAR DETECTION

OPTICAL RANGE FINDERS

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
RANGE FINDERS
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
OPTICAL MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS
RT LUNAR RANGEFINDING
∞ OPTICS

OPTICAL REFLECTION

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
OPTICAL REFLECTION
REFLECTION
OPTICAL REFLECTION
RT ANTIREFLECTION COATINGS
ELECTROMAGNETIC ABSORPTION
GEOMETRICAL OPTICS
INCIDENT RADIATION
INFRARED REFLECTION
LIGHT TRANSMISSION
∞ OPTICS
REFLECTANCE
REFLECTED WAVES
SPREAD REFLECTION

OPTICAL RELAY SYSTEMS

RT ELECTRO-OPTICS
IMAGING TECHNIQUES
LASER APPLICATIONS
OPTICAL DATA PROCESSING
OPTICAL FILTERS
OPTICAL RESONATORS
∞ OPTICS
PATTERN RECOGNITION
∞ SYSTEMS

OPTICAL RESONANCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
OPTICAL RESONANCE
RESONANCE
OPTICAL RESONANCE
RT NUCLEAR PUMPED LASERS
∞ OPTICS
PLASMA RADIATION
PLASMA SPECTRA
RESONANCE LINES
SPECTRUM ANALYSIS

OPTICAL RESONATORS

GS RESONATORS
OPTICAL RESONATORS
RT LASER MODES
LASER OUTPUTS
MIRRORS
OPTICAL RELAY SYSTEMS
∞ OPTICS

OPTICAL SATELLITE TRACKING PROGRAM

RT ∞ OPTICS
SATELLITE TRACKING

OPTICAL SCANNERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
SCANNERS
OPTICAL SCANNERS
FLYING SPOT SCANNERS
MULTISPECTRAL BAND SCANNERS
RT CHARACTER RECOGNITION
DATA ACQUISITION
MONITORS
∞ OPTICS
PHOTON BEAMS
READERS
TELEVISION CAMERAS

OPTICAL SENSORS

USE OPTICAL MEASURING INSTRUMENTS

OPTICAL SIGNALS

USE OPTICAL COMMUNICATION

OPTICAL SLANT RANGE

GS DISTANCE
OPTICAL SLANT RANGE
RT ∞ OPTICS
RADAR RANGE

OPTICAL SPECTRUM

USE LIGHT (VISIBLE RADIATION)
SPECTRA

OPTICAL THICKNESS

RT ANTIREFLECTION COATINGS
FERMAT PRINCIPLE
∞ OPTICS
REFRACTIVITY
THICKNESS

OPTICAL TRACKING

UF VISUAL TRACKING
GS TRACKING (POSITION)
OPTICAL TRACKING
RT BALLISTIC CAMERAS
BORESIGHT ERROR
BORESIGHTS
COMPENSATORY TRACKING
GLOBAL TRACKING NETWORK
INFRARED TRACKING
MINITRACK SYSTEM
MULTISPECTRAL TRACKING
TELESCOPES
OCULOMETERS
∞ OPTICS
PHOTOGRAPHIC TRACKING
RANGE AND RANGE RATE TRACKING
SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING
STDN (NETWORK)

OPTICAL TRANSFER FUNCTION

UF OTF
GS FUNCTIONS (MATHEMATICS)
TRANSFER FUNCTIONS
OPTICAL TRANSFER FUNCTION
RT ADAPTIVE OPTICS
ASTRONOMICAL TELESCOPES
COST ANALYSIS
FIGURE OF MERIT
IMAGING TECHNIQUES
MODULATION TRANSFER FUNCTION
∞ OPTICS
∞ PERFORMANCE
SPACEBORNE TELESCOPES
SYSTEM EFFECTIVENESS

OPTICAL TRANSFER FUNCTION-(CONT)

SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
TELESCOPES

OPTICAL TRANSITION

RT ELECTRON TRANSITIONS
EMISSION SPECTRA
FRANCK-CONDON PRINCIPLE
LASING
LUMINESCENCE
∞ OPTICS

OPTICAL WAVEGUIDES

GS TRANSMISSION LINES
COMMUNICATION CABLES
WAVEGUIDES
OPTICAL WAVEGUIDES
RT INTEGRATED OPTICS
LASER OUTPUTS
LIGHT BEAMS
LIGHT TRANSMISSION
OPTICAL BISTABILITY
∞ OPTICS
PHOTONICS
WAVEGUIDE LASERS

∞ OPTICS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF OPTICAL METHODS
RT ACOUSTO-OPTICS
ADAPTIVE OPTICS
ANGULAR RESOLUTION
ASPHERICITY
ASTIGMATISM
ATMOSPHERIC OPTICS
CASSEGRAIN OPTICS
CAUSTICS (OPTICS)
CRYSTAL OPTICS
DEFOCUSING
DIFFRACTION PATTERNS
DIFFRACTION PROPAGATION
ELECTRO-OPTICAL EFFECT
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRO-OPTICS
ELECTRON OPTICS
FIBER OPTICS
FOCI
FRESNEL LENSES
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
HUYGENS PRINCIPLE
IMAGES
IMAGING TECHNIQUES
INTEGRATED OPTICS
LASER CAVITIES
LASERS
LENS DESIGN
LENSES
LIGHT (VISIBLE RADIATION)
LIGHT AMPLIFIERS
LIGHT EMISSION
LIGHT MODULATION
MAGNETO-OPTICS
MIRRORS
NONLINEAR OPTICS
OPTICAL ACTIVITY
OPTICAL COMMUNICATION
OPTICAL CORRECTION PROCEDURE
OPTICAL COUNTERMEASURES
OPTICAL COUPLING
OPTICAL DATA PROCESSING
OPTICAL DATA STORAGE MATERIALS
OPTICAL DENSITY
OPTICAL DEPOLARIZATION
OPTICAL EMISSION SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL FILTERS
OPTICAL GYROSCOPES
OPTICAL HETERODYNYING
OPTICAL ILLUSION
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL MEMORY (DATA STORAGE)
OPTICAL MICROSCOPES
OPTICAL PATHS
OPTICAL POLARIZATION
OPTICAL PROPERTIES
OPTICAL PUMPING
OPTICAL PYROMETERS
OPTICAL RADAR
OPTICAL RANGE FINDERS
OPTICAL REFLECTION

OPTIMAL CONTROL

OPTICS-(CONT)

OPTICAL RELAY SYSTEMS
OPTICAL RESONANCE
OPTICAL RESONATORS
OPTICAL SATELLITE TRACKING
PROGRAM
OPTICAL SCANNERS
OPTICAL SLANT RANGE
OPTICAL THICKNESS
OPTICAL TRACKING
OPTICAL TRANSFER FUNCTION
OPTICAL TRANSITION
OPTICAL WAVEGUIDES
PARALLAX
PHOTICS
PHOTOELASTIC ANALYSIS
PHYSICAL OPTICS
PREFOCUSING
REFLECTION
RESOLUTION
SCATTER PLATES (OPTICS)
∞ SCIENCE
SNELLS LAW
SPECTROSCOPY
STARLAB
UNDERWATER OPTICS

OPTIMAL CONTROL

UF OPTIMUM CONTROL
GS AUTOMATIC CONTROL
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
OPTIMIZATION
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
RT ADAPTIVE CONTROL
∞ CONTROL
CONTROL SYSTEMS DESIGN
CONTROL THEORY
FEEDBACK CONTROL
FEEDFORWARD CONTROL
INVENTORY CONTROLS
KALMAN-SCHMIDT FILTERING
PARAMETER IDENTIFICATION
TRACKING PROBLEM
TRAJECTORY CONTROL

OPTIMIZATION

UF MINIMIZATION
REDUCTION (MATHEMATICS)
GS OPTIMIZATION
FLIGHT OPTIMIZATION
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
TRAJECTORY OPTIMIZATION
RT ∞ APPLICATIONS OF MATHEMATICS
BELLMAN THEORY
BOLZA PROBLEMS
CONSTRAINTS
CORRELATION
∞ DESIGN
DESIGN ANALYSIS
DIFFERENTIAL CALCULUS
EFFICIENCY
EXTREMUM VALUES
GRADIENTS
HESSIAN MATRICES
KALMAN FILTERS
KALMAN-SCHMIDT FILTERING
LAGRANGE MULTIPLIERS
LEAST SQUARES METHOD
LINEAR PROGRAMMING
MATHEMATICAL PROGRAMMING
MAXIMA
MINIMA
OPERATIONS RESEARCH
PARAMETER IDENTIFICATION
PENALTY FUNCTION
PLANNING
PONTRYAGIN PRINCIPLE
QUALITY CONTROL
RANGE (EXTREMES)
∞ REDUCTION
SCHEDULING
SIMPLEX METHOD
STATIC MODELS
STEEPEST DESCENT METHOD
STOPPING
SYSTEM IDENTIFICATION
TRAJECTORY CONTROL
WIENER FILTERING

OPTIMUM CONTROL

USE OPTIMAL CONTROL

OPTIMUM THRUST PROGRAMMING

USE THRUST PROGRAMMING

OPTIONS

RT ALTERNATIVES
CONTRACTS
SELECTION
SITE SELECTION
SUBCONTRACTS

OPTOGALVANIC SPECTROSCOPY

GS SPECTROSCOPY
ABSORPTION SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
RT FLAME SPECTROSCOPY
FRAUNHOFER LINES
GAS SPECTROSCOPY
INFRARED SPECTROSCOPY
MOLECULAR SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
RAMAN SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
VOLT-AMPERE CHARACTERISTICS

OPTOMETRY

GS OPTICAL MEASUREMENT
OPTOMETRY
RT ANASTIGMATISM
BLINDNESS
EYE (ANATOMY)
HAPLOSOPES
∞ MEASUREMENT
MEDICAL SCIENCE
VISION

OR-GATES

USE GATES (CIRCUITS)

ORAL HYGIENE

GS HYGIENE
ORAL HYGIENE
RT CLEANLINESS
DENTISTRY
HEALTH
PUBLIC HEALTH
TEETH
TOOTH DISEASES

ORATORY

USE PUBLIC SPEAKING

ORBS

UF ORBITING RADIO BEACON IONOSPHERIC
SOUNDER
GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
ORBS
RT ORBS CAL SATELLITE
IONOSPHERIC PROPAGATION
IONOSPHERIC SOUNDING
RADIO BEACONS

ORBS CAL SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GRAVITY GRADIENT SATELLITES
ORBS CAL SATELLITE
SCIENTIFIC SATELLITES
ORBS
RT ORBS CAL SATELLITE
IONOSPHERIC PROPAGATION
IONOSPHERIC SOUNDING
RADIO BEACONS

ORBIT CALCULATION

UF SATELLITE ORBIT CALCULATION
COMPUTATION
GS ORBIT CALCULATION
MINIMUM VARIANCE ORBIT
DETERMINATION
RT FLIGHT MECHANICS
GODDARD TRAJECTORY
DETERMINATION SYSTEM
ORBITAL ELEMENTS
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
QUADRATURES

ORBIT DECAY

RT AERODYNAMIC DRAG
ATMOSPHERIC ENTRY
FLIGHT MECHANICS

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ORBIT DECAY-(CONT)

ORBITAL MECHANICS
SATELLITE LIFETIME

ORBIT EQUATIONS

USE ORBITAL MECHANICS

ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)

UF OME
GS ENGINES
ROCKET ENGINES
MICROROCKET ENGINES
ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
RT AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
ORBITAL MANEUVERS
SPACE SHUTTLES

ORBIT PERTURBATION

UF EVECTION
GS PERTURBATION
ORBIT PERTURBATION
SATELLITE PERTURBATION
RT DRIFT RATE
LONG TERM EFFECTS
LUNAR EFFECTS
ORBITAL ELEMENTS
ORBITAL MECHANICS
PERTURBATION THEORY
SCHACH EFFECT
VINTI THEORY

ORBIT SPECTRUM UTILIZATION

RT COMMUNICATION SATELLITES
FREQUENCY ASSIGNMENT
RADIO RELAY SYSTEMS
SATELLITE ORBITS
SYSTEMS ENGINEERING
TELEVISION SYSTEMS

ORBIT TRANSFER VEHICLES

UF OTV
RT INERTIAL UPPER STAGE
ORBITAL MANEUVERING VEHICLES
ORBITAL SERVICING
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD RETRIEVAL (STS)
SPACE SHUTTLES
SPACE TRANSPORTATION
SPACE TUGS
∞ SPACECRAFT
∞ VEHICLES

ORBITAL ASSEMBLY

UF CONSTRUCTION IN SPACE
SPACECRAFT ORBITAL ASSEMBLY
ASSEMBLING
GS ORBITAL ASSEMBLY
EXPANDABLE STRUCTURES
INFLATABLE SPACECRAFT
SELF ERECTING DEVICES
SPACE ERECTABLE STRUCTURES
SPACE OPERATIONS CENTER (NASA)
SPACECRAFT MODULES
SPACECRAFT STRUCTURES

ORBITAL ELEMENTS

RT ∞ ELEMENTS
ORBIT CALCULATION
ORBIT PERTURBATION
PERTURBATION THEORY
SLATER ORBITALS

ORBITAL FLIGHT TEST 1 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT

ORBITAL FLIGHT TEST 2 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT

ORBITAL FLIGHT TEST 3 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT

ORBITAL FLIGHT TEST 4 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT

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ORBITER PROJECT

ORBITAL FLIGHT TESTS (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM
FLIGHTS

ORBITAL LAUNCHING

SN (LAUNCHING FROM AN
ORBIT--EXCLUDES LAUNCHING INTO
ORBIT FROM GROUND)

GS LAUNCHING
ROCKET LAUNCHING
ORBITAL LAUNCHING

RT INTERPLANETARY TRAJECTORIES
LUNAR LAUNCH
PAYLOAD DELIVERY (STS)
SPACECRAFT LAUNCHING
TRANSFER ORBITS

ORBITAL LIFETIME

RT ATTITUDE CONTROL
EARTH ORBITS

ORBITAL MANEUVERING VEHICLES

RT ORBIT TRANSFER VEHICLES
ORBITAL SERVICING
POWER MODULES (STS)
REMOTELY PILOTED VEHICLES
SATELLITES
∞ SPACECRAFT

ORBITAL MANEUVERS

GS MANEUVERS
SPACECRAFT MANEUVERS
ORBITAL MANEUVERS
RT ORBIT MANEUVERING ENGINE (SPACE
SHUTTLE)
SPACE NAVIGATION
SPACE SHUTTLES

ORBITAL MECHANICS

UF ORBIT EQUATIONS
GS CLASSICAL MECHANICS
SPACE MECHANICS
ORBITAL MECHANICS
KEPLER LAWS
MINIMUM VARIANCE ORBIT
DETERMINATION
RT AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
APSIDES
ASTRODYNAMICS
CELESTIAL MECHANICS
CIRCULAR ORBITS
DRIFT RATE
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON SYSTEM
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
GODDARD TRAJECTORY
DETERMINATION SYSTEM
HANSEN LUNAR THEORY
HILL LUNAR THEORY
HILL METHOD
INTERPLANETARY TRAJECTORIES
INTERPLANETARY TRANSFER ORBITS
LAGRANGIAN EQUILIBRIUM POINTS
LUNAR ORBITAL RENDEZVOUS
LUNAR ORBITS
MANY BODY PROBLEM
∞ MECHANICS (PHYSICS)
MOON-EARTH TRAJECTORIES
ORBIT CALCULATION
ORBIT DECAY
ORBIT PERTURBATION
ORBITS
PARKING ORBITS
PERTURBATION
PLANETARY LANDING
POYNTING-ROBERTSON EFFECT
QUADRATURES
RENDEZVOUS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SATELLITE ORBITS
SATELLITE PERTURBATION
SATELLITES
SPACE NAVIGATION
SPACECRAFT ORBITS
STATIONKEEPING
SWINGBY TECHNIQUE
THRUST PROGRAMMING

ORBITAL MECHANICS-(CONT)

TRAJECTORY ANALYSIS
TRANSEARTH INJECTION
TRANSFER ORBITS
TRANSLUNAR INJECTION
TWENTY-FOUR HOUR ORBITS
TWO BODY PROBLEM

ORBITAL MOTION

USE ORBITS

ORBITAL POSITION ESTIMATION

GS ESTIMATING
ORBITAL POSITION ESTIMATION
RT CELESTIAL SPHERE
GODDARD TRAJECTORY
DETERMINATION SYSTEM
NAVIGATION
ORBIT CALCULATION
∞ ORIENTATION
POSITION (LOCATION)
POSITION ERRORS
∞ RANGE
SATELLITE ORBITS
SPACECRAFT ORBITS
SPACECRAFT POSITION INDICATORS
STATE ESTIMATION

ORBITAL RENDEZVOUS

UF SATELLITE RENDEZVOUS
GS MANEUVERS
ORBITAL RENDEZVOUS
EARTH ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RENDEZVOUS
SPACE RENDEZVOUS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RT ATLAS LAUNCH VEHICLES
MULTIPLE DOCKING ADAPTERS
PAYLOAD RETRIEVAL (STS)
RENDEZVOUS GUIDANCE
RENDEZVOUS SPACECRAFT
RENDEZVOUS TRAJECTORIES
SPACECRAFT DOCKING
SPACECRAFT TRAJECTORIES
TETHERING

ORBITAL SERVICING

RT LARGE SPACE STRUCTURES
MANNED MANEUVERING UNITS
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERING VEHICLES
ORBITAL SPACE STATIONS
PAYLOAD TRANSFER
SPACE OPERATIONS CENTER (NASA)
SPACE PLATFORMS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACE TUGS

ORBITAL SHOTS

RT ∞ SHOT
SPACECRAFT LAUNCHING

ORBITAL SIMULATORS

USE SPACE SIMULATORS

ORBITAL SPACE STATIONS

UF MANNED ORBITAL SPACE STATIONS
MOSS (SPACE STATIONS)
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
SALYUT SPACE STATION
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE OPERATIONS CENTER
(NASA)
SATELLITES
ARTIFICIAL SATELLITES
ORBITAL SPACE STATIONS
EOSS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
HALO ORBIT SPACE STATION

ORBITAL SPACE STATIONS-(CONT)

LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
ORBITING LUNAR STATIONS
SALYUT SPACE STATION
SPACE OPERATIONS CENTER
(NASA)
RT LARGE SPACE STRUCTURES
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
ORBITAL SERVICING
SPACE BASES
SPACE COLONIES
SPACE MECHANICS
SPACE STATIONS
SPACECRAFT DOCKING
STRUCTURAL ANALYSIS
∞ TESTS

ORBITAL SPACE TESTS

RT LARGE SPACE STRUCTURES
SPACE MECHANICS
SPACE STATIONS
STRUCTURAL ANALYSIS
∞ TESTS

ORBITAL TEST SATELLITE (ESA)

USE OTS (ESA)

ORBITAL TRANSFER

USE TRANSFER ORBITS

ORBITAL VELOCITY

GS RATES (PER TIME)
ORBITAL VELOCITY
VELOCITY
ORBITAL VELOCITY
RT ANGULAR VELOCITY
ESCAPE VELOCITY
∞ HYPERVELOCITY
VELOCITY ERRORS

ORBITAL WORKERS

GS PERSONNEL
FLYING PERSONNEL
ASTRONAUTS
ORBITAL WORKERS
RT ASTRONAUT LOCOMOTION
EXTRAVEHICULAR ACTIVITY
SPACE MAINTENANCE
SPACE TOOLS
WORK CAPACITY

ORBITAL WORKSHOPS

GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
ORBITAL WORKSHOPS
SATELLITES
ARTIFICIAL SATELLITES
ORBITAL SPACE STATIONS
ORBITAL WORKSHOPS
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
ORBITAL WORKSHOPS
RT APOLLO EXTENSION SYSTEM
CONTAINERLESS MELTS
MANNED ORBITAL LABORATORIES
SKYLAB PROGRAM
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE PROCESSING

ORBITALS

GS ORBITALS
ELECTRON ORBITALS
MOLECULAR ORBITALS
SLATER ORBITALS
RT JAHN-TELLER EFFECT
ORBITS
SCHWARZSCHILD METRIC

ORBITER PROJECT

GS PROGRAMS
PROJECTS
ORBITER PROJECT
RT LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3

ORBITING ASTRONOMICAL OBSERVATORY

ORBITER PROJECT-(CONT)

LUNAR ORBITER 4
LUNAR ORBITER 5

ORBITING ASTRONOMICAL OBSERVATORY

USE OAO

ORBITING DIPOLES

GS ELECTRIC CHARGE
ELECTRIC DIPOLES
ORBITING DIPOLES
RT COMMUNICATION EQUIPMENT
∞ DIPOLES

ORBITING FROG OTOLITH

GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
ORBITING FROG OTOLITH
RT BIOLOGICAL EFFECTS
BIOMETRICS
BIOTELEMETRY
INSTRUMENT PACKAGES
INTERNATIONAL COOPERATION
ITALIAN SPACE PROGRAM

ORBITING GEOPHYSICAL OBSERVATORY

USE OGO

ORBITING LUNAR STATIONS

GS STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
ORBITING LUNAR STATIONS
RT EOSS
LUNAR SPACECRAFT
∞ SPACECRAFT

ORBITING RADIO BEACON IONOSPHERIC SOUNDER

USE ORBIS

ORBITING SATELLITES

USE ARTIFICIAL SATELLITES

ORBITING SOLAR OBSERVATORY

USE OSO

ORBITRONS

RT ELECTRON CLOUDS
ELECTRON TUBES
IONIZATION GAGES
SPACE CHARGE
VACUUM GAGES

ORBITS

UF ORBITAL MOTION
PERIODIC ORBITS
GS ORBITS
APHELIONS
CIRCULAR ORBITS
STATIONARY ORBITS
EARTH ORBITS
APOGEES
PERIGEEES
ECCENTRIC ORBITS
ELLIPTICAL ORBITS
APOGEES
PERIGEEES
PERIHELIONS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
EQUATORIAL ORBITS
STATIONARY ORBITS
LUNAR ORBITS
PLANETARY ORBITS
SOLAR ORBITS
PERIHELIONS
SPACECRAFT ORBITS
SATELLITE ORBITS
GEOSYNCHRONOUS ORBITS
PARKING ORBITS
POLAR ORBITS
STATIONARY ORBITS
TWENTY-FOUR HOUR ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
TROJAN ORBITS
STELLAR ORBITS
RT AIRBORNE RANGE AND ORBIT
DETERMINATION
APEXES

ORBITS-(CONT)

ARTIFICIAL SATELLITES
ASTRODYNAMICS
CELESTIAL BODIES
CELESTIAL MECHANICS
∞ CONJUNCTION
EARTH-VENUS TRAJECTORIES
EPHEMERIDES
FLIGHT OPTIMIZATION
FLIGHT PATHS
FOUR BODY PROBLEM
GROUND TRACKS
∞ INCLINATION
INTERPLANETARY FLIGHT
LUNAR FLIGHT
MANY BODY PROBLEM
∞ MOTION
ORBITAL MECHANICS
ORBITALS
∞ PATHS
QUADRATURES
ROCHE LIMIT
SATELLITE GROUND TRACKS
SATELLITES
SCHWARZSCHILD METRIC
SPACE FLIGHT
SPACE NAVIGATION
SPACECRAFT GUIDANCE
STATIONKEEPING
SUBORBITAL FLIGHT
THREE BODY PROBLEM
TRAJECTORIES
TWO BODY PROBLEM

ORCHARDS

GS PLANTS (BOTANY)
ORCHARDS
RT AGRICULTURE
BLIGHT
CITRUS TREES
CROP GROWTH
CROP VIGOR
∞ CROPS
CURING
FARM CROPS
∞ FOOD
FROST DAMAGE
FRUITS
IRRIGATION
NUTS (FRUITS)
RURAL LAND USE
SILVICULTURE
TREES (PLANTS)

ORDER-DISORDER TRANSFORMATIONS

RT ATOMIC STRUCTURE
CRYSTAL DEFECTS
CRYSTAL LATTICES
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
HOLES (ELECTRON DEFICIENCIES)
METALLOGRAPHY
MICROSTRUCTURE
MOLECULAR STRUCTURE
PHASE TRANSFORMATIONS
SOLID SOLUTIONS
∞ TRANSFORMATIONS

ORDNANCE

RT AIR TO SURFACE MISSILES
AMMUNITION
ARMOR
BALLISTICS
EXPLOSIVES
GROUND SUPPORT EQUIPMENT
PYROTECHNICS
TANKS (COMBAT VEHICLES)
TRAJECTORIES
WARFARE
WEAPON SYSTEMS
WEAPONS

OREGON

GS NATIONS
UNITED STATES
OREGON
RT CASCADE RANGE (CA-OR WA)
COLUMBIA RIVER BASIN (ID-OR-WA)

ORES

USE MINERALS

ORGAN WEIGHT

GS WEIGHT (MASS)
ORGAN WEIGHT

NASA THESAURUS (VOLUME 1)

ORGANIC ALUMINUM COMPOUNDS

GS ALUMINUM COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
ORGANOMETALLIC COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

ORGANIC BORON COMPOUNDS

GS BORON COMPOUNDS
ORGANIC BORON COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

ORGANIC CHARGE TRANSFER SALTS

GS ORGANIC COMPOUNDS
ORGANIC CHARGE TRANSFER SALTS
RT CHARGE TRANSFER DEVICES
∞ SALTS
SEMICONDUCTORS (MATERIALS)

ORGANIC CHEMISTRY

RT BIOCHEMISTRY
∞ CHEMISTRY
CRACKING (CHEMICAL ENGINEERING)
CYCLIC COMPOUNDS
DIELS-ALDER REACTIONS
HISTOCHEMICAL ANALYSIS
METHOXY SYSTEMS
OPTICAL ACTIVITY
PHYSIOCHEMISTRY

ORGANIC COMPOUNDS

GS ORGANIC COMPOUNDS
AMIDASE
AMINO ACIDS
ALANINE
PHENYLALANINE
ASPARTIC ACID
CYSTEINE
FOLIC ACID
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLYCINE
HIPPUIC ACID
HISTIDINE
LEUCINE
NORLEUCINE
LYSINE
MELANOIDIN
METHIONINE
PAPAIN
PEPTIDES
HYPERTENSIN
POLYPEPTIDES
PROTOPROTEINS
PYRIDINE NUCLEOTIDES
THYROXINE
TRYPTOPHAN
TYROSINE
URIDYLIC ACID
ASPARTATES
CASTOR OIL
CYCLIC COMPOUNDS
CYCLIC AMP
DOPA
FATS
CHOLINE
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC ACIDS
IDOACETIC ACID
LIPOIC ACID
OLEIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
FLUORINE ORGANIC COMPOUNDS
FLUOROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
FLUOROCARBONS
FLUOROHYDROCARBONS
CARBON TETRAFLUORIDE
KEL-F
PERFLUOROALKANE
PERFLUOROQUANIDINE
FURANS
TETRAHYDROFURAN
NUCLEASE
NUCLEOTIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE

ORGANIC COMPOUNDS-(CONT)

ADENOSINE TRIPHOSPHATE
CYCLIC AMP
POLYNUCLEOTIDES
PYRIDINE NUCLEOTIDES
URIDYLIC ACID
ORGANIC CHARGE TRANSFER SALTS
ORGANIC LIQUIDS
ORGANIC SULFUR COMPOUNDS
OXIDASE
PENTANONE
PHOSPHAZENE
POLYNUCLEAR ORGANIC COMPOUNDS
PROPARGYL GROUPS
QUINOLINE
QUINOXALINES
SEROTONIN

RT ACETYL COMPOUNDS
ACIDS
∞ AROMATIC COMPOUNDS
∞ CHEMICAL COMPOUNDS
CHEMICAL EVOLUTION
METABOLITES
METHOXY SYSTEMS
NITROSO COMPOUNDS
ORGANIC WASTES (FUEL CONVERSION)
ORGANOMETALLIC COMPOUNDS
PROSTAGLANDINS
∞ SALTS

ORGANIC COOLANTS

GS COOLANTS
ORGANIC COOLANTS

ORGANIC COOLED REACTORS

UF ORGEL REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
ORGANIC COOLED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS
RT REACTOR DESIGN
REACTOR TECHNOLOGY

ORGANIC FLUORINE COMPOUNDS

USE FLUORINE ORGANIC COMPOUNDS

ORGANIC GERMANIUM COMPOUNDS

GS GERMANIUM COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANOMETALLIC COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

ORGANIC LASERS

GS STIMULATED EMISSION DEVICES
LASERS
ORGANIC LASERS
DYE LASERS
RT CARBON DIOXIDE LASERS
CARBON LASERS
CHEMICAL LASERS
GAS LASERS
INFRARED LASERS
LIQUID LASERS

ORGANIC LIQUIDS

GS LIQUIDS
ORGANIC LIQUIDS
ORGANIC COMPOUNDS
ORGANIC LIQUIDS
RT PYRUVATES
XANTHIC ACIDS

ORGANIC LITHIUM COMPOUNDS

GS LITHIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANOMETALLIC COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

ORGANIC MATERIALS

GS ORGANIC MATERIALS
PEAT
RT BIODEGRADABILITY
CARBONACEOUS MATERIALS
CORK (MATERIALS)
COTTON FIBERS
ELASTOMERS
LINEN
∞ MATERIALS
MOLOS
PAPER (MATERIAL)

ORGANIC MATERIALS-(CONT)

PHASE CHANGE MATERIALS
PLASTICS
∞ POLYMERS
ROSIN
RUBBER
SILK
THERMOCHROMATIC MATERIALS
WOOD
WOOL

ORGANIC MODERATED REACTORS

GS NUCLEAR REACTORS
ORGANIC MODERATED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS

ORGANIC NITRATES

GS ESTERS
ORGANIC NITRATES
CELLULOSE NITRATE
NITROFORMS
HYDRAZINE NITROFORM
NITROGLYCERIN
PETN
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
CELLULOSE NITRATE
NITROFORMS
HYDRAZINE NITROFORM
NITROGLYCERIN
PETN

ORGANIC PEROXIDES

GS CHALCOGENIDES
OXIDES
ANHYDRIDES
PEROXIDES
ORGANIC PEROXIDES
RT AIR POLLUTION
HYDROCARBONS
INORGANIC PEROXIDES

ORGANIC PHOSPHORUS COMPOUNDS

GS PHOSPHORUS COMPOUNDS
ORGANIC PHOSPHORUS COMPOUNDS
PHOSPHONITRILES
URIDYLIC ACID
RT ∞ CHEMICAL COMPOUNDS

ORGANIC SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
ORGANIC SEMICONDUCTORS
RT ∞ CHEMICAL COMPOUNDS
CONDUCTORS
SEMICONDUCTOR DEVICES

ORGANIC SILICON COMPOUNDS

GS SILICON COMPOUNDS
ORGANIC SILICON COMPOUNDS
TRIPHENYL SILICON
RT ∞ CHEMICAL COMPOUNDS

ORGANIC SOLIDS

RT ASTRONOMICAL SPECTROSCOPY
COSMIC DUST
PLANETARY ATMOSPHERES
SOLIDS

ORGANIC SULFUR COMPOUNDS

GS ORGANIC COMPOUNDS
ORGANIC SULFUR COMPOUNDS
SULFUR COMPOUNDS
ORGANIC SULFUR COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

ORGANIC TIN COMPOUNDS

GS ORGANOMETALLIC COMPOUNDS
ORGANIC TIN COMPOUNDS
TIN COMPOUNDS
ORGANIC TIN COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

ORGANIC WASTES (FUEL CONVERSION)

RT ∞ CONVERSION
ENERGY CONVERSION
GARBAGE
HUMAN WASTES
METABOLIC WASTES
ORGANIC COMPOUNDS
RESIDUES
SEWAGE

ORGANIC WASTES (FUEL-(CONT))

SLUDGE
WASTES

ORGANISMS

RT ANIMALS
BIOMASS
CARBON CYCLE
DEEP SCATTERING LAYERS
PHYSIOLOGY
PLANTS (BOTANY)

ORGANIZATIONS

UF ASSOCIATIONS
GS ORGANIZATIONS
EUROPEAN SPACE AGENCY
FEDERATIONS
BUREAUS (ORGANIZATIONS)
ISRO
NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
WORLD METEOROLOGICAL
ORGANIZATION
RT TEAMS
UNITED NATIONS

ORGANIZING

RT PERSONNEL
UNIONIZATION

ORGANOMETALLIC COMPOUNDS

UF METALLORGANIC COMPOUNDS
GS ORGANOMETALLIC COMPOUNDS
ALKYLFERROCENE
CHLOROPHYLLS
FERROCENES
HEMOGLOBIN
CARBOXYHEMOGLOBIN
OXYHEMOGLOBIN
METALLOXANE POLYMER
ORGANIC ALUMINUM COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANIC TIN COMPOUNDS
PORPHINES
RT CHELATES
∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS
METALLOIDS
METALLOSILOXANE POLYMER
ORGANIC COMPOUNDS
SYNTHETIC METALS

ORGANOMETALLIC POLYMERS

RT ∞ POLYMERS

ORGANS

GS ANATOMY
ORGANS
BLADDER
ESOPHAGUS
KIDNEYS
LIVER
LUNGS
OVARIES
PITUITARY GLAND
SPLEEN
STOMACH
TESTES
VISCERA
ORGANS
BLADDER
ESOPHAGUS
KIDNEYS
LIVER
LUNGS
OVARIES
PITUITARY GLAND
SPLEEN
STOMACH
TESTES
RT DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
GLANDS (ANATOMY)
PNEUMOTHORAX
PULMONARY LESIONS

ORGEL REACTOR

USE ORGANIC COOLED REACTORS

ORGUEIL METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES

ORIC CYCLOTRON

ORGUEIL METEORITE-(CONT)

CARBONACEOUS METEORITES
ORGUEIL METEORITE

ORIC CYCLOTRON

USE OAK RIDGE ISOCRONOUS CYCLOTRON

∞ ORIENTATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ALIGNMENT

ATTITUDE (INCLINATION)
AZIMUTH
BEARING (DIRECTION)
BRAGG ANGLE
COLLIMATION
CRYSTALLOGRAPHY
DIRECTIVITY
EDUCATION
FIBER ORIENTATION
FIELD STRENGTH
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
ISOTROPY
OPTICAL PROPERTIES
ORBITAL POSITION ESTIMATION
PLY ORIENTATION
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POSITION (LOCATION)
POSITIONING
SOUND LOCALIZATION
VERTICAL ORIENTATION
VERTICAL PERCEPTION
VISUAL PERCEPTION

ORIFICE FLOW

GS FLUID FLOW
ORIFICE FLOW

RT CRITICAL FLOW

∞ FLOW
GAS FLOW
GRAZING FLOW
LAMINAR FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICES
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

ORIFICES

RT ANNULAR DUCTS
APERTURES
CAVITIES
CHOKES (FUEL SYSTEMS)
CHOKES (RESTRICTIONS)
DUCTS
FLOW MEASUREMENT
FLOWMETERS
GAPS
INJECTORS
∞ NOZZLES
OPENINGS
∞ OPERATIONS
ORIFICE FLOW
PORTS (OPENINGS)
SPRAY NOZZLES
THROATS
VENTURI TUBES

ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD

USE OPEN PROJECT

∞ ORIGINS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT TERMS
LISTED BELOW)*

RT CAUSES
COORDINATES
DERIVATION
GRAPHS (CHARTS)

ORION (RADIO INTERFEROMETRY NETWORK)

RT RADIO INTERFEROMETERS
RADIO RECEIVERS
TRACKING NETWORKS

ORION AIRCRAFT

USE P-3 AIRCRAFT

ORION CONSTELLATION

GS CONSTELLATIONS
ORION CONSTELLATION
RT OPIK THEORY
SIGMA ORIONIS

ORION NEBULA

GS CELESTIAL BODIES
NEBULAE
ORION NEBULA
RT ASTROPHYSICS
CASSIOPEIA A
CRAB NEBULA
GALAXIES
GUM NEBULA
INTERSTELLAR GAS
INTERSTELLAR MATTER
MAGELLANIC CLOUDS
MILKY WAY GALAXY
OPIK THEORY
PLANETARY NEBULAE
STELLAR CORONAS
SUPERNOVAE

ORIONID METEORIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
ORIONID METEORIDS
METEORIDS
ORIONID METEORIDS
RT AQUARID METEORIDS

ORLICZ SPACE

RT SET THEORY

ORNITHOPTER AIRCRAFT

USE RESEARCH AIRCRAFT

ORNSTEIN-UHLENBECK PROCESS

RT ∞ PROCESSES

OROGRAPHIC CLOUDS

USE CAP CLOUDS

OROGRAPHY

GS GEOGRAPHY
OROGRAPHY
GEOLOGY
OROGRAPHY
RT CONES (VOLCANOES)
GEOMORPHOLOGY
ISOSTASY
MARS VOLCANOES
MOUNTAINS
PEAKS (LANDFORMS)
VOLCANOES
VOLCANOLOGY

ORR-SOMMERFELD EQUATIONS

RT ∞ EQUATIONS
FLOW DISTORTION
FLOW STABILITY
FLOW THEORY
QUANTUM MECHANICS
VELOCITY DISTRIBUTION

ORRERIES

USE ASTRONOMICAL MODELS

ORTHICONS

GS ELECTRON TUBES
CAMERA TUBES
ORTHICONS
IMAGE ORTHICONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
ORTHICONS
IMAGE ORTHICONS
RT IMAGE INTENSIFIERS
PHOTOCATHODES
TELEVISION CAMERAS
TELEVISION EQUIPMENT

ORTHO HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
ORTHO HYDROGEN
GASES
HYDROGEN
ORTHO HYDROGEN

NASA THESAURUS (VOLUME 1)

ORTHO PARA CONVERSION

GS ISOMERIZATION
ORTHO PARA CONVERSION
RT ∞ CONVERSION
PARA HYDROGEN

ORTHOGONAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
ORTHOGONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
RT BESSEL FUNCTIONS
EXPONENTIAL FUNCTIONS
FUNCTION SPACE
HANKEL FUNCTIONS
HYPERBOLIC FUNCTIONS
LAGUERRE FUNCTIONS
LEGENDRE FUNCTIONS
LINEAR TRANSFORMATIONS
MATHIEU FUNCTION
ORTHOGONALITY
ORTHONORMAL FUNCTIONS
QUALITY CONTROL

ORTHOGONAL MULTIPLEXING THEORY

RT PULSE COMMUNICATION
SIGNAL TRANSMISSION
∞ THEORIES
WAVE INTERACTION
WAVELENGTH DIVISION MULTIPLEXING

ORTHOGONALITY

UF KRONECKER PRODUCT
GS MOMENTS
DISTRIBUTION MOMENTS
ORTHOGONALITY
RT COVARIANCE
EXPERIMENT DESIGN
FACTOR ANALYSIS
ORTHOGONAL FUNCTIONS
QUALITY CONTROL

ORTHOGRAPHY

GS LANGUAGES
ORTHOGRAPHY
RT HANDWRITING
INTELLIGIBILITY
LINGUISTICS
SEMANTICS
SYNTAX
WORDS (LANGUAGE)

ORTHONORMAL FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
ORTHONORMAL FUNCTIONS
RT ORTHOGONAL FUNCTIONS

ORTHOPEDICS

GS MEDICAL SCIENCE
ORTHOPEDICS

ORTHOGRAPHY

GS PHOTOGRAPHY
ORTHOGRAPHY
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
MAPPING

ORTHOSTATIC TOLERANCE

RT BED REST
BLOOD PRESSURE
HUMAN TOLERANCES
LOWER BODY NEGATIVE PRESSURE
POSTURE
TOLERANCES (PHYSIOLOGY)

ORTHOTROPIC CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
ROCKET ENGINE CASES

ORTHOTROPIC PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ORTHOTROPIC PLATES

ORTHOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
ORTHOTROPIC SHELLS
CYLINDRICAL SHELLS
METAL SHELLS

ORTHOTROPIC SHELLS-(CONT)

REINFORCED SHELLS
SHELL STABILITY
THIN WALLED SHELLS

ORTHOTROPISM

RT PLATES (STRUCTURAL MEMBERS)

OSCILLATING CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
OSCILLATIONS
VIBRATION

OSCILLATING FLOW

GS FLUID FLOW
UNSTEADY FLOW
OSCILLATING FLOW
RT BUFFETING
COMPRESSIBILITY EFFECTS
FLOW DISTORTION
NONEQUILIBRIUM FLOW
SMALL PERTURBATION FLOW
STROUHAL NUMBER

OSCILLATION DAMPERS

RT ∞ ABSORBERS
DAMPERS
MAXWELL BODIES
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
NUTATION DAMPERS
SPRINGS (ELASTIC)
VIBRATION ISOLATORS

OSCILLATIONS

UF PHUGOID OSCILLATIONS
GS **OSCILLATIONS**
ELECTRON OSCILLATIONS
HARMONIC OSCILLATION
HYDROFOIL OSCILLATIONS
MOLECULAR OSCILLATIONS
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
PLASMA OSCILLATIONS
PRESSURE OSCILLATIONS
SELF OSCILLATION
STABLE OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
TRANSIENT OSCILLATIONS
TRANSVERSE OSCILLATION
H WAVES
UNDAMPED OSCILLATIONS
WING OSCILLATIONS
RT AMPLITUDES
BRUNT-VAISALA FREQUENCY
CRYSTAL OSCILLATORS
DAMPING
FEEDBACK
∞ MOTION
NONUNIFORMITY
OSCILLATING CYLINDERS
OSCILLATORS
PENDULUMS
PERIODIC VARIATIONS
PERTURBATION
RESONANCE
RESONANT VIBRATION
∞ RHYTHM
SPACECRAFT MOTION
SPRINGS (ELASTIC)
SYNTONY
TRAVELING WAVE TUBES
VIBRATION
VIBRATION TESTS

OSCILLATOR STRENGTHS

RT ABSORPTION SPECTRA
ABSORPTIVITY
ELECTRON OSCILLATIONS
ELECTRON TRANSITIONS
LINE SPECTRA
MOLECULAR OSCILLATIONS
MOLECULAR OSCILLATORS
OSCILLATORS
SPECTRAL LINE WIDTH

OSCILLATORS

UF PHUGOID OSCILLATIONS
WAVE OSCILLATORS
GS **OSCILLATORS**
AUTODYNES
CRYSTAL OSCILLATORS

OSCILLATORS-(CONT)

HARMONIC OSCILLATORS
MECHANICAL OSCILLATORS
PENDULUMS
GYROSCOPIC PENDULUMS
MOLECULAR OSCILLATORS
RELAXATION OSCILLATORS
PHANTASTRONS
SYNCHRONIZED OSCILLATORS
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
GAS DISCHARGE TUBES
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
HEUTRONS
VOLTAGE CONTROLLED OSCILLATORS

RT

AMPLIFIERS
AUTOMATIC FREQUENCY CONTROL
CAVITY RESONATORS
CIRCUITS
ELECTRON TUBES
FEEDBACK
FEEDBACK AMPLIFIERS
FLIP-FLOPS
FREQUENCY STABILITY
FREQUENCY SYNTHESIZERS
HARMONIC GENERATORS
INVERTERS
∞ MOTION
MULTIVIBRATORS
NEGATIVE FEEDBACK
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
OSCILLATIONS
OSCILLATOR STRENGTHS
PARAMETRONS
PERIODIC VARIATIONS
PERTURBATION
POSITIVE FEEDBACK
RESONANT FREQUENCIES
RESONATORS
SELF EXCITATION
SEMICONDUCTOR DEVICES
SIGNAL GENERATORS
SOLID STATE DEVICES
SUBHARMONIC GENERATORS
TRANSFORMERS
VIBRATION

OSCILLOGRAMS

USE OSCILLOGRAPHS

OSCILLOGRAPHS

UF OSCILLOGRAMS
GS MEASURING INSTRUMENTS
OSCILLOGRAPHS
RECORDING INSTRUMENTS
OSCILLOGRAPHS
RT BARKHAUSEN EFFECT
ELECTRICAL MEASUREMENT
OSCILLOSCOPES
TIME MEASUREMENT

OSCILLOSCOPES

RT CATHODE RAY TUBES
ELECTRONIC EQUIPMENT TESTS
FLYING SPOT SCANNERS
FREQUENCY ANALYZERS
OSCILLOGRAPHS
SWEEP CIRCUITS
SWEEP FREQUENCY
SYNCHROSCOPES
VIDEO EQUIPMENT

OSCULATIONS

USE DOUBLE CUSPS

OSEEN APPROXIMATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
OSEEN APPROXIMATION
RT INCOMPRESSIBLE FLUIDS
NAVIER-STOKES EQUATION
ROSHKO PREDICTION
STOKES FLOW
VISCOUS FLUIDS

OSMIUM

GS CHEMICAL ELEMENTS

OSMIUM-(CONT)

REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES

OSMIUM ALLOYS

GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS
OSMIUM ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
OSMIUM ALLOYS

OSMIUM COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

OSMIUM ISOTOPES

GS CHEMICAL ELEMENTS
REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
OSMIUM
OSMIUM ISOTOPES

OSMOMETERS

GS MEASURING INSTRUMENTS
PRESSURE GAGES
OSMOMETERS

OSMOSIS

UF HYPERTONIA
OSMOTIC PRESSURE
GS **OSMOSIS**
REVERSE OSMOSIS
RT DEMINERALIZING
DESALINIZATION
DIAPHRAGMS (MECHANICS)
DIFFUSION
EXTRACTION
HOMEOSTASIS
ISOTONICITY
MEMBRANES
PERMEATING
PRESSURE
∞ SEPARATION
WATER BALANCE

OSMOTIC PRESSURE

USE OSMOSIS

OSO

UF ORBITING SOLAR OBSERVATORY
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
GEOPHYSICAL OBSERVATORIES
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
SOLAR OBSERVATORIES

OSO-A

oso-(CONT)

OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
RT SUN
THOR DELTA LAUNCH VEHICLE

OSO-A

USE OSO-1

OSO-B

USE OSO-2

OSO-C

UF S-57 SATELLITE
GS OBSERVATORIES
GEOPHYSICAL OBSERVATORIES
OSO
OSO-C
SOLAR OBSERVATORIES
OSO
OSO-C
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-C
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-C
RT DELTA LAUNCH VEHICLE

OSO-D

USE OSO-4

OSO-E

USE OSO-3

OSO-F

USE OSO-5

OSO-G

USE OSO-6

OSO-H

USE OSO-7

OSO-J

USE OSO-8

OSO-1

UF OSO-A
GS S-16 SATELLITE
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-1
GEOPHYSICAL OBSERVATORIES
OSO

OSO-1-(CONT)

OSO-1
SOLAR OBSERVATORIES
OSO
OSO-1
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-1
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-1
RT DELTA LAUNCH VEHICLE
OSO-2
UF OSO-B
GS S-17 SATELLITE
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-2
GEOPHYSICAL OBSERVATORIES
OSO
OSO-2
SOLAR OBSERVATORIES
OSO
OSO-2
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-2
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-2
RT DELTA LAUNCH VEHICLE

OSO-3

UF OSO-E
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-3
GEOPHYSICAL OBSERVATORIES
OSO
OSO-3
SOLAR OBSERVATORIES
OSO
OSO-3
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-3
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-3

OSO-4

UF OSO-D
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-4
GEOPHYSICAL OBSERVATORIES
OSO
OSO-4
SOLAR OBSERVATORIES
OSO
OSO-4
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-4
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-4
RT DELTA LAUNCH VEHICLE

OSO-5

UF OSO-F
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-5

NASA THESAURUS (VOLUME 1)

OSO-5-(CONT)

GEOPHYSICAL OBSERVATORIES
OSO
OSO-5
SOLAR OBSERVATORIES
OSO
OSO-5
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-5
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-5

OSO-6

UF OSO-G
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-6
GEOPHYSICAL OBSERVATORIES
OSO
OSO-6
SOLAR OBSERVATORIES
OSO
OSO-6
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-6
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-6

OSO-7

UF OSO-H
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-7
GEOPHYSICAL OBSERVATORIES
OSO
OSO-7
SOLAR OBSERVATORIES
OSO
OSO-7
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-7
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-7
RT DUAL SPIN SPACECRAFT

OSO-8

UF OSO-J
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OSO
OSO-8
GEOPHYSICAL OBSERVATORIES
OSO
OSO-8
SOLAR OBSERVATORIES
OSO
OSO-8
SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
OSO
OSO-8
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
OSO-8

OSPREY MISSILE

GS MISSILES
OSPREY MISSILE
RT J-85 ENGINE

OSS-1 PAYLOAD

GS PAYLOADS
SPACE SHUTTLE PAYLOADS

OSS-1 PAYLOAD-(CONT)

OSS-1 PAYLOAD
 RT EXPLORATION
 INVESTIGATION
 NASA PROGRAMS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-1 PAYLOAD

SN (OFFICE OF SPACE & TERRESTRIAL
 APPLICATIONS PAYLOADS)
 UF OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
 SPACE SHUTTLE PAYLOADS
OSTA-1 PAYLOAD
 RT SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-2 PAYLOAD

SN (OFFICE OF SPACE & TERRESTRIAL
 APPLICATIONS PAYLOADS)
 UF OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
OSTA-2 PAYLOAD
 RT SPACE TRANSPORTATION SYSTEM
 SPACELAB

OSTEOPOROSIS

GS DISEASES
OSTEOPOROSIS
 RT BONE DEMINERALIZATION
 BONE MINERAL CONTENT
 BONES
 CALCIUM METABOLISM
 METABOLISM

OT-2

USE ESSA 2 SATELLITE

OT-3

USE ESSA 1 SATELLITE

OTF

USE OPTICAL TRANSFER FUNCTION

OTOLARYNGOLOGY

GS MEDICAL SCIENCE
OTOLARYNGOLOGY
 RT EAR

OTOLITH ORGANS

GS ANATOMY
 SENSE ORGANS
 GRAVIRECEPTORS
OTOLITH ORGANS
 RT OCULOGRATIC ILLUSIONS
 VERTICAL PERCEPTION

OTOLOGY

GS MEDICAL SCIENCE
OTOLOGY
 RT EAR

OTS (ESA)

UF ORBITAL TEST SATELLITE (ESA)
 GS ESA SPACECRAFT
 ESA SATELLITES
OTS (ESA)
 SATELLITES
 ARTIFICIAL SATELLITES
 ESA SATELLITES
OTS (ESA)
 RT EUROPEAN COMMUNICATIONS
 SATELLITE
 EUROPEAN SPACE PROGRAMS

OTTO CYCLE

GS CYCLES
 THERMODYNAMIC CYCLES
OTTO CYCLE
 RT RANKINE CYCLE

OTV

USE ORBIT TRANSFER VEHICLES

OUTCROPS

RT FOLDS (GEOLOGY)
 FORMATIONS
 GEOLOGY

OUTER BANKS (NC)

GS LANDFORMS

OUTER BANKS (NC)-(CONT)

BARRIERS (LANDFORMS)
OUTER BANKS (NC)
 RT ATLANTIC OCEAN
 ISLANDS
 NORTH CAROLINA

OUTER PLANET MISSIONS

USE GRAND TOURS

OUTER PLANET SPACECRAFT

USE OUTER PLANETS EXPLORERS

OUTER PLANETS EXPLORERS

UF OUTER PLANET SPACECRAFT
 PLANETARY EXPLORER
 DELTA LAUNCH VEHICLE
 EXPLORER SATELLITES
 FLYBY MISSIONS
 GRAND TOURS
 INTERPLANETARY FLIGHT
 MARS PROBES
 ∞SPACECRAFT
 TOPS (SPACECRAFT)
 VENUS PROBES

OUTER RADIATION BELT

GS EARTH ATMOSPHERE
 RADIATION BELTS
OUTER RADIATION BELT
 PARTICLES
 CHARGED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
OUTER RADIATION BELT
 TRAPPED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
OUTER RADIATION BELT
 RT ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 PROTON BELTS
 ∞RADIATION

OUTER SPACE TREATY

GS FOREIGN POLICY
 INTERNATIONAL RELATIONS
 INTERNATIONAL COOPERATION
OUTER SPACE TREATY
 RT CONVENTIONS
 INTERNATIONAL LAW
 RESEARCH AND DEVELOPMENT
 RESOURCE ALLOCATION
 SPACE LAW

OUTGASSING

RT DEGASSING
 DESORPTION
 EVOLUTION (LIBERATION)
 GAS EVOLUTION
 PURGING
 RESIDUAL GAS
 TRANSPIRATION
 VACUUM
 VACUUM PUMPS

OUTLET FLOW

GS FLUID FLOW
OUTLET FLOW
 RT CASCADE FLOW
 CHANNEL FLOW
 ∞FLOW
 FLOW CHARACTERISTICS
 NOZZLE FLOW

OUTLETS

GS **OUTLETS**
 VENTS
 APERTURES
 CAVITIES
 ∞DISCHARGE
 DOORS
 DUCTS
 EGRESS
 EXHAUST NOZZLES
 EXHAUST SYSTEMS
 GATES (OPENINGS)
 ∞NOZZLES
 OPENINGS
 OUTPUT
 PIPE NOZZLES
 PLUGS
 PORTS (OPENINGS)
 ∞TERMINALS

OUTLETS (GEOLOGY)

USE ESTUARIES

OUTLIERS (LANDFORMS)

UF KLIPPEN
 GS LANDFORMS
OUTLIERS (LANDFORMS)
 RT FORMATIONS
 ROCKS
 SOIL EROSION

OUTLIERS (STATISTICS)

RT MATHEMATICAL MODELS
 PROBABILITY THEORY
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS

OUTPUT

UF DUMMY LOADS
 GS **OUTPUT**
 LASER OUTPUTS
 MASER OUTPUTS
 RT ∞CAPACITY
 CATCHERS
 COMPUTER SYSTEMS PERFORMANCE
 DELIVERY
 EFFLUX
 INPUT
 OUTLETS
 ∞PERFORMANCE
 POWER CONDITIONING
 PRINTOUTS
 ∞PRODUCTION
 PRODUCTS
 READOUT
 SUPPLYING
 TRACKING PROBLEM
 TRANSFER FUNCTIONS
 TRANSMISSION
 YIELD

OV-1 AIRCRAFT

UF AO-1 AIRCRAFT
 GRUMMAN OV-1C AIRCRAFT
 MOHAWK AIRCRAFT
 GS GRUMMAN AIRCRAFT
OV-1 AIRCRAFT
 JET AIRCRAFT
 TURBOPROP AIRCRAFT
OV-1 AIRCRAFT
 MONOPLANES
OV-1 AIRCRAFT
 OBSERVATION AIRCRAFT
OV-1 AIRCRAFT
 RT ∞AIRCRAFT

OV-1 SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
OV-1 SATELLITES
 RT GRAVITY GRADIENT SATELLITES
 SPIN STABILIZATION

OV-2 SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
OV-2 SATELLITES
 RT GRAVITY GRADIENT SATELLITES
 SPIN STABILIZATION

OV-3 SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
OV-3 SATELLITES
 RT GRAVITY GRADIENT SATELLITES
 SPIN STABILIZATION

OV-4 SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
OV-4 SATELLITES
 RT GRAVITY GRADIENT SATELLITES
 SPIN STABILIZATION

OV-5 SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
OV-5 SATELLITES

OV-10 AIRCRAFT**OV-5 SATELLITES-(CONT)**

RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-10 AIRCRAFT

UF NA-300 AIRCRAFT
GS ATTACK AIRCRAFT
OV-10 AIRCRAFT
COIN AIRCRAFT
OV-10 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
OV-10 AIRCRAFT
MONOPLANES
OV-10 AIRCRAFT
NORTH AMERICAN AIRCRAFT
OV-10 AIRCRAFT
OBSERVATION AIRCRAFT
OV-10 AIRCRAFT
RECONNAISSANCE AIRCRAFT
OV-10 AIRCRAFT
RT ∞ AIRCRAFT

OVARIES

GS ANATOMY
GENITOURINARY SYSTEM
OVARIES
GLANDS (ANATOMY)
ENDOCRINE GLANDS
OVARIES
SEX GLANDS
OVARIES
ORGANS
OVARIES
REPRODUCTIVE SYSTEMS
OVARIES
VISCERA
ENDOCRINE GLANDS
OVARIES
ORGANS
OVARIES
SEX GLANDS
OVARIES
RT EGGS
MENSTRUATION
∞ REPRODUCTION

OVS

GS HEATING EQUIPMENT
OVS
RT BAKING
DRY HEAT
FURNACES
WASTE ENERGY UTILIZATION

OVER-THE-HORIZON RADAR

GS RADAR
SEARCH RADAR
OVER-THE-HORIZON RADAR
RT EARLY WARNING SYSTEMS
MOVING TARGET INDICATORS
OPTICAL RADAR
RADAR DETECTION
RADAR RANGE

OVERCAST

USE CLOUD COVER

OVERCOMPRESSION

USE OVERCONSOLIDATION

OVERCONSOLIDATION

UF OVERCOMPRESSION
RT CONSOLIDATION
FOUNDATIONS

OVERHAUSER EFFECT

RT ∞ EFFECTS
MAGNETIC RESONANCE
NUCLEAR SPIN
∞ POLARIZATION
RESONANCE

OVERPRESSURE

GS PRESSURE
OVERPRESSURE
RT BLAST LOADS
DYNAMIC PRESSURE

OVERTONES

USE HARMONICS

OVERVOLTAGE

RT CIRCUIT PROTECTION

OVERVOLTAGE-(CONT)

DECOMPOSITION
ELECTRIC POTENTIAL
GEIGER COUNTERS
OPEN CIRCUIT VOLTAGE
POLARIZATION (CHARGE SEPARATION)
SURGES

OXALATES

GS OXALATES
COBALT OXALATES
RT OXALIC ACID
∞ OXYGEN COMPOUNDS

OXALIC ACID

GS ALIPHATIC COMPOUNDS
OXALIC ACID
RT OXALATES

OXAMIC ACIDS

GS ALIPHATIC COMPOUNDS
OXAMIC ACIDS
NITROGEN COMPOUNDS
AMIDES
OXAMIC ACIDS

OXAZOLE

GS HETEROCYCLIC COMPOUNDS
AZOLES
OXAZOLE

OXIDASE

GS ACIDS
OXIDASE
ENZYMES
OXIDASE
ORGANIC COMPOUNDS
OXIDASE
PROTEINS
OXIDASE

OXIDATION

GS CHEMICAL REACTIONS
OXIDATION
ELECTROCHEMICAL OXIDATION
PHOTOOXIDATION
RUSTING
RT ASSOCIATION REACTIONS
CHARRING
CHEMICAL ATTACK
COMBUSTION
CORROSION
DEGRADATION
DEHYDROGENATION
DOPA
ELECTRON TRANSFER
EPOXIDATION
EROSIVE BURNING
FUEL COMBUSTION
HOT CORROSION
HYDROCARBON COMBUSTION
METAL COMBUSTION
OXIDIZERS
OXYGENATION
PASSIVITY
REDUCTION (CHEMISTRY)
ROASTING
THERMAL RESISTANCE

OXIDATION RESISTANCE

GS CORROSION RESISTANCE
OXIDATION RESISTANCE
RT PASSIVITY
∞ RESISTANCE
RUSTING
SILICONIZING
THERMAL RESISTANCE

OXIDATION-REDUCTION REACTIONS

GS CHEMICAL REACTIONS
OXIDATION-REDUCTION REACTIONS
RT ELECTROCHEMISTRY
REDUCTION (CHEMISTRY)

OXIDE FILMS

RT CATHODIC COATINGS
∞ FILMS
METAL OXIDES
METAL SURFACES
SURFACE LAYERS
THIN FILMS

OXIDES

GS CHALCOGENIDES

NASA THESAURUS (VOLUME 1)**OXIDES-(CONT)****OXIDES**

ANHYDRIDES
PEROXIDES
INORGANIC PEROXIDES
ORGANIC PEROXIDES
SODIUM PEROXIDES
BORON OXIDES
BRUCITE
CARBON MONOXIDE
CARBON SUBOXIDES
CHLORINE OXIDES
DIOXIDES
CARBON DIOXIDE
FLINT
HYDROGEN PEROXIDE
SILICON DIOXIDE
QUARTZ
COESITE
SULFUR DIOXIDES
GERMANIUM OXIDES
HEAVY WATER
METAL OXIDES
ALKALINE EARTH OXIDES
BARIUM OXIDES
BERYLLIUM OXIDES
CALCIUM OXIDES
MAGNESIUM OXIDES
PERICLASE
ALUMINUM OXIDES
SAPPHIRE
BISMUTH OXIDES
CESIUM OXIDES
CHROMIUM OXIDES
CHROMITES
COBALT OXIDES
COPPER OXIDES
HAFNIUM OXIDES
IRON OXIDES
CHROMITES
HEMATITE
ILMENITE
MAGNETITE
LANTHANUM OXIDES
LEAD OXIDES
LITHIUM OXIDES
MANGANESE OXIDES
HOPCALITE (TRADEMARK)
MERCURY OXIDES
MIXED OXIDES
MOLYBDENUM OXIDES
NICKEL OXIDES
NIOBIUM OXIDES
PLATINUM OXIDES
PLUTONIUM OXIDES
POTASSIUM OXIDES
SCANDIUM OXIDES
SILVER OXIDES
SODIUM PEROXIDES
TANTALUM OXIDES
THORIUM OXIDES
TIN OXIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
TUNGSTEN OXIDES
SCHEELITE
URANIUM OXIDES
VANADIUM OXIDES
YTTRIUM OXIDES
ZINC OXIDES
ZIRCONIUM OXIDES
NITROGEN OXIDES
NITRIC OXIDE
NITROGEN DIOXIDE
NITROGEN TETROXIDE
NITROUS OXIDES
PHOSPHORUS OXIDES
PYROXENES
ENSTATITE
SELENIUM OXIDES
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
SPODUMENE
SULFUR OXIDES
SULFUR DIOXIDES
RT ANODIC COATINGS
CATHODIC COATINGS
EUXENITE
INSULATION
METAL COATINGS

OXIDES-(CONT)

NIOBATES
NONFLAMMABLE MATERIALS
∞ OXYGEN COMPOUNDS
WATER

OXIDIZERSGS **OXIDIZERS**

HIGH ENERGY OXIDIZERS
LIQUID OXIDIZERS
LIQUID OXYGEN
PHOTOCHEMICAL OXIDANTS
ROCKET OXIDIZERS
FLOX
TAGN

RT

∞ AGENTS
AIR POLLUTION
FLUORINE
FUELS
NITRAMINE PROPELLANTS
OXIDATION

OXIMETRY

RT BIOCHEMICAL OXYGEN DEMAND
BLOOD
HYPEROXIA
HYPOXIA
OXYGEN CONSUMPTION

OXYACETYLENE

GS ALIPHATIC COMPOUNDS

ALKYNES
OXYACETYLENE
HYDROCARBONS
ALKYNES

RT

OXYACETYLENE
ACETYLENE
DETONABLE GAS MIXTURES
∞ OXYGEN COMPOUNDS

OXYALKYLATION

USE ALKYLATION

OXYFLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
OXYFLUORIDES
HALIDES
FLUORIDES

RT

OXYFLUORIDES
∞ OXYGEN COMPOUNDS

OXYGEN

GS CHEMICAL ELEMENTS

OXYGEN
OXYGEN ATOMS
OXYGEN IONS
OXYGEN ISOTOPES
OXYGEN 17
OXYGEN 18
OXYGEN PLASMA

GASES

OXYGEN
HIGH PRESSURE OXYGEN
LIQUID OXYGEN
OXYGEN ATOMS
OXYGEN IONS
OXYGEN ISOTOPES
OXYGEN 18
OXYGEN PLASMA
OZONE
OZONATES
OZONIDES

RT

REACTION BONDING
SCHUMANN-RUNGE BANDS
SIALON

OXYGEN AFTERGLOW

GS AFTERGLOWS
OXYGEN AFTERGLOW

OXYGEN ANALYZERS

UF OXYGEN DETECTORS
GS MEASURING INSTRUMENTS
OXYGEN ANALYZERS
RT GAS ANALYSIS

OXYGEN ATOMS

GS ATOMS
OXYGEN ATOMS
CHEMICAL ELEMENTS
OXYGEN
OXYGEN ATOMS

OXYGEN ATOMS-(CONT)

GASES
OXYGEN
OXYGEN ATOMS

OXYGEN BREATHING

RT ∞ BREATHING

∞ **OXYGEN COMPOUNDS**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT

ACIDS
ALUMINATES
ARSENATES
BORATES
BROMATES
CARBOHYDRATES
CARBON SUBOXIDES
CARBONATES
∞ CHEMICAL COMPOUNDS
CHLORATES
CHROMATES
GERMANIUM OXIDES
NIOBATES
OXALATES
OXIDES
OXYACETYLENE
OXYFLUORIDES
OXYGEN FLUORIDES
OZONATES
OZONE FLUORIDE
OZONIDES
STANNATES

OXYGEN CONSUMPTION

GS CONSUMPTION
OXYGEN CONSUMPTION
RT BIOCHEMICAL OXYGEN DEMAND
HYPEROXIA
HYPOXIA
METABOLISM
OXIMETRY

OXYGEN DEFICIENCY

USE HYPOXIA

OXYGEN DETECTORS

USE OXYGEN ANALYZERS

OXYGEN FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
OXYGEN FLUORIDES
HALIDES
FLUORIDES
OXYGEN FLUORIDES
RT ∞ OXYGEN COMPOUNDS

OXYGEN IONS

GS CHEMICAL ELEMENTS
OXYGEN
OXYGEN IONS
GASES
OXYGEN
OXYGEN IONS
IONS
OXYGEN IONS
RT FREE RADICALS
NEGATIVE IONS

OXYGEN ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
OXYGEN ISOTOPES
OXYGEN 18
OXYGEN
OXYGEN ISOTOPES
OXYGEN 17
OXYGEN 18
GASES
OXYGEN
OXYGEN ISOTOPES
OXYGEN 18

OXYGEN MASKS

GS BREATHING APPARATUS
OXYGEN MASKS
MASKS
OXYGEN MASKS
OXYGEN SUPPLY EQUIPMENT
OXYGEN MASKS

OXYGEN MASKS-(CONT)

RT HIGH ALTITUDE BREATHING
LIFE SUPPORT SYSTEMS
PORTABLE LIFE SUPPORT SYSTEMS

OXYGEN METABOLISM

GS METABOLISM
OXYGEN METABOLISM
RT HYDROGEN METABOLISM
RESPIRATION

OXYGEN PLASMA

GS CHEMICAL ELEMENTS
OXYGEN
OXYGEN PLASMA
GASES
OXYGEN
OXYGEN PLASMA
RT ARGON PLASMA
HELIUM PLASMA
HYDROGEN PLASMA

OXYGEN PRODUCTION

RT CLOSED ECOLOGICAL SYSTEMS
GAS EXCHANGE

OXYGEN RECOMBINATION

GS CHEMICAL REACTIONS
ATOMIC RECOMBINATION
OXYGEN RECOMBINATION
RECOMBINATION REACTIONS
ATOMIC RECOMBINATION
OXYGEN RECOMBINATION
RT IONIZATION

OXYGEN REGULATORS

GS REGULATORS
OXYGEN REGULATORS
RT FLOW REGULATORS
PRESSURE REGULATORS

OXYGEN SPECTRA

GS SPECTRA
OXYGEN SPECTRA
RT AIRGLOW
HERZBERG BANDS
MOLECULAR SPECTRA
SOLAR SPECTRA

OXYGEN SUPPLY EQUIPMENT

UF OXYGEN SYSTEMS
GS **OXYGEN SUPPLY EQUIPMENT**
OXYGEN MASKS
RT AEPS
AIR CONDITIONING EQUIPMENT
BREATHING APPARATUS
CABIN ATMOSPHERES
COMPRESSED AIR
CONTROLLED ATMOSPHERES
EMERGENCY LIFE SUSTAINING
SYSTEMS
LIFE SUPPORT SYSTEMS
PRESSURIZED CABINS
SURVIVAL EQUIPMENT

OXYGEN SYSTEMS

USE OXYGEN SUPPLY EQUIPMENT

OXYGEN TENSION

GS PRESSURE
PARTIAL PRESSURE
OXYGEN TENSION
HYPOXEMIA

OXYGEN TOXICITY

USE HYPEROXIA

OXYGEN 17

GS CHEMICAL ELEMENTS
OXYGEN
OXYGEN ISOTOPES
OXYGEN 17

OXYGEN 18

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
OXYGEN ISOTOPES
OXYGEN 18
OXYGEN
OXYGEN ISOTOPES
OXYGEN 18
GASES
OXYGEN

OXYGENATION

OXYGEN 18-(CONT)
OXYGEN ISOTOPES
OXYGEN 18

OXYGENATION
GS CHEMICAL REACTIONS
OXYGENATION
RT AERATION
DISSOLVED GASES
OXIDATION

OXYHALIDES
GS HALOGEN COMPOUNDS
HALIDES
OXYHALIDES

OXYHEMOGLOBIN
GS CELLS (BIOLOGY)
HEMOGLOBIN
OXYHEMOGLOBIN
ORGANOMETALLIC COMPOUNDS
HEMOGLOBIN
OXYHEMOGLOBIN
PROTEINS
OXYHEMOGLOBIN
RT ERYTHROCYTES

OXYNITRIDES
GS NITROGEN COMPOUNDS
NITRIDES
OXYNITRIDES
RT ∞CHEMICAL COMPOUNDS
∞GROUP 5A COMPOUNDS

OZONATES
GS GASES
OXYGEN
OZONE
OZONATES
RT ∞OXYGEN COMPOUNDS

OZONE
GS GASES
OXYGEN
OZONE
OZONATES
OZONIDES
RT HALOGEN OCCULTATION EXPERIMENT
OZONE FLUORIDE
OZONOMETRY
PHOTOCHEMICAL OXIDANTS
SAGE SATELLITE
SOLAR MESOSPHERE EXPLORER

OZONE FLUORIDE
GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
OZONE FLUORIDE
HALIDES
FLUORIDES
OZONE FLUORIDE
RT ∞OXYGEN COMPOUNDS
OZONE

OZONIDES
GS GASES
OXYGEN
OZONE
OZONIDES
RT ∞OXYGEN COMPOUNDS

OZONOMETRY
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
GAS ANALYSIS
OZONOMETRY
RT OZONE

OZONOSPHERE
GS EARTH ATMOSPHERE
LOWER ATMOSPHERE
OZONOSPHERE
RT CHEMOSPHERE
HOMOSPHERE
UMKEHR EFFECT
UPPER ATMOSPHERE

P

P BAND
GS FREQUENCIES
RADIO FREQUENCIES
MICROWAVE FREQUENCIES
P BAND
ULTRAHIGH FREQUENCIES
P BAND
VERY HIGH FREQUENCIES
P BAND

P WAVES
GS ELASTIC WAVES
P WAVES
RT COMPRESSIBLE FLUIDS
COMPRESSION WAVES
CRUSTAL FRACTURES
DILATATIONAL WAVES
S WAVES
SEISMIC WAVES
SURFACE WAVES

P A C M TELEMETRY
SN (PULSE AMPLITUDE CODE MODULATION)
GS TELECOMMUNICATION
TELEMETRY
P A C M TELEMETRY
RT AMPLITUDE MODULATION
COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE
MODULATION
MODULATION
PULSE AMPLITUDE MODULATION
PULSE CODE MODULATION

P-I-N DIODES
USE DIODES
P-I-N JUNCTIONS

P-I-N JUNCTIONS
UF P-I-N DIODES
GS SEMICONDUCTOR JUNCTIONS
P-I-N JUNCTIONS

P-N JUNCTIONS
UF N-P JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
P-N JUNCTIONS
RT SIS (SEMICONDUCTORS)

P-N-P JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
P-N-P JUNCTIONS

P-N-P-N JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
P-N-P-N JUNCTIONS
RT ∞JUNCTIONS
LATCH-UP
THYRISTORS

P-TYPE SEMICONDUCTORS
GS SEMICONDUCTORS (MATERIALS)
P-TYPE SEMICONDUCTORS
RT HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTOR JUNCTIONS

P-1 ENGINE
GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
P-1 ENGINE
SOLID PROPELLANT ROCKET
ENGINES
P-1 ENGINE

P-3 AIRCRAFT
UF ORION AIRCRAFT
P3V AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
P-3 AIRCRAFT
JET AIRCRAFT
P-3 AIRCRAFT
LOCKHEED AIRCRAFT
P-3 AIRCRAFT
MONOPLANES
P-3 AIRCRAFT
RT ∞AIRCRAFT
TURBOPROP ENGINES

P-51 AIRCRAFT
UF MUSTANG AIRCRAFT
GS ATTACK AIRCRAFT

NASA THESAURUS (VOLUME 1)

P-51 AIRCRAFT-(CONT)
FIGHTER AIRCRAFT
P-51 AIRCRAFT
MONOPLANES
P-51 AIRCRAFT
NORTH AMERICAN AIRCRAFT
P-51 AIRCRAFT
RT ∞AIRCRAFT

P-84 AIRCRAFT
USE JET PROVOST AIRCRAFT

P-160 AIRCRAFT
UF ME P-160 AIRCRAFT
MESSERSCHMITT ME P-160 AIRCRAFT
GS COMMERCIAL AIRCRAFT
P-160 AIRCRAFT
PASSENGER AIRCRAFT
P-160 AIRCRAFT
RT ∞AIRCRAFT

P-166 AIRCRAFT
UF PIAGGIO P-166 AIRCRAFT
GS LIGHT AIRCRAFT
P-166 AIRCRAFT
MONOPLANES
P-166 AIRCRAFT
PASSENGER AIRCRAFT
P-166 AIRCRAFT
PIAGGIO AIRCRAFT
P-166 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
P-166 AIRCRAFT
RT ∞AIRCRAFT

P-308 AIRCRAFT
UF ME P-308 AIRCRAFT
MESSERSCHMITT ME P-308 AIRCRAFT
GS ATTACK AIRCRAFT
P-308 AIRCRAFT
JET AIRCRAFT
P-308 AIRCRAFT
MONOPLANES
P-308 AIRCRAFT
RT ∞AIRCRAFT

P-531 HELICOPTER
UF SCOUT HELICOPTER
WESTLAND P-531 HELICOPTER
GS UTILITY AIRCRAFT
P-531 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
P-531 HELICOPTER
WESTLAND AIRCRAFT
P-531 HELICOPTER
RT ANTISUBMARINE WARFARE AIRCRAFT
PASSENGER AIRCRAFT

P-1052 AIRCRAFT
UF HAWKER P-1052 AIRCRAFT
GS HAWKER SIDDELEY AIRCRAFT
P-1052 AIRCRAFT
JET AIRCRAFT
P-1052 AIRCRAFT
MONOPLANES
P-1052 AIRCRAFT
RESEARCH AIRCRAFT
P-1052 AIRCRAFT
RT ∞AIRCRAFT

P-1127 AIRCRAFT
UF HAWKER P-1127 AIRCRAFT
KESTREL AIRCRAFT
VZ-12 AIRCRAFT
XV-6A AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
P-1127 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
P-1127 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
P-1127 AIRCRAFT
MONOPLANES
P-1127 AIRCRAFT
OBSERVATION AIRCRAFT
P-1127 AIRCRAFT
RECONNAISSANCE AIRCRAFT
P-1127 AIRCRAFT
V/STOL AIRCRAFT
P-1127 AIRCRAFT
RT ∞AIRCRAFT

NASA THESAURUS (VOLUME 1)

PALAPA B SATELLITE

P-1127 AIRCRAFT-(CONT)

BRISTOL-SIDDELEY BS 53 ENGINE
HARRIER AIRCRAFT
TURBOFAN ENGINES

P-1154 AIRCRAFT

UF HAWKER P-1154 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
P-1154 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
P-1154 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
P-1154 AIRCRAFT
MONOPLANES
P-1154 AIRCRAFT
OBSERVATION AIRCRAFT
P-1154 AIRCRAFT
RECONNAISSANCE AIRCRAFT
P-1154 AIRCRAFT
SUPERSONIC AIRCRAFT
P-1154 AIRCRAFT
V/STOL AIRCRAFT
P-1154 AIRCRAFT
RT ∞ AIRCRAFT
TURBOFAN ENGINES

PA-34 SENECA AIRCRAFT

UF SENECA AIRCRAFT
GS LIGHT AIRCRAFT
PIPER AIRCRAFT
PA-34 SENECA AIRCRAFT
RT ∞ AIRCRAFT
ATLIT PROJECT
GAW-1 AIRFOIL
GENERAL DYNAMICS AIRCRAFT

PACE

USE PHYSICS AND CHEMISTRY EXPERIMENT
IN SPACE

PACIFIC ISLANDS

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
GUAM
JAPAN
JOHNSTON ISLAND
KURILE ISLANDS
NEW GUINEA (ISLAND)
NEW ZEALAND
PHILIPPINES
SAMOA

PACIFIC NORTHWEST (US)

GS REGIONS
PACIFIC NORTHWEST (US)
RT CANADA
UNITED STATES

PACIFIC OCEAN

GS OCEANS
PACIFIC OCEAN
RT BERING SEA
COASTAL RANGES (CA)
EL NINO
GULF OF ALASKA
GULF OF CALIFORNIA (MEXICO)
INDONESIA
MONTEREY BAY (CA)
SALTON SEA (CA)
SAN FRANCISCO BAY (CA)
SEA OF OKHOTSK
SOUTHERN CALIFORNIA

PACKAGES

GS PACKAGES
APOLLO LUNAR SURFACE
EXPERIMENTS PACKAGE
INSTRUMENT PACKAGES
EASEP
EREP
RT BAGS
BOXES (CONTAINERS)
BUNDLES
CARTRIDGES
CASES (CONTAINERS)
∞ CONTAINERS
∞ INSTRUMENTS
PACKAGING

PACKAGING

GS PACKAGING
ELECTRONIC PACKAGING

PACKAGING-(CONT)

RT ∞ CONTAINERS
CORROSION PREVENTION
ENCAPSULATING
ENCLOSURE
HAULING
HOPPERS
INHIBITORS
MARKING
MATERIALS HANDLING
PACKAGES
∞ PACKING
PRESERVING
SEALERS
SPIRAL WRAPPING
∞ STORAGE
TRANSPORTATION
VERMICULITE
WEATHERPROOFING
∞ WRAP

PACKET SWITCHING

GS SWITCHING
PACKET TRANSMISSION
PACKET SWITCHING
RT BEAM SWITCHING
COMMUNICATION NETWORKS
DATA TRANSMISSION
INTERRUPTION
MICROWAVE SWITCHING
MULTIPLE ACCESS
NETWORK CONTROL
PACKETS (COMMUNICATION)
PROTOCOL (COMPUTERS)
RADIO TRANSMISSION
SEQUENCING
SIGNAL TRANSMISSION
SWITCHING CIRCUITS
SWITCHING THEORY
TELECOMMUNICATION
TIME DIVISION MULTIPLE ACCESS

PACKET TRANSMISSION

GS SWITCHING
PACKET TRANSMISSION
PACKET SWITCHING
RT ALOHA SYSTEM
CHANNEL CAPACITY
DATA TRANSMISSION
MESSAGE PROCESSING
PACKETS (COMMUNICATION)
SPACECRAFT COMMUNICATION
TRANSMISSION EFFICIENCY

PACKETS (COMMUNICATION)

RT ALOHA SYSTEM
COMMUNICATION NETWORKS
DATA TRANSMISSION
PACKET SWITCHING
PACKET TRANSMISSION
TRANSMISSION EFFICIENCY
WAVE PACKETS

∞ PACKING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT PACKAGING
PACKING DENSITY
PACKINGS (SEALS)
SEALING

PACKING DENSITY

GS DENSITY (NUMBER/VOLUME)
PACKING DENSITY
RT BRAVAIS CRYSTALS
CRYSTAL STRUCTURE
CRYSTALS
∞ PACKING
VOID RATIO

PACKINGS (SEALS)

GS SEALS (STOPPERS)
PACKINGS (SEALS)
RT BEARINGS
GLANDS (SEALS)
LABYRINTH SEALS
∞ PACKING
PUMPS
SEALERS
SEALING
SHAFTS (MACHINE ELEMENTS)
VALVES

∞ PAD

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CUSHIONS
FOUNDATIONS
LAUNCHING PADS

PADDLES

RT FOLDING STRUCTURES
MIXERS
SOLAR GENERATORS
TURBOMACHINE BLADES

PADE APPROXIMATION

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
PADE APPROXIMATION
NUMERICAL ANALYSIS
APPROXIMATION
PADE APPROXIMATION
REAL VARIABLES
SERIES (MATHEMATICS)
PADE APPROXIMATION

PAGEOS SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
PAGEOS SATELLITE
PASSIVE SATELLITES
PAGEOS SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
PAGEOS SATELLITE
PASSIVE SATELLITES
PAGEOS SATELLITE
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE

PAIN

GS PERCEPTION
SENSORY PERCEPTION
PAIN
RT ANALGESIA

PAIN SENSITIVITY

GS PERCEPTION
SENSORY PERCEPTION
PAIN SENSITIVITY
SENSITIVITY
PAIN SENSITIVITY

PAINTS

GS COATINGS
PAINTS
RT FILLERS
FINISHES
METAL COATINGS
PIGMENTS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
RUBBER COATINGS
SEALERS
SPRAYED COATINGS
TURPENTINE
VARNISHES

PAIR PRODUCTION

GS PARTICLE PRODUCTION
PAIR PRODUCTION
RT ELECTROMAGNETIC ABSORPTION
ELECTRON EMISSION
ELECTRON PHOTON CASCADES
EMISSION
HIGH ENERGY INTERACTIONS
NUCLEAR REACTIONS
PHOTOPRODUCTION
POSITRON ANNIHILATION
POSITRONS

PAKISTAN

GS NATIONS
PAKISTAN
RT ASIA
BANGLADESH
HIMALAYAS

PALAPA B SATELLITE

USE PALAPA 2 SATELLITE

PALAPA SATELLITES

PALAPA SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 PALAPA SATELLITES
 PALAPA 2 SATELLITE
 RT INDONESIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION

PALAPA 2 SATELLITE
 UF PALAPA B SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 PALAPA SATELLITES
 PALAPA 2 SATELLITE
 RT INDONESIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION

PALEOBIOLOGY
 RT ∞ BIOLOGY
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 PALEONTOLOGY

PALEOMAGNETISM
 GS MAGNETIC FIELDS
 PALEOMAGNETISM
 MAGNETIC PROPERTIES
 RT **PALEOMAGNETISM**
 ARCHAEOLOGY
 CONES (VOLCANOES)
 CONTINENTAL DRIFT
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 MARS VOLCANOES
 REMANENCE
 ROCKS
 VOLCANOES
 VOLCANOLOGY

PALEONTOLOGY
 RT FORMATIONS
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 GEOLOGICAL SURVEYS
 GEOLOGY
 HISTORIES
 PALEOBIOLOGY
 PRECAMBRIAN PERIOD
 STRATIGRAPHY

PALLADIUM
 GS CHEMICAL ELEMENTS
 PALLADIUM
 METALS
 TRANSITION METALS
 PALLADIUM

PALLADIUM ALLOYS
 GS ALLOYS
 PALLADIUM ALLOYS

PALLADIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 METALS
 TRANSITION METALS

PALMAR SWEAT INDEX
 RT PERSPIRATION
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)

PALMGREN-MINER RULE
 UF MINER RULE
 GS RULES
 PALMGREN-MINER RULE
 RT FATIGUE LIFE

PALMITIC ACID
 GS ACIDS
 FATTY ACIDS
 PALMITIC ACID
 ALIPHATIC COMPOUNDS
 FATTY ACIDS
 PALMITIC ACID
 RT FATS

PALO VERDE VALLEY (CA)
 GS VALLEYS

PALO VERDE VALLEY (CA)-(CONT)
PALO VERDE VALLEY (CA)
 RT CALIFORNIA
 DESERTS

PAM (MODULATION)
 USE PULSE AMPLITUDE MODULATION

PAMPAS
 GS LAND
 PLAINS
 PAMPAS

PANAMA
 GS NATIONS
 PANAMA
 RT CANALS
 CENTRAL AMERICA

PANAMA CANAL ZONE
 GS LANDFORMS
 PANAMA CANAL ZONE
 REGIONS
 RT **PANAMA CANAL ZONE**
 CARIBBEAN SEA
 CENTRAL AMERICA
 UNITED STATES

PANAVIA MILITARY AIRCRAFT
 RT ∞ AIRCRAFT
 AIRCRAFT DESIGN
 FIGHTER AIRCRAFT
 ∞ MILITARY AIRCRAFT
 VARIABLE SWEEP WINGS
 WEAPON SYSTEMS

PANCREAS
 GS ANATOMY
 DIGESTIVE SYSTEM
 PANCREAS
 GLANDS (ANATOMY)
 ENDOCRINE GLANDS
 PANCREAS
 VISCERA
 ENDOCRINE GLANDS
 PANCREAS
 RT DIABETES MELLITUS
 GASTROINTESTINAL SYSTEM
 TRYPSIN

PANEL FLUTTER
 GS VIBRATION
 STRUCTURAL VIBRATION
 FLUTTER
 PANEL FLUTTER
 SELF INDUCED VIBRATION
 PANEL FLUTTER
 RT AERODYNAMIC NOISE
 AEROELASTICITY
 BENDING VIBRATION

PANEL METHOD (FLUID DYNAMICS)
 GS PROCEDURES
 PANEL METHOD (FLUID DYNAMICS)
 RT BERNOULLI THEOREM
 BOUNDARY LAYERS
 COMPUTATIONAL FLUID DYNAMICS
 FINITE ELEMENT METHOD
 ∞ FLOW
 FLOW THEORY
 FLUID DYNAMICS
 GAS-SOLID INTERACTIONS
 ∞ METHODOLOGY
 TURBULENCE

PANELS
 SN (EXCLUDES GROUPS OF PEOPLE)
 GS **PANELS**
 CURVED PANELS
 RECTANGULAR PANELS
 WING PANELS
 RT BAFFLES
 CEILINGS (ARCHITECTURE)
 ∞ CONSTRUCTION MATERIALS
 DIVIDERS
 FLAT PLATES
 ∞ PLATES
 ∞ SHEETS
 SHIELDING
 THIN PLATES
 WALLS

PANIC
 RT EMOTIONAL FACTORS

NASA THESAURUS (VOLUME 1)

PANIC-(CONT)
 EMOTIONS
 FEAR
 HUMAN BEHAVIOR

PANORAMIC CAMERAS
 GS OPTICAL EQUIPMENT
 CAMERAS
 PANORAMIC CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
 RT **PANORAMIC CAMERAS**
 CAMERA SHUTTERS
 FOCUSING
 LENSES
 PHOTOGRAPHY
 WIDE ANGLE LENSES

PANORAMIC SCANNING
 GS SCANNING
 PANORAMIC SCANNING
 RT CONICAL SCANNING
 FREQUENCY SCANNING
 MULTISPECTRAL BAND SCANNERS
 RADAR SCANNING
 SCANNERS
 SEARCHING
 SURVEILLANCE

PANSPERMIA
 RT ABIOTIC GENESIS
 AEROSPACE ENVIRONMENTS
 BACTERIA
 BIOLOGICAL EVOLUTION
 EXOBIOTICITY
 EXTRATERRESTRIAL LIFE
 FUNGI

PANT PROGRAM
 UF ABLATED NOSETIPS
 PASSIVE NOSETIP TECHNOLOGY
 PROGRAMS
 PANT PROGRAM

PANTAR CHONDRITES
 GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
 PANTAR CHONDRITES

PANTHER AIRCRAFT
 USE F-9 AIRCRAFT

PAPAIN
 GS ACIDS
 AMINO ACIDS
 PAPAIN
 ENZYMES
 PAPAIN
 ORGANIC COMPOUNDS
 AMINO ACIDS
 PAPAIN
 RT PEPSIN

PAPER (MATERIAL)
 RT BOARDS (PAPER)
 KRAFT PROCESS (WOODPULP)
 ∞ MATERIALS
 ORGANIC MATERIALS
 WEBS (SHEETS)
 WOOD

PAPER CHROMATOGRAPHY
 GS CHEMICAL TESTS
 CHEMICAL ANALYSIS
 PAPER CHROMATOGRAPHY
 CHROMATOGRAPHY
 RT **PAPER CHROMATOGRAPHY**
 GAS CHROMATOGRAPHY
 LIQUID CHROMATOGRAPHY

PAPERS
 GS DOCUMENTS
 PAPERS
 RT BOARDS (PAPER)
 CONFERENCES
 FIBERS
 ∞ FILMS
 LAMINATES
 LITERATURE
 PRESIDENTIAL REPORTS
 PRIVACY
 REPORTS

PAPERS-(CONT)

∞ SHEETS
WEBS (SHEETS)

PAPILLAE

RT PROTUBERANCES

PARA HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
PARA HYDROGEN
GASES
HYDROGEN
PARA HYDROGEN
RT ORTHO PARA CONVERSION

PARABOLAS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CONICS
PARABOLAS

PARABOLIC ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
PARABOLIC ANTENNAS
RT ANTENNA DESIGN
CASSEGRAIN ANTENNAS
HORN ANTENNAS
MICROWAVE ANTENNAS
RADAR ANTENNAS
RADAR EQUIPMENT
RADAR REFLECTORS

PARABOLIC BODIES

UF PARABOLOIDS
GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
PARABOLIC BODIES

PARABOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
PARABOLIC DIFFERENTIAL
EQUATIONS
RT ∞ EQUATIONS

PARABOLIC FLIGHT

RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
COASTING FLIGHT
DESCENT TRAJECTORIES
∞ FLIGHT
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
SUBORBITAL FLIGHT
TRAJECTORIES
WEIGHTLESSNESS
WEIGHTLESSNESS SIMULATION

PARABOLIC REFLECTORS

UF DISHES
GS REFLECTORS
PARABOLIC REFLECTORS
PARABOLOID MIRRORS
RT MICROWAVE ANTENNAS
RADAR REFLECTORS
SCHWARZSCHILD ANTENNAS
SOLAR REFLECTORS

PARABOLIC VELOCITY

USE ESCAPE VELOCITY

PARABOLOID MIRRORS

GS MIRRORS
PARABOLOID MIRRORS
REFLECTORS
PARABOLIC REFLECTORS
PARABOLOID MIRRORS
RT REFLECTING TELESCOPES
SOLAR REFLECTORS

PARABOLOIDS

USE PARABOLIC BODIES

PARACHUTE DESCENT

UF PARACHUTING
GS DESCENT
PARACHUTE DESCENT
RT BAILOUT

PARACHUTE DESCENT-(CONT)

EJECTION
EJECTION TRAINING
ESCAPE (ABANDONMENT)
FREE FALL
PARACHUTES

PARACHUTE FABRICS

GS FABRICS
PARACHUTE FABRICS
RT FORTISAN (TRADEMARK)
GORES
PARACHUTES

PARACHUTES

GS PARACHUTES
DRAG CHUTES
RECOVERY PARACHUTES
RIBBON PARACHUTES
ROTOCHUTES
RT AIR DROP OPERATIONS
AIRDROPS
BALLUTES
BRAKES (FOR ARRESTING MOTION)
FOLDING STRUCTURES
PARACHUTE DESCENT
PARACHUTE FABRICS
PARACONE
PARAVULCOONS
PARAWINGS
TOWED BODIES
WHIRL TOWERS

PARACHUTING

USE PARACHUTE DESCENT

PARACHUTING INJURY

GS INJURIES
PARACHUTING INJURY

PARACONE

RT ESCAPE CAPSULES
ESCAPE SYSTEMS
PARACHUTES

PARADOXES

GS KNOWLEDGE
PHILOSOPHY
PARADOXES
RT ∞ LOGIC
RELATIVITY

PARAFFINS

GS ALIPHATIC COMPOUNDS
ALKANES
PARAFFINS
CERESIN
HYDROCARBONS
ALKANES
PARAFFINS
CERESIN
RT HYDROCARBON FUELS
KEROSENE
SHALE OIL

PARAGLIDERS

GS GLIDERS
PARAGLIDERS
INFLATABLE GLIDERS
PARAWINGS
RT FOLDING STRUCTURES
HYPERSONIC GLIDERS
∞ SUBSONIC AIRCRAFT

PARAGUAY

GS NATIONS
PARAGUAY
RT SOUTH AMERICA

PARALLAX

GS PARALLAX
SOLAR PARALLAX
STELLAR PARALLAX
RT ASTROMETRY
COMPANION STARS
∞ OPTICS

PARALLEL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PARALLEL COMPUTERS

PARALLEL FLOW

GS FLUID FLOW
PARALLEL FLOW
PIPE FLOW
THREE DIMENSIONAL FLOW
RT FLOW GEOMETRY
FLOW VELOCITY
FLUID DYNAMICS
LAMINAR FLOW
STEADY FLOW

PARALLEL PLATES

RT CAPACITORS
∞ CHANNELS
FLAT PLATES
METAL PLATES
∞ PLATES
THIN PLATES
WAVEGUIDES

PARALLEL PROCESSING (COMPUTERS)

GS DATA PROCESSING
PARALLEL PROCESSING (COMPUTERS)
RT ASSOCIATIVE PROCESSING
(COMPUTERS)
CONCURRENT PROCESSING
ILLIAC 3 COMPUTER
ILLIAC 4 COMPUTER
INTERPROCESSOR COMMUNICATION

PARALLEL PROGRAMMING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
PARALLEL PROGRAMMING
RT MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)

PARALLEL STRIP LINES

USE MICROSTRIP TRANSMISSION LINES

PARALLELEPIPEDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
PARALLELEPIPEDS

PARALLELOGRAMS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
TETRAGONS
PARALLELOGRAMS
RHOMBOIDS

PARALYSIS

GS DISEASES
PARALYSIS
INJURIES
PARALYSIS
RT TREMORS

PARAMAGNETIC AMPLIFIERS

USE MASERS

PARAMAGNETIC RESONANCE

GS RESONANCE
MAGNETIC RESONANCE
PARAMAGNETIC RESONANCE
ELECTRON PARAMAGNETIC
RESONANCE
RT ABSORPTION SPECTRA
FERROMAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PARAMAGNETISM

PARAMAGNETISM

GS MAGNETIC PROPERTIES
PARAMAGNETISM
RT ANTIFERROMAGNETISM
CURIE-WEISS LAW
DIAMAGNETISM
PARAMAGNETIC RESONANCE

PARAMECIA

GS ANIMALS
INVERTEBRATES
PROTOZOA
PARAMECIA
ROTIFERA
MICROORGANISMS
PROTOZOA
PARAMECIA
ROTIFERA

PARAMETER IDENTIFICATION

PARAMETER IDENTIFICATION

- GS ESTIMATING
 - PARAMETER IDENTIFICATION**
 - IDENTIFYING
 - PARAMETER IDENTIFICATION**
 - PARAMETERIZATION
 - PARAMETER IDENTIFICATION**
- RT COMPLEX SYSTEMS
 - CONTROL SYSTEMS DESIGN
 - DYNAMIC RESPONSE
 - ESTIMATES
 - INDEPENDENT VARIABLES
 - LEAST SQUARES METHOD
 - MATHEMATICAL MODELS
 - MAXIMUM LIKELIHOOD ESTIMATES
 - OBSERVABILITY (SYSTEMS)
 - OPTIMAL CONTROL
 - OPTIMIZATION
 - PREDICTION ANALYSIS TECHNIQUES
 - PROBABILITY THEORY
 - STATISTICAL ANALYSIS
 - STEEPEST DESCENT METHOD
 - SYSTEM IDENTIFICATION
 - SYSTEMS ANALYSIS
 - SYSTEMS ENGINEERING

PARAMETERIZATION

- GS **PARAMETERIZATION**
 - PARAMETER IDENTIFICATION
- RT ALGORITHMS
 - ∞ APPLICATIONS OF MATHEMATICS
 - DEPENDENT VARIABLES
 - DERIVATION
 - DIMENSIONAL ANALYSIS
 - ∞ ESTIMATORS
 - FORMALISM
 - FORMULATIONS
 - MATHEMATICAL MODELS
 - SCALE EFFECT
 - SEMIEMPIRICAL EQUATIONS
 - SYSTEM IDENTIFICATION
 - UNITS OF MEASUREMENT

PARAMETERS

- USE INDEPENDENT VARIABLES

PARAMETRIC AMPLIFIERS

- UF PARAMETRIC OSCILLATORS
- GS AMPLIFIERS
 - PARAMETRIC AMPLIFIERS**
- RT FREQUENCY CONVERTERS
 - LC CIRCUITS
 - MAGNETOSTATIC AMPLIFIERS
 - MICROWAVE AMPLIFIERS
 - NEGATIVE RESISTANCE DEVICES
 - POWER AMPLIFIERS
 - SEMICONDUCTOR DEVICES

PARAMETRIC DIODES

- GS ELECTRONIC EQUIPMENT
 - DIODES
 - SEMICONDUCTOR DIODES
 - PARAMETRIC DIODES**
 - SOLID STATE DEVICES
 - SEMICONDUCTOR DEVICES
 - PARAMETRIC DIODES**
- RT VARACTOR DIODES

PARAMETRIC FREQUENCY CONVERTERS

- GS FREQUENCY CONVERTERS
 - PARAMETRIC FREQUENCY CONVERTERS**
- RT ∞ CONVERTERS
 - PHASE MODULATION
 - UP-CONVERTERS

PARAMETRIC OSCILLATORS

- USE PARAMETRIC AMPLIFIERS

PARAMETRONS

- RT COMPUTER STORAGE DEVICES
 - MAGNETIC CORES
 - MAGNETIC STORAGE
 - OSCILLATORS
 - PHASE LOCK DEMODULATORS
 - THIN FILMS

PARANASAL SINUSES

- GS SINUSES
 - PARANASAL SINUSES**
- RT NOSE (ANATOMY)

PARAPLASTS

- GS PLASTERS

PARAPLASTS-(CONT)

PARAPLASTS

- RT RESINS

PARAPSYCHOLOGY

- USE EXTRASENSORY PERCEPTION

PARASITES

- RT ANIMALS
 - BLIGHT
 - INFESTATION

PARASITIC DISEASES

- GS DISEASES
 - PARASITIC DISEASES**
 - BLIGHT
- RT AIRBORNE INFECTION
 - AMOEBAS
 - CHOLERA
 - FUNGI
 - INFECTIOUS DISEASES
 - RUST FUNGI
 - TRYPANOSOME

PARATHYROID GLAND

- GS ANATOMY
 - GLANDS (ANATOMY)
 - ENDOCRINE GLANDS
 - PARATHYROID GLAND**
 - VISCERA
 - ENDOCRINE GLANDS
 - PARATHYROID GLAND**
- RT CALCIUM METABOLISM

PARAVULCOONS

- GS BRAKES (FOR ARRESTING MOTION)
 - AERODYNAMIC BRAKES
 - PARAVULCOONS**
 - DRAG DEVICES
 - AERODYNAMIC BRAKES
 - PARAVULCOONS**
 - EXPANDABLE STRUCTURES
 - INFLATABLE STRUCTURES
 - PARAVULCOONS**
- RT AIR DROP OPERATIONS
 - BALLOONS
 - FOLDING STRUCTURES
 - PARACHUTES

PARAWINGS

- GS AIRFOILS
 - WINGS
 - FLEXIBLE WINGS
 - PARAWINGS**
 - GLIDERS
 - PARAGLIDERS
 - PARAWINGS**
- RT AIR DROP OPERATIONS
 - FOLDING STRUCTURES
 - HANG GLIDERS
 - PARACHUTES

PARENTAL FUNCTIONS

- RT ∞ FUNCTIONS

PARENTS

- RT CHILDREN
 - HUMAN BEINGS

PARITY

- RT BCH CODES
 - CODING
 - CONSERVATION
 - CORRECTION
 - EQUIVALENCE
 - ERROR DETECTION CODES
 - INFORMATION THEORY
 - NUCLEAR PHYSICS
 - PARTICLE SPIN
 - QUANTUM NUMBERS
 - QUANTUM THEORY
 - STRANGENESS
 - VECTOR CURRENTS

∞ PARKING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT PARKING ORBITS
 - RAMPS (STRUCTURES)

PARKING ORBITS

- GS ORBITS
 - SPACECRAFT ORBITS

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PARKING ORBITS-(CONT)

- SATELLITE ORBITS
- PARKING ORBITS**
- RT EARTH ORBITS
 - EARTH-MOON TRAJECTORIES
 - FLIGHT OPTIMIZATION
 - INTERPLANETARY TRAJECTORIES
 - LUNAR ORBITS
 - LUNAR TRAJECTORIES
 - ORBITAL MECHANICS
 - ∞ PARKING
 - PLANETARY ORBITS
 - THRUST PROGRAMMING
 - TRANSFER ORBITS

PARKINSON DISEASE

- GS DISEASES
 - PARKINSON DISEASE**
- RT TREMORS

PARKS

- GS LAND
 - PARKS**
 - NATIONAL PARKS
 - YELLOWSTONE NATIONAL PARK (ID-MT-WY)
- RT RECREATION
 - REGIONAL PLANNING
 - URBAN DEVELOPMENT
 - URBAN PLANNING

PAROTID GLAND

- USE SALIVARY GLANDS

PARSING ALGORITHMS

- GS MATHEMATICAL LOGIC
 - ALGORITHMS
 - PARSING ALGORITHMS**
- RT COMPILERS
 - COMPUTER TECHNIQUES
 - GRAMMARS
 - SEMANTICS
 - SUBROUTINES
 - SYNTAX

PARTIAL DIFFERENTIAL EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 - REAL VARIABLES
 - DIFFERENTIAL EQUATIONS
 - PARTIAL DIFFERENTIAL EQUATIONS**
 - BIHARMONIC EQUATIONS
 - BURGER EQUATION
 - ELLIPTIC DIFFERENTIAL EQUATIONS
 - MONGE-AMPERE EQUATION
 - EULER-CAUCHY EQUATIONS
 - FOKKER-PLANCK EQUATION
 - GAUSS EQUATION
 - HELMHOLTZ VORTICITY EQUATION
 - LIQUVILLE EQUATIONS
 - PARABOLIC DIFFERENTIAL EQUATIONS
 - VLASOV EQUATIONS
- RT BOLTZMANN-VLASOV EQUATION
 - CAUCHY-RIEMANN EQUATIONS
 - ∞ EQUATIONS
 - FUNCTIONAL INTEGRATION
 - KINETIC EQUATIONS
 - LAPLACE EQUATION
 - METHOD OF CHARACTERISTICS
 - NEUMANN PROBLEM
 - POISSON EQUATION
 - WAVE EQUATIONS

PARTIAL PRESSURE

- GS PRESSURE
 - PARTIAL PRESSURE**
 - OXYGEN TENSION
 - HYPOXEMIA
- RT DALTON LAW
 - GAS PRESSURE
 - HENRY LAW
 - INTERNAL PRESSURE
 - RAOULT LAW
 - RESIDUAL GAS
 - ∞ TENSION
 - VAPOR PRESSURE

PARTICLE ACCELERATION

- GS RATES (PER TIME)
 - ACCELERATION (PHYSICS)
 - PARTICLE ACCELERATION**
- RT ∞ ACCELERATION
 - ELECTROMAGNETIC ACCELERATION

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PARTICLE PRECIPITATION

PARTICLE ACCELERATION-(CONT)

MAGNETIC FIELDS
PLASMA ACCELERATION
RACETRACKS (PARTICLE
ACCELERATORS)

PARTICLE ACCELERATOR TARGETS

GS TARGETS
RT ∞ PARTICLE ACCELERATOR TARGETS
TARGET THICKNESS

PARTICLE ACCELERATORS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
BETATONS
SYNCHROCYCLOTRONS
SYNCHROTRONS
BEVATRON
STORAGE RINGS (PARTICLE
ACCELERATORS)
CYCLOTRONS
GEOCYCLOTRONS
MICROTRONS
OAK RIDGE ISOCRONOUS
CYCLOTRON
OMEGATONS
SYNCHROCYCLOTRONS
ELECTRON ACCELERATORS
BETATONS
ION ACCELERATORS
LINEAR ACCELERATORS
NIMROD ACCELERATOR
SYNCHROPHASOTONS
VAN DE GRAAFF ACCELERATORS
RT ∞ ACCELERATORS
BEAM SPLITTERS
ELECTRON GUNS
ELEMENTARY PARTICLES
ION SOURCES
KAON PRODUCTION
NEUTRON SOURCES
NUCLEAR PARTICLES
RACETRACKS (PARTICLE
ACCELERATORS)
RAILGUN ACCELERATORS
SEPA (PAYLOAD)

PARTICLE BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
ATOMIC BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS
MOLECULAR BEAMS
NEUTRON BEAMS
NEUTRINO BEAMS
PION BEAMS
PROTON BEAMS
RT BEAM SPLITTERS
ELECTRON ACCELERATION
ELECTRON BOMBARDMENT
FLUX (RATE)
ION STRIPPING
PHONON BEAMS

PARTICLE CHARGING

RT CHARGED PARTICLES

PARTICLE COLLISIONS

GS COLLISIONS
PARTICLE COLLISIONS
RT ATOMIC COLLISIONS
ATOMIC EXCITATIONS
DENSE PLASMAS
FADDEEV EQUATIONS
KINETICS
MEAN FREE PATH
MOLECULAR COLLISIONS
MOLECULAR EXCITATION
NUCLEON-NUCLEON SCATTERING
SCATTERING

PARTICLE COUNTERS

USE RADIATION COUNTERS

PARTICLE DECAY

USE RADIOACTIVE DECAY

PARTICLE DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)

PARTICLE DENSITY (CONCENTRATION)-(CONT)

ELECTRON DENSITY
(CONCENTRATION)
CARRIER DENSITY (SOLID STATE)
ELECTRON DENSITY PROFILES
IONOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ELECTRON
DENSITY
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
ION DENSITY (CONCENTRATION)
IONOSPHERIC ION DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON
DENSITY
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON
DENSITY
PLASMA DENSITY
RT ATMOSPHERIC DENSITY
ESRO 4 SATELLITE
ION STRIPPING
IONOSPHERIC COMPOSITION
SPACE DENSITY
SPATIAL DISTRIBUTION

PARTICLE DETECTORS

USE RADIATION COUNTERS

PARTICLE DIFFUSION

GS DIFFUSION
PARTICLE DIFFUSION
ELECTRON DIFFUSION
IONIC DIFFUSION
RT ATOMIC BEAMS
BOLTZMANN TRANSPORT EQUATION
DIFFUSION COEFFICIENT
DROP SIZE
FLUX (RATE)
GASEOUS SELF-DIFFUSION
MOLECULAR DIFFUSION
MUON SPIN ROTATION
SELF DIFFUSION (SOLID STATE)

PARTICLE EMISSION

GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
PHOTOELECTRIC EMISSION
SECONDARY EMISSION
ION EMISSION
NEUTRON EMISSION
THERMIONIC EMISSION
RT EXHAUST EMISSION
EXPULSION
SELF SUSTAINED EMISSION
STIMULATED EMISSION

PARTICLE ENERGY

GS PARTICLE ENERGY
ELECTRON ENERGY
ELECTRON STATES
PROTON ENERGY
RT ∞ ENERGY
INTERNAL ENERGY
KINETIC ENERGY
MONOCHROMATIZATION
 ∞ PARTICLE INTENSITY

PARTICLE FLUX

USE FLUX (RATE)

PARTICLE FLUX DENSITY

SN (PARTICLE EMISSION OR DETECTION
RATE PER UNIT AREA)
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RT HELIOS SATELLITES
 ∞ PARTICLE INTENSITY
RADIANCY
RADIATION COUNTERS
RADIATION PRESSURE
SOLAR CONSTANT
SOLAR FLUX DENSITY

PARTICLE IN CELL TECHNIQUE

GS ANALYSIS (MATHEMATICS)

PARTICLE IN CELL TECHNIQUE-(CONT)

NUMERICAL ANALYSIS
APPROXIMATION
PARTICLE IN CELL TECHNIQUE
RT ∞ CELLS
CRYSTAL LATTICES
FLOW EQUATIONS
 ∞ METHODOLOGY

∞ PARTICLE INTENSITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT PARTICLE ENERGY
PARTICLE FLUX DENSITY

PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
CONFIGURATION INTERACTION
ELEMENTARY PARTICLE
INTERACTIONS
MESON-MESON INTERACTIONS
MESON-NUCLEON INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEON-NUCLEON INTERACTIONS
ION ATOM INTERACTIONS
MOLECULAR INTERACTIONS
INTERSTELLAR CHEMISTRY
MOLECULAR COLLISIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
STRONG INTERACTIONS (FIELD
THEORY)
WEAK INTERACTIONS (FIELD
THEORY)
PLASMA-PARTICLE INTERACTIONS
WEAK ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD
THEORY)
RT BRAGG CURVE
CHARM (PARTICLE PHYSICS)
CHEMICAL REACTIONS
COLLISION PARAMETERS
ELECTRON PHONON INTERACTIONS
ELECTRON SCATTERING
FEYNMAN DIAGRAMS
FLAVOR (PARTICLE PHYSICS)
HIGH ENERGY INTERACTIONS
 ∞ INTERACTIONS
NEUTRAL CURRENTS
NUCLEAR REACTIONS
PHOTONUCLEAR REACTIONS
PHOTOPHORESIS
QUANTUM CHROMODYNAMICS
SPHINX

PARTICLE LADEN JETS

RT FUEL FLOW
JET FLOW
PARTICLES
TURBULENT FLOW

PARTICLE MASS

GS MASS
PARTICLE MASS
ELECTRON MASS
RT GRAVITINOS
MAGNETIC RIGIDITY
NUCLIDES

PARTICLE MOTION

RT ELECTROPHORESIS
FALLING
LATTICE VIBRATIONS
MAGNETIC RIGIDITY
MEAN FREE PATH
 ∞ MOTION
NEUTRAL SHEETS
PHOTOPHORESIS
RECOILINGS
RELATIVISTIC VELOCITY
SETTLING

PARTICLE PRECIPITATION

GS PARTICLE PRECIPITATION
ELECTRON PRECIPITATION
PROTON PRECIPITATION
RT ATOMIC STRUCTURE
CHARGED PARTICLES
 ∞ PRECIPITATION

PARTICLE PRODUCTION

PARTICLE PRODUCTION

GS **PARTICLE PRODUCTION**
 KAON PRODUCTION
 PAIR PRODUCTION
 RT COMMUNITION
 CORPUSCULAR RADIATION
 HIGH ENERGY INTERACTIONS
 NUCLEAR RADIATION
 NUCLEAR REACTIONS
 PARTICLES
 RADIOACTIVITY
 SPALLATION

PARTICLE SIZE DISTRIBUTION

GS **SIZE DISTRIBUTION**
PARTICLE SIZE DISTRIBUTION
 RT DIMENSIONS
 DROP SIZE
 FINENESS
 FINES
 FRACTIONS
 GRAIN SIZE
 PARTICLES
 PRECIPITATION PARTICLE
 MEASUREMENT
 SIZE DETERMINATION
 SIZE SEPARATION
 SOLIDS FLOW

PARTICLE SPIN

GS **SPIN**
PARTICLE SPIN
 ELECTRON SPIN
 ISOTOPIC SPIN
 NUCLEAR SPIN
 RT ANGULAR MOMENTUM
 MUON SPIN ROTATION
 NUCLEAR MAGNETIC RESONANCE
 NUCLEAR PHYSICS
 PARITY
 QUENCHING (ATOMIC PHYSICS)
 SPIN RESONANCE

PARTICLE TELESCOPES

UF ELECTRON TELESCOPES
 GEP TELESCOPES
 GODDARD EXPERIMENT PACKAGE
 TELESCOPE
 PROTON TELESCOPES
 GS MEASURING INSTRUMENTS
 COUNTERS
 RADIATION COUNTERS
PARTICLE TELESCOPES
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
PARTICLE TELESCOPES
 TELESCOPES
PARTICLE TELESCOPES
 RT ASTRONOMICAL TELESCOPES
 GEIGER COUNTERS
 SATELLITE-BORNE INSTRUMENTS
 SCINTILLATION COUNTERS

PARTICLE THEORY

RT BODY KINEMATICS
 CHARM (PARTICLE PHYSICS)
 COLLISION PARAMETERS
 FLAVOR (PARTICLE PHYSICS)
 ∞ INTERACTIONS
 MANY BODY PROBLEM
 PLASMA-PARTICLE INTERACTIONS
 ∞ THEORIES
 UNIFIED FIELD THEORY
 WEAK ENERGY INTERACTIONS

PARTICLE TRACKS

RT CHEMICAL ANALYSIS
 CORE SAMPLING
 COSMIC RAYS
 FOSSILS
 GEOCHRONOLOGY
 LUNAR ROCKS
 METEORIDS
 NUCLEAR PARTICLES
 RADIATION EFFECTS
 STRATIGRAPHY
 TRACE ELEMENTS
 ∞ TRACKS

PARTICLE TRAJECTORIES

GS TRAJECTORIES
PARTICLE TRAJECTORIES
 ELECTRON TRAJECTORIES
 RT BUBBLE CHAMBERS
 CHARGED PARTICLES

PARTICLE TRAJECTORIES-(CONT)

ELECTRON OPTICS
 IONIZING RADIATION
 ∞ MOTION
 ∞ PATHS
 RACETRACKS (PARTICLE
 ACCELERATORS)
 ∞ TRACKS

PARTICLES

GS **PARTICLES**
 AEROSOLS
 FOG
 CHARGED PARTICLES
 ANIONS
 ANTIPROTONS
 CATIONS
 METAL IONS
 FERRIC IONS
 MANGANESE IONS
 ENERGETIC PARTICLES
 ELECTRONS
 CONDUCTION ELECTRONS
 HIGH ENERGY ELECTRONS
 HOT ELECTRONS
 N ELECTRONS
 NEGATONS
 PI-ELECTRONS
 NUCLEI (NUCLEAR PHYSICS)
 PLASMAS (PHYSICS)
 ARGON PLASMA
 BETA PARTICLES
 BOUNDARY LAYER PLASMAS
 COLD PLASMAS
 COLLISIONAL PLASMAS
 STRONGLY COUPLED PLASMAS
 COLLISIONLESS PLASMAS
 COSMIC PLASMA
 CYLINDRICAL PLASMAS
 DENSE PLASMAS
 PLASMA FOCUS
 STRONGLY COUPLED PLASMAS
 ELECTRON PLASMA
 ELLIPTICAL PLASMAS
 HELIUM PLASMA
 HIGH TEMPERATURE PLASMAS
 LASER PLASMAS
 METALLIC PLASMAS
 CESIUM PLASMA
 MICROPLASMAS
 NITROGEN PLASMA
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 RAREFIED PLASMAS
 RELATIVISTIC PLASMAS
 ROTATING PLASMAS
 SEMICONDUCTOR PLASMAS
 SOLAR WIND
 SPACE PLASMAS
 SPHERICAL PLASMAS
 STELLAR WINDS
 THERMAL PLASMAS
 TOROIDAL PLASMAS
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 NEGATIVE IONS
 PARTONS
 PLASMA CLOUDS
 PLASMA LAYERS
 PLASMA SHEATHS
 PLASMA SLABS
 POSITRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 CORPUSCULAR RADIATION
 CYCLOTRON RADIATION
 ION CYCLOTRON RADIATION
 ELECTRON PRECIPITATION
 ELECTRON RADIATION
 BETA PARTICLES
 ELECTRON BEAMS
 RELATIVISTIC ELECTRON BEAMS
 PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 RADIATION BELTS
 SOLAR CORPUSCULAR RADIATION
 SOLAR ELECTRONS
 SOLAR PROTONS
 DROPS (LIQUIDS)
 RAINDROPS
 ELEMENTARY PARTICLES

PARTICLES-(CONT)

ANTIPARTICLES
 ANTINEUTRINOS
 ANTINUCLEONS
 ANTIPROTONS
 POSITRONS
 BETA PARTICLES
 BOSONS
 ALPHA PARTICLES
 MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 LIGHT BEAMS
 XI HYPERONS
 DEUTERONS
 FERMIONS
 BARYONS
 HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 ETA-MESONS
 LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 MESON RESONANCE
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 THERMAL NEUTRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 GLUONS
 GRAVITINOS
 GRAVITONS
 HADRONS
 BARYONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 MESONS
 KAONS
 MUONS
 OMEGA-MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 MAGNETIC MONOPOLES
 NUCLEONS
 PARTONS
 QUARKS
 TACHYONS
 FLAKES
 METAL PARTICLES
 PLATINUM BLACK
 POWDERED ALUMINUM
 MICROPARTICLES
 MIST
 NEUTRAL PARTICLES
 GRAVITINOS
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 THERMAL NEUTRONS
 NUCLEAR PARTICLES
 ANTIPARTICLES
 ANTINEUTRINOS
 ANTINUCLEONS
 ANTIPROTONS
 POSITRONS
 BETA PARTICLES
 BOSONS
 ALPHA PARTICLES
 MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS

PARTICLES-(CONT)

SIGMA-MESONS
PHOTONS
XI HYPERONS
NUCLEONS
PHOTOELECTRONS
PLASMA JETS
POLLEN
POWDER (PARTICLES)
FINES
PLATINUM BLACK
POWDERED ALUMINUM
RELATIVISTIC PARTICLES
RELATIVISTIC ELECTRON BEAMS
SOOT
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS

RT AIR POLLUTION
CHEMICAL CLOUDS
CLOUDS
COLLOIDS
DEUTERON IRRADIATION
DIRT
DISPERSIONS
DUST
GAS ATOMIZATION
GRANULAR MATERIALS
GRIT
ION STRIPPING
METAL POWDER
NEUTRAL BEAMS
NEUTRON BEAMS
NODES
NONPOINT SOURCES
PARTICLE LADEN JETS
PARTICLE PRODUCTION
PARTICLE SIZE DISTRIBUTION
POSITRON ANNIHILATION
PRECIPITATION PARTICLE
MEASUREMENT
PROTON PRECIPITATION
SMOKE

PARTICULATE FILTERS

USE FLUID FILTERS

PARTICULATE SAMPLING

GS SAMPLING
PARTICULATE SAMPLING
RT ASSAYING
CHEMICAL ANALYSIS
CONCENTRATION (COMPOSITION)
IDENTIFYING

∞ PARTITIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CURTAINS
PARTITIONS (MATHEMATICS)
PARTITIONS (STRUCTURES)
SEPTUM

PARTITIONS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
COMBINATORIAL ANALYSIS
PARTITIONS (MATHEMATICS)
RT COMBINATIONS (MATHEMATICS)
EQUIVALENCE
∞ PARTITIONS
PERMUTATIONS

PARTITIONS (STRUCTURES)

RT BULKHEADS
CURTAINS
∞ PARTITIONS
THIN WALLS
WALLS

PARTONS

GS PARTICLES
CHARGED PARTICLES
PARTONS
ELEMENTARY PARTICLES
PARTONS
RT HADRONS
LEPTONS
QUARK PARTON MODEL
QUARKS

PARTS

USE COMPONENTS

PAS

UF PERIGEE-APOGEE SATELLITES
GS SATELLITES

ARTIFICIAL SATELLITES

PAS

RT ELLIPTICAL ORBITS
TWENTY-FOUR HOUR ORBITS

PASCAL (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
PASCAL (PROGRAMMING LANGUAGE)
RT COMPILERS
COMPUTER PROGRAMMING

PASCHEN SERIES

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
PASCHEN SERIES
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H LINES
HYDROGEN

PASSAGEWAYS

GS **PASSAGEWAYS**
STRAITS
TORRES STRAIT
TRANSFER TUNNELS
RT APPROACH
CAVITIES
CORRIDORS
GAPS
NOTCHES
OPENINGS
∞ PATHS
ROADS
∞ TUNNELS
UNDERGROUND STRUCTURES
VESTIBULES

PASSENGER AIRCRAFT

UF EXECUTIVE AIRCRAFT
GS **PASSENGER AIRCRAFT**
BAC 111 AIRCRAFT
BO-105 HELICOPTER
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 2707 AIRCRAFT
BREGUET 941 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT
C-46 AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 210 AIRCRAFT
CESSNA 402B AIRCRAFT
CH-3 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-54 HELICOPTER
COMET 4 AIRCRAFT
CV-340 AIRCRAFT
CV-440 AIRCRAFT
CV-880 AIRCRAFT
CV-990 AIRCRAFT
DC 8 AIRCRAFT
DC 10 AIRCRAFT
DH 121 AIRCRAFT
DH 125 AIRCRAFT
DO-27 AIRCRAFT
DO-28 AIRCRAFT
ELECTRA AIRCRAFT
EUROPEAN AIRBUS
A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
F-27 AIRCRAFT
F-28 HELICOPTER
F-28 TRANSPORT AIRCRAFT
G-1 AIRCRAFT
G-222 AIRCRAFT
H-19 HELICOPTER

PASSENGER AIRCRAFT-(CONT)

H-53 HELICOPTER
H-56 HELICOPTER
HFB-320 AIRCRAFT
HS-748 AIRCRAFT
IL-62 AIRCRAFT
JETSTREAM AIRCRAFT
L-1011 AIRCRAFT
L-2000 AIRCRAFT
MYSTERE 20 AIRCRAFT
OH-5 HELICOPTER
P-160 AIRCRAFT
P-166 AIRCRAFT
SE-210 AIRCRAFT
T-39 AIRCRAFT
TU-104 AIRCRAFT
TU-124 AIRCRAFT
TU-134 AIRCRAFT
TU-144 AIRCRAFT
U-10 AIRCRAFT
VC-10 AIRCRAFT
VISCOUNT AIRCRAFT
YAK 40 AIRCRAFT
YS-11 AIRCRAFT

RT ∞ AIRCRAFT
AN-22 AIRCRAFT
AN-24 AIRCRAFT
CARGO AIRCRAFT
CIVIL AVIATION
COMMERCIAL AIRCRAFT
DC 7 AIRCRAFT
E-2 AIRCRAFT
GENERAL AVIATION AIRCRAFT
GROUND EFFECT MACHINES
HC-3 HELICOPTER
JET AIRCRAFT
LIGHT AIRCRAFT
LIGHT TRANSPORT AIRCRAFT
∞ LOW WING AIRCRAFT
MERCURE AIRCRAFT
MH-262 AIRCRAFT
∞ MILITARY AIRCRAFT
MYSTERE 50 AIRCRAFT
P-531 HELICOPTER
PD-808 AIRCRAFT
ROTARY WING AIRCRAFT
SAAB 105 AIRCRAFT
SC-7 AIRCRAFT
SHORT HAUL AIRCRAFT
∞ SUBSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
TRANSPORT AIRCRAFT
TU-154 AIRCRAFT
TURBOFAN AIRCRAFT
TURBOPROP AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

PASSENGERS

RT AIRLINE OPERATIONS
AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
PAYLOADS
RAPID TRANSIT SYSTEMS
RIDING QUALITY
TRANSPORTATION

PASSES

USE GAPS (GEOLOGY)

PASSIVATION

USE PASSIVITY

PASSIVE L-BAND RADIOMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
PASSIVE L-BAND RADIOMETERS
RT MICROWAVE FREQUENCIES
ULTRAHIGH FREQUENCIES

PASSIVE NOSETIP TECHNOLOGY

USE PANT PROGRAM

PASSIVE SATELLITES

UF REFLECTOR SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
BEACON SATELLITES

PASSIVITY

PASSIVE SATELLITES-(CONT)

BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
UNMANNED SPACECRAFT
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
RT ACTIVE SATELLITES
COMMUNICATION SATELLITES
ECHO PROJECT
GEODETIC SATELLITES
NAVIGATION SATELLITES
SYNCHRONOUS SATELLITES

PASSIVITY

UF PASSIVATION
RT ANODIZING
CHEMICAL ATTACK
CHEMICAL PROPERTIES
COATINGS
CORROSION
CORROSION PREVENTION
CORROSION RESISTANCE
DEACTIVATION
ELECTROLYSIS
∞ INHIBITION
INHIBITORS
OXIDATION
OXIDATION RESISTANCE
RUSTING
SILICONIZING

PASTE (CONSISTENCY)

RT MIXTURES

PASTES

GS ADHESIVES
PASTES
RT GLUES
PLASTERS

PASTEURIZING

GS HEATING
PASTEURIZING
RT PURIFICATION
STERILIZATION

PATCH TESTS

RT CONTACT DERMATITIS
HYDRAULIC FLUIDS
∞ TESTS
TUBERCULOSIS
WEAR TESTS
WELD STRENGTH

PATENT APPLICATIONS

RT COPYRIGHTS
INVENTIONS
LICENSING
PATENTS
PRODUCT DEVELOPMENT
TECHNOLOGY UTILIZATION

PATENT POLICY

GS POLICIES
PATENT POLICY
RT INVENTIONS
PATENTS
PRODUCT DEVELOPMENT
REGULATIONS
RULES

PATENTS

RT CLAIMING
GRANTS
INVENTIONS
PATENT APPLICATIONS
PATENT POLICY

PATHFINDER NUCLEAR REACTOR

GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS

PATHFINDER NUCLEAR REACTOR-(CONT)

PATHFINDER NUCLEAR REACTOR
NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
PATHFINDER NUCLEAR REACTOR
NUCLEAR POWER REACTORS
PATHFINDER NUCLEAR REACTOR

PATHOGENESIS

RT CHOLERA
DISEASES
PATHOGENS

PATHOGENS

RT BACTERIA
CLOSTRIDIUM BOTULINUM
PATHOGENESIS

PATHOLOGICAL EFFECTS

RT BIOLOGICAL EFFECTS
CARBON MONOXIDE POISONING
CHOLERA
DISEASES
∞ EFFECTS
PHYSIOLOGICAL RESPONSES
∞ STRESS (BIOLOGY)

PATHOLOGY

GS MEDICAL SCIENCE
PATHOLOGY
HUMAN PATHOLOGY
RT AUTOPSIES
DIAGNOSIS
DISSECTION
HEMORRHAGES
RADIATION THERAPY
VETERINARY MEDICINE

∞ PATHS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
UF COURSES
LANES
RT CRITICAL PATH METHOD
DIFFRACTION PATHS
DUALITY PRINCIPLE
FLIGHT PATHS
GROUND TRACKS
MEAN FREE PATH
METEOR TRAILS
MULTIPATH TRANSMISSION
NETWORK ANALYSIS
OPERATIONS RESEARCH
OPTICAL PATHS
ORBITS
PARTICLE TRAJECTORIES
PASSAGEWAYS
PERT
ROUTES
SOUND TRANSMISSION
THERMODYNAMICS
TRAJECTORIES

PATIENTS

RT HUMAN BEINGS
HUMAN PATHOLOGY
THERAPY

PATRIOT MISSILE

GS MISSILES
SURFACE TO AIR MISSILES
PATRIOT MISSILE
RT MISSILE CONFIGURATIONS
∞ ROCKETS
WEAPONS

PATROLS

RT RECONNAISSANCE

PATTERN DISTRIBUTION

USE DISTRIBUTION (PROPERTY)

PATTERN METHOD (FORECASTING)

GS FORECASTING
TECHNOLOGICAL FORECASTING
PATTERN METHOD (FORECASTING)
MANAGEMENT METHODS
PATTERN METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
∞ METHODOLOGY

NASA THESAURUS (VOLUME 1)

PATTERN METHOD (FORECASTING)-(CONT)

OPERATIONS RESEARCH
PLANNING
PREDICTIONS
PROBE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

PATTERN RECOGNITION

UF AUTOMATIC PATTERN RECOGNITION
FEATURE EXTRACTION
GS RECOGNITION
PATTERN RECOGNITION
CHARACTER RECOGNITION
GRAPHOLOGY
RT CHANGE DETECTION
CLUMPS
CLUSTER ANALYSIS
COMPUTER VISION
CONTEXT
FEATURE IDENTIFICATION AND
LOCATION EXPER
GRAY SCALE
IMAGE ANALYSIS
MULTISENSOR APPLICATIONS
OPTICAL RELAY SYSTEMS
PRINCIPAL COMPONENTS ANALYSIS
READERS
REPETITION

PATTERN REGISTRATION

RT COMPARISON
IMAGE CONTRAST
IMAGE CORRELATORS
IMAGE MOTION COMPENSATION
IMAGE RECONSTRUCTION
IMAGE RESOLUTION
IMAGING TECHNIQUES
MAGNETIC SIGNATURES
MATCHING

∞ PATTERNS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT DIFFRACTION PATTERNS
DISTRIBUTION (PROPERTY)
DRAINAGE PATTERNS
KURTOSIS
MOLDS
PHOTOMASKS
PROTOTYPES
RADIATION DISTRIBUTION
RESINS
SPECKLE PATTERNS
SYNTHETIC ARRAYS
TEMPLATES
TEST PATTERN GENERATORS
WIDMANSTATTEN STRUCTURE

PATTERSON MAP

GS CHARTS
GRAPHS (CHARTS)
PATTERSON MAP
RT CRYSTAL LATTICES
CRYSTAL STRUCTURE
LATTICE PARAMETERS

PAULI EXCLUSION PRINCIPLE

GS QUANTUM MECHANICS
PAULI EXCLUSION PRINCIPLE
WAVE FUNCTIONS
PAULI EXCLUSION PRINCIPLE
RT ATOMIC STRUCTURE
EXCLUSION
FERMIONS

PAVEMENTS

RT ASPHALT
COATINGS
CONCRETES
FOUNDATIONS
HIGHWAYS
ROADS
RUNWAYS
STREETS

PAYLOAD ASSIST MODULE

GS MODULES
PAYLOAD ASSIST MODULE
ROCKET VEHICLES
PAYLOAD ASSIST MODULE
RT INSTRUMENT PACKAGES
PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM

PAYLOAD ASSIST MODULE-(CONT)
SPACEBORNE EXPERIMENTS**PAYLOAD CONTROL**

RT ∞ CONTROL
PAYLOADS
SOUNDING ROCKETS
SPACE SHUTTLES

PAYLOAD DELIVERY (STS)

GS DELIVERY
RT **PAYLOAD DELIVERY (STS)**
ELECTRIC POWER SUPPLIES
ORBIT TRANSFER VEHICLES
ORBITAL LAUNCHING
PAYLOADS
POWER MODULES (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM

PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM

GS **PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM**
REMOTE MANIPULATOR SYSTEM
RT MANIPULATORS
NASA PROGRAMS
ORBIT TRANSFER VEHICLES
PAYLOADS
REMOTE HANDLING
SPACE SHUTTLES
∞ SYSTEMS

PAYLOAD INTEGRATION

RT MISSION PLANNING
PAYLOAD INTEGRATION PLAN
PAYLOADS
SPACE SHUTTLE PAYLOADS

PAYLOAD INTEGRATION PLAN

RT PAYLOAD INTEGRATION
PAYLOADS
∞ PLANS
SPACE SHUTTLE ORBITERS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

PAYLOAD MASS RATIO

GS RATIOS
MASS RATIOS
RT **PAYLOAD MASS RATIO**
MULTISTAGE ROCKET VEHICLES
PIGGYBACK SYSTEMS
PRESSURE RATIO
PROPELLANT MASS RATIO

PAYLOAD RETRIEVAL (STS)

GS RETRIEVAL
PAYLOAD RETRIEVAL (STS)
RT ORBIT TRANSFER VEHICLES
ORBITAL RENDEZVOUS
PAYLOAD TRANSFER
REMOTE MANIPULATOR SYSTEM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
STATIONKEEPING

PAYLOAD STATIONS

GS STATIONS
PAYLOAD STATIONS
RT PAYLOADS
SPACE TRANSPORTATION

PAYLOAD TRANSFER

RT ORBITAL SERVICING
PAYLOAD RETRIEVAL (STS)
SPACE MAINTENANCE

PAYLOADS

GS PAYLOADS
AMPS (SATELLITE PAYLOAD)
EARTH VIEWING APPLICATIONS
LABORATORY
EXPOS (SPACELAB PAYLOAD)
OSTA-2 PAYLOAD
SEPAC (PAYLOAD)
SHUTTLE IMAGING RADAR
SORTIE SYSTEMS
SPACE SHUTTLE PAYLOADS
ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT
HALOGEN OCCULTATION
EXPERIMENT
OSS-1 PAYLOAD

PAYLOADS-(CONT)

OSTA-1 PAYLOAD
SPACEBORNE EXPERIMENTS
ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
EARTH RADIATION BUDGET
EXPERIMENT
PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
PLASMA INTERACTION EXPERIMENT
SPACELAB
X RAY ASTROPHYSICS FACILITY
SPACELAB PAYLOADS
ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
GEOPHYSICAL FLUID FLOW CELLS
SOLAR CELL CALIBRATION FACILITY
STARLAB
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ANNULAR SUSPENSION AND POINTING
SYSTEM
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
ASTEROID CAPTURE
EASEP
INSTRUMENT PACKAGES
LIRTS (TELESCOPE)
∞ LOADING
LOADS (FORCES)
PASSENGERS
PAYLOAD ASSIST MODULE
PAYLOAD CONTROL
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD INTEGRATION
PAYLOAD INTEGRATION PLAN
PAYLOAD STATIONS
PIGGYBACK SYSTEMS
SPACE PROCESSING APPLICATIONS
ROCKET
SPACE TRANSPORTATION
SPACE TUGS
SPACEBORNE EXPERIMENTS
VERTICAL 8 ROCKET
WARHEADS
∞ WEIGHT
WEIGHT (MASS)

PBB

USE POLYBROMINATED BIPHENYLS

PBRE (REACTORS)

USE PEBBLE BED REACTORS

PCB

USE POLYCHLORINATED BIPHENYLS

PCM (MATERIALS)

USE PHASE CHANGE MATERIALS

PCM (MODULATION)

USE PULSE CODE MODULATION

PCM TELEMETRY

GS TELECOMMUNICATION
TELEMETRY
PCM TELEMETRY
TRANSMISSION
SIGNAL TRANSMISSION
PCM TELEMETRY
RT DIFFERENTIAL PULSE CODE
MODULATION
PULSE CODE MODULATION

PD-808 AIRCRAFT

UF DOUGLAS PD-808 AIRCRAFT
PIAGGIO-DOUGLAS PD-808 AIRCRAFT
GS JET AIRCRAFT
PD-808 AIRCRAFT
LIGHT AIRCRAFT
PD-808 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
PD-808 AIRCRAFT
MONOPLANES
PD-808 AIRCRAFT
PIAGGIO AIRCRAFT
PD-808 AIRCRAFT
UTILITY AIRCRAFT
PD-808 AIRCRAFT
RT ∞ AIRCRAFT
PASSENGER AIRCRAFT

PDM (MODULATION)

USE PULSE DURATION MODULATION

PDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 7 COMPUTER
PDP 8 COMPUTER
PDP 9 COMPUTER
PDP 10 COMPUTER
PDP 11 COMPUTER
PDP 11/20 COMPUTER
PDP 11/40 COMPUTER
PDP 11/45 COMPUTER
PDP 11/50 COMPUTER
PDP 11/70 COMPUTER
PDP 12 COMPUTER

PDP 7 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 7 COMPUTER
RT PDP 9 COMPUTER

PDP 8 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 8 COMPUTER

PDP 9 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 9 COMPUTER
RT PDP 7 COMPUTER

PDP 10 COMPUTER

UF SYSTEM 10 COMPUTER
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 10 COMPUTER

PDP 11 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11 COMPUTER

PDP 11/20 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11/20 COMPUTER

PDP 11/40 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11/40 COMPUTER

PDP 11/45 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11/45 COMPUTER

PDP 11/50 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11/50 COMPUTER

PDP 11/70 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 11/70 COMPUTER

PDP 12 COMPUTER

PDP 12 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
PDP 12 COMPUTER

PDP 15 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP 15 COMPUTER

PEACETIME

RT ELECTRONIC WARFARE
HISTORIES
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
WARFARE

∞ PEAKS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT APEXES
EXTREMUM VALUES
MAXIMA
MOUNTAINS
PLATEAUS

PEAKS (LANDFORMS)

UF PINNACLES
GS LANDFORMS
PEAKS (LANDFORMS)
PIKE'S PEAK (CO)
RT MOUNTAINS
OROGRAPHY
TOPOGRAPHY

PEARLITE

RT CEMENTITE
FERRITES
IRON ALLOYS
MICROSTRUCTURE
STEELS

PEARSON DISTRIBUTIONS

GS FUNCTIONS (MATHEMATICS)
PROBABILITY DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
STATISTICAL ANALYSIS
PROBABILITY DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
STATISTICAL DISTRIBUTIONS
PEARSON DISTRIBUTIONS

PEAT

GS CARBONACEOUS MATERIALS
PEAT
ORGANIC MATERIALS
PEAT
SEDIMENTARY ROCKS
PEAT
RT COAL

PEBBLE BED REACTORS

UF PBRE (REACTORS)
GS NUCLEAR REACTORS
PEBBLE BED REACTORS
RT REACTOR DESIGN
REACTOR TECHNOLOGY

PECLET NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
PECLET NUMBER
RT ADVECTION
HEAT TRANSFER
PRANDTL NUMBER
REYNOLDS NUMBER
THERMAL DIFFUSION

PECULIAR STARS

GS CELESTIAL BODIES
STARS
PECULIAR STARS
SYMBIOTIC STARS
RT A STARS
B STARS
HOT STARS
MAGNETIC STARS
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY
STELLAR STRUCTURE

PEDALS

RT LEVERS
MANUAL CONTROL

PEDIMENTS

USE PIEDMONT

PEDIPLAINS

USE PIEDMONT

PEDOLOGY

USE SOIL SCIENCE

PEELING

RT ADHESION
CUTTING
DELAMINATING
FLAKING
MECHANICAL PROPERTIES
SHEDDING
∞ STRIPPING

PEENING

GS METAL FINISHING
PEENING
SHOT PEENING
RT COLD WORKING
HARDENING (MATERIALS)
METAL WORKING
WORK HARDENING

PEGASUS COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
PEGASUS COMPUTER

PEGASUS ENGINE

USE BRISTOL-SIDDELEY BS 53 ENGINE

PEGASUS SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
PEGASUS SATELLITES
RT SATURN PROJECT

PELAGIC ZONE

GS REGIONS
PELAGIC ZONE
RT OCEANOGRAPHY

PELLETS

RT BRIQUETS
FUEL CAPSULES
GRANULAR MATERIALS
NUCLEAR FUELS
∞ SHOT

PELLICLE

RT THIN FILMS

PELOMYXA

GS ANIMALS
AMOEBAS
PELOMYXA
INVERTEBRATES
PROTOZOA
PELOMYXA
MICROORGANISMS
PROTOZOA
AMOEBAS
PELOMYXA

PELTIER EFFECTS

RT ∞ EFFECTS
SEEBECK EFFECT
TEMPERATURE EFFECTS
THERMOCOUPLES
THERMOELECTRIC COOLING
THERMOELECTRICITY
THERMOPHYSICAL PROPERTIES

PELVIS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
PELVIS
RT GIRDLES

PENALTIES

GS LAW (JURISPRUDENCE)
PUBLIC LAW
PENALTIES
RT AIR LAW
DISCIPLINE

NASA THESAURUS (VOLUME 1)

PENALTIES-(CONT)

JUDGMENTS
LEGAL LIABILITY
LIABILITIES
PROHIBITION
REGULATIONS

PENALTY FUNCTION

GS FUNCTIONS (MATHEMATICS)
PENALTY FUNCTION
RT CONSTRAINTS
∞ FUNCTIONS
MAXIMA
MINIMA
OPTIMIZATION

PENDULOUS GYROSCOPES

USE GYROSCOPIC PENDULUMS

PENDULUMS

GS OSCILLATORS
MECHANICAL OSCILLATORS
PENDULUMS
GYROSCOPIC PENDULUMS
RT ACCELEROMETERS
GRAVITATION
MOMENTUM
OSCILLATIONS
TIMING DEVICES

PENEPLAINS

GS LAND
PLAINS
PENEPLAINS
RT EROSION
GEOLOGY
SOIL EROSION
TOPOGRAPHY
WIND EROSION

PENETRANTS

RT ∞ AGENTS
PRESERVATIVES
RETARDANTS

PENETRATING PARTICLES

USE CORPUSCULAR RADIATION

PENETRATION

RT DIFFUSION
DRILLING
FRAGMENTATION
HYDRODYNAMIC RAM EFFECT
IMPACT
NUCLEAR VULNERABILITY
PERCOLATION
PERFORATING
PERMEABILITY
PERMEATING
PIERCING
∞ SATURATION
SEEPAGE
TERMINAL BALLISTICS
VULNERABILITY

PENETRATION BALLISTICS

USE TERMINAL BALLISTICS

PENETROMETERS

GS MEASURING INSTRUMENTS
PENETROMETERS
RT LUNAR SOIL

PENICILLIN

GS DRUGS
ANTIBIOTICS
PENICILLIN
STERIODS
PENICILLIN

PENINSULAR RANGES (CA)

GS LANDFORMS
MOUNTAINS
PENINSULAR RANGES (CA)
RT CALIFORNIA

PENINSULAS

GS LANDFORMS
PENINSULAS
DELMARVA PENINSULA (DE-MD-VA)
RT ISTHUSES
LAND
WATER

PENNING DISCHARGE
 GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
PENNING DISCHARGE
 RT ELECTRODELESS DISCHARGES
 GAS IONIZATION
 ION MOTION
 PLASMA GENERATORS

PENNING EFFECT
 RT ∞ EFFECTS
 GAS IONIZATION
 METASTABLE ATOMS

PENNING GAGES
 GS MEASURING INSTRUMENTS
 PRESSURE GAGES
 VACUUM GAGES
 IONIZATION GAGES
PENNING GAGES
 VACUUM APPARATUS
 VACUUM GAGES
 IONIZATION GAGES
PENNING GAGES

PENNSYLVANIA
 GS NATIONS
 UNITED STATES
PENNSYLVANIA
 RT ALLEGHENY PLATEAU (US)
 DELAWARE BAY (US)
 DELAWARE RIVER BASIN (US)
 OHIO RIVER (US)
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)

∞ **PENS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF STYLUSES
 RT ENCLOSURES
 RECORDING INSTRUMENTS

PENTABORANES
 GS BORON COMPOUNDS
 BORON HYDRIDES
 BORANES
PENTABORANES
 HYDROGEN COMPOUNDS
 HYDRIDES
 BORON HYDRIDES
 BORANES
PENTABORANES

PENTACHLORIDES
 USE CHLORIDES

PENTAERYTHRITOL TETRANITRATE
 USE PETN

PENTANES
 GS ALIPHATIC COMPOUNDS
 ALKANES
PENTANES
 NEOPENTANE
 HYDROCARBONS
 ALKANES
PENTANES
 NEOPENTANE

PENTANONE
 GS ALIPHATIC COMPOUNDS
 KETONES
PENTANONE
 ORGANIC COMPOUNDS
PENTANONE
 RT ACETONE
 ACETYLACETONE

PENTOBARBITAL
 RT DRUGS
 NARCOTICS
 SEDATIVES

PENTOBARBITAL SODIUM
 GS DRUGS
PENTOBARBITAL SODIUM
 RESERPINE
 RT NEMBUTAL (TRADEMARK)

PENTODES
 RT ELECTRON TUBES
 SEMICONDUCTOR DEVICES

PENTODES-(CONT)
 TETRODES
 TRANSISTORS
 VACUUM TUBES

PENTOLITE
 GS EXPLOSIVES
PENTOLITE
 PROPELLANTS
PENTOLITE

PENTOSE
 GS ALIPHATIC COMPOUNDS
 SUGARS
PENTOSE
 RIBOSE
 XYLOSE
 CARBOHYDRATES
 SUGARS
PENTOSE
 RIBOSE
 XYLOSE

PENUMBRAS
 GS SHADOWS
PENUMBRAS
 RT ECLIPSES
 UMBRAS

PEOPLE SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 FRENCH SATELLITES
PEOPLE SATELLITES
 RT GEOPHYSICAL SATELLITES

PEOPLES DEMOCRATIC REPUBLIC OF GERMANY
 USE EAST GERMANY

PEPPERS
 RT ∞ FOOD

PEPSIN
 GS ENZYMES
PEPSIN
 RT PAPAIN

PEPTIDES
 GS ACIDS
 AMINO ACIDS
PEPTIDES
 HYPERTENSIN
 ORGANIC COMPOUNDS
 AMINO ACIDS
PEPTIDES
 HYPERTENSIN
 POLYPEPTIDES
 PROTEINS
PEPTIDES
 HYPERTENSIN
 POLYPEPTIDES
 RT ASPARTIC ACID

PERCENTAGE
 USE RATIOS

PERCEPTION
 GS **PERCEPTION**
 AUDITORY PERCEPTION
 BINAURAL HEARING
 MOTION PERCEPTION
 SENSORY PERCEPTION
 CONSCIOUSNESS
 EXTRASENSORY PERCEPTION
 KINESTHESIA
 OLFACTORY PERCEPTION
 PAIN
 PAIN SENSITIVITY
 PROPRIOCEPTION
 AUTOKINESIS
 TASTE
 TOUCH
 TACTILE DISCRIMINATION
 VERTICAL PERCEPTION
 VIBRATION PERCEPTION
 VISUAL PERCEPTION
 CRITICAL FLICKER FUSION
 SPACE PERCEPTION
 AUTOKINESIS
 VISUAL DISCRIMINATION
 SOUND LOCALIZATION
 RT ACUITY
 ADAPTATION
 ARTIFICIAL INTELLIGENCE

PERCEPTION-(CONT)
 CHARACTER RECOGNITION
 COGNITION
 COLOR
 CONTRAST
 ELECTROCUTANEOUS COMMUNICATION
 ∞ FREQUENCY RESPONSE
 IDENTIFYING
 ILLUSIONS
 IMAGES
 ∞ INTERPRETATION
 KNOWLEDGE
 LEGIBILITY
 MONOCULAR VISION
 PERCEPTUAL TIME CONSTANT
 READING
 RESOLUTION
 RETINAL ADAPTATION
 SENSITIVITY
 SENSORY DEPRIVATION
 SENSORY FEEDBACK
 SYMBOLS
 THRESHOLDS (PERCEPTION)
 VISIBILITY
 VISION

PERCEPTONS
 USE SELF ORGANIZING SYSTEMS

PERCEPTUAL ERRORS
 RT DISPLAY DEVICES
 VISUAL PERCEPTION
 VISUAL STIMULI

PERCEPTUAL TIME CONSTANT
 GS CONSTANTS
 TIME CONSTANT
PERCEPTUAL TIME CONSTANT
 RT PERCEPTION
 REACTION TIME
 SENSE ORGANS
 SENSORIMOTOR PERFORMANCE
 VELOCITY

PERCHLORATES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
PERCHLORATES
 ALUMINUM PERCHLORATES
 AMMONIUM PERCHLORATES
 HYDRAZINE PERCHLORATES
 HYDROGEN PERCHLORATE
 HYDROXYLAMMONIUM
 PERCHLORATES
 LITHIUM PERCHLORATES
 MAGNESIUM PERCHLORATES
 NITRONIUM PERCHLORATE
 POTASSIUM PERCHLORATES
 RT CHLORATES
 PERCHLORIC ACID

PERCHLORIC ACID
 GS ACIDS
PERCHLORIC ACID
 RT PERCHLORATES

PERCHLORYL FLUORIDES
 GS HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
PERCHLORYL FLUORIDES
 HALIDES
 FLUORIDES
PERCHLORYL FLUORIDES

PERCOLATION
 RT BEDS (PROCESS ENGINEERING)
 CONCENTRATING
 DIFFUSION
 EXTRACTION
 FILTRATION
 INTERSTICES
 LEACHING
 LYSIMETERS
 PENETRATION
 PERMEABILITY
 PERMEATING
 SEEPAGE
 ∞ SEPARATION
 VOIDS

PERCUS METHOD
 RT FLOW EQUATIONS
 INTEGRAL EQUATIONS
 ∞ METHODOLOGY

PERCUSSION

PERCUSSION

RT DETONATION
IMPACT
PHYSICAL EXAMINATIONS
PRIMERS (EXPLOSIVES)

PERFECT GAS

USE IDEAL GAS

PERFLUORO COMPOUNDS

GS **PERFLUORO COMPOUNDS**
PERFLUOROALKANE
PERFLUOROGUANIDINE

PERFLUOROALKANE

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
DIFLUORO COMPOUNDS
PERFLUOROALKANE
FLUORINE ORGANIC COMPOUNDS
PERFLUOROALKANE
ORGANIC COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
PERFLUOROALKANE
PERFLUORO COMPOUNDS
PERFLUOROALKANE

PERFLUOROGUANIDINE

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
PERFLUOROGUANIDINE
ORGANIC COMPOUNDS
FLUORINE ORGANIC COMPOUNDS
PERFLUOROGUANIDINE
PERFLUORO COMPOUNDS
PERFLUOROGUANIDINE
GUANIDINES

PERFORATED PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
PERFORATED PLATES
RT ANISOTROPIC PLATES
CAVITIES
HOLE GEOMETRY (MECHANICS)
OPENINGS
∞ PERFORATION
STRESS CONCENTRATION

PERFORATED SHELLS

GS SHELLS (STRUCTURAL FORMS)
PERFORATED SHELLS
RT ARCHES
CAVITIES
ENCLOSURES
FAIRINGS
HOLE DISTRIBUTION (MECHANICS)
HOLE GEOMETRY (MECHANICS)
HOUSINGS
HULLS (STRUCTURES)
MEMBRANE STRUCTURES
NACELLES
∞ PERFORATION
PRESSURE VESSEL DESIGN
ROCKET ENGINE CASES
SHELL THEORY
STRESS CONCENTRATION

PERFORATING

RT BURNTHROUGH (FAILURE)
CUTTING
DRILLING
FORMATIONS
FRACTURING
GAS INJECTION
INJECTION
METAL CUTTING
METAL WORKING
PENETRATION
∞ PERFORATION
PIERCING
WATER INJECTION

∞ PERFORATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CAVITIES
PERFORATED PLATES
PERFORATED SHELLS
PERFORATING
PIERCING

∞ PERFORMANCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRCRAFT PERFORMANCE
ASTRONAUT PERFORMANCE
COMFORT
COMPLEXITY
COMPUTER SYSTEMS PERFORMANCE
CONSISTENCY
EFFICIENCY
EFFORT
ENVIRONMENTS
EVALUATION
EXAMINATION
FATIGUE (BIOLOGY)
FIGURE OF MERIT
FLIGHT CHARACTERISTICS
HUMAN FACTORS ENGINEERING
HUMAN PERFORMANCE
LONG TERM EFFECTS
MENTAL PERFORMANCE
MODULATION TRANSFER FUNCTION
OBSERVATION
OPERATOR PERFORMANCE
OPTICAL TRANSFER FUNCTION
OUTPUT
PERFORMANCE TESTS
PILOT PERFORMANCE
POSTFLIGHT ANALYSIS
PROPULSION SYSTEM PERFORMANCE
QUALITY
RATINGS
RELIABILITY
SPACECRAFT PERFORMANCE
STANDARDS
TASK COMPLEXITY
TRAINING EVALUATION

PERFORMANCE PREDICTION

GS FORECASTING
PERFORMANCE PREDICTION
PREDICTION ANALYSIS TECHNIQUES
PREDICTIONS
PERFORMANCE PREDICTION
RT EVALUATION
MANAGEMENT
RELIABILITY
RELIABILITY ANALYSIS
RELIABILITY ENGINEERING

PERFORMANCE TESTS

SN (APPLY ONLY TO OPERATING EQUIPMENT)
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
CERTIFICATION
CHECKOUT
COMPUTER SYSTEMS PERFORMANCE
INSPECTION
∞ PERFORMANCE
SPACE VEHICLE CHECKOUT PROGRAM
SPECIFICATIONS
STANDARDS
∞ TESTS

PERFUSION

USE DIFFUSION

PERICLASE

GS CHALCOGENIDES
OXIDES
METAL OXIDES
ALKALINE EARTH OXIDES
MAGNESIUM OXIDES
PERICLASE
MAGNESIUM COMPOUNDS
MAGNESIUM OXIDES
PERICLASE

PERIDOTITE

UF KIMBERLITE
GS ROCKS
IGNEOUS ROCKS
PERIDOTITE
RT CHROMITES
DUNITE
OLIVINE
REGOLITH
SOILS

PERIGEE-APOGEE SATELLITES

USE PAS

NASA THESAURUS (VOLUME 1)

PERIGEEES

GS APSIDES
PERIGEEES
ORBITS
EARTH ORBITS
PERIGEEES
ELLIPTICAL ORBITS
PERIGEEES
RT APOGEEES
PERILUNES

PERIHELIONS

SN (PERIASTRONS IN THE SOLAR SYSTEM)
GS APSIDES
PERIHELIONS
ORBITS
ELLIPTICAL ORBITS
PERIHELIONS
SOLAR ORBITS
PERIHELIONS
RT APHELIONS

PERILUNES

GS APSIDES
PERILUNES
RT LUNAR ORBITS
LUNAR SATELLITES
PERIGEEES

PERIOD EQUATIONS

USE PERIODIC FUNCTIONS

PERIODIC FUNCTIONS

UF PERIOD EQUATIONS
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS
RT FLOQUET THEOREM
FOURIER ANALYSIS

PERIODIC ORBITS

USE ORBITS

PERIODIC PROCESSES

USE CYCLES

PERIODIC VARIATIONS

UF PERIODICITY
GS VARIATIONS
PERIODIC VARIATIONS
ANNUAL VARIATIONS
DIURNAL VARIATIONS
NOCTURNAL VARIATIONS
SECULAR VARIATIONS
RT AUTOCORRELATION
CATACLYSMIC VARIABLES
CLIMATOLOGY
CYCLES
DENDROCHRONOLOGY
EL NINO
EXTRAPOLATION
FOURIER ANALYSIS
LONG TERM EFFECTS
OSCILLATIONS
OSCILLATORS
POLAR WANDERING (GEOLOGY)
∞ RHYTHM
TRENDS
VARIABILITY
VARIABLE STARS

PERIODICALS

UF JOURNALS (DOCUMENTS)
GS DOCUMENTS
PERIODICALS
RT ∞ JOURNALS
RECORDS

PERIODICITY

USE PERIODIC VARIATIONS

PERIODICITY (BIOLOGY)

USE RHYTHM (BIOLOGY)

NASA THESAURUS (VOLUME 1)

PERSONNEL MANAGEMENT

PERIPHERAL CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
PERIPHERAL CIRCULATION

PERIPHERAL EQUIPMENT (COMPUTERS)

GS PERIPHERAL EQUIPMENT (COMPUTERS)
ACCUMULATORS (COMPUTERS)
COMPUTER STORAGE DEVICES
BUFFER STORAGE
CRYOGENIC COMPUTER STORAGE
MAGNETIC TAPES
COMPUTER COMPATIBLE TAPES
OPTICAL DISKS
RANDOM ACCESS MEMORY
READ-ONLY MEMORY DEVICES
REGISTERS (COMPUTERS)
CONSOLES
REMOTE CONSOLES
INTEL 8080 MICROPROCESSOR
RT ∞ EQUIPMENT

PERIPHERAL JET FLOW

GS FLUID FLOW
JET FLOW
PERIPHERAL JET FLOW
RT DOWNWASH
GROUND EFFECT (AERODYNAMICS)
GROUND EFFECT MACHINES
LIFT AUGMENTATION

PERIPHERAL NERVOUS SYSTEM

GS NERVOUS SYSTEM
PERIPHERAL NERVOUS SYSTEM
RT NEUROMUSCULAR TRANSMISSION
∞ SYSTEMS

PERIPHERAL VISION

GS VISION
PERIPHERAL VISION
RT SPACE PERCEPTION
VISUAL ACUITY
VISUAL FIELDS

PERIPHERIES

USE BOUNDARIES

PERISCOPES

GS OPTICAL EQUIPMENT
PERISCOPES
RT BINOCULARS
EYEPICES
OPTICAL MEASURING INSTRUMENTS
TELESCOPES
VIEWING

PERITONEUM

GS TISSUES (BIOLOGY)
PERITONEUM
RT ABDOMEN
MEMBRANES

PERMAFROST

UF FROZEN SOILS
GS SOILS
PERMAFROST
RT AUFEIS (ICE)
POLAR REGIONS

PERMALLOYS (TRADEMARK)

GS ALLOYS
PERMALLOYS (TRADEMARK)
MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
PERMALLOYS (TRADEMARK)
RT IRON ALLOYS
MAGNETS
MOLYBDENUM ALLOYS
NICKEL ALLOYS

PERMANGANATES

GS MANGANESE COMPOUNDS
PERMANGANATES
RT MANGANESE IONS

PERMEABILITY

SN (EXCLUDES MAGNETIC PERMEABILITY)
GS PERMEABILITY
DIELECTRIC PERMEABILITY
RT AQUIFERS
DENSITY (MASS/VOLUME)
DIFFUSION
DIFFUSIVITY
DRAINAGE

PERMEABILITY-(CONT)

FORMATIONS
INFILTRATION
INTERSTICES
LEACHING
LEAKAGE
MECHANICAL PROPERTIES
PENETRATION
PERCOLATION
PERMEATING
∞ PHYSICAL PROPERTIES
POROSITY
∞ RESISTANCE
SEEPAGE
SURFACE PROPERTIES
VOID RATIO
VOIDS
WETTABILITY

PERMEATING

RT ∞ ABSORPTION
DESORPTION
DIALYSIS
DIFFUSION
DISPERSING
IMPREGNATING
OSMOSIS
PENETRATION
PERCOLATION
PERMEABILITY
POROSITY
REVERSE OSMOSIS
∞ SATURATION
SORPTION
TRANSPIRATION

PERMISSIVITY

RT COMPATIBILITY
PSYCHOLOGICAL FACTORS

PERMITTIVITY

UF DIELECTRIC CONSTANT
GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
DIELECTRIC PROPERTIES
PERMITTIVITY
RT ELECTRIC FIELDS
FIELD STRENGTH

PERMUTATIONS

GS ANALYSIS (MATHEMATICS)
COMBINATORIAL ANALYSIS
PERMUTATIONS
RT ∞ COMBINATION
COMBINATIONS (MATHEMATICS)
PARTITIONS (MATHEMATICS)
SET THEORY

PEROVSKITES

GS CALCIUM COMPOUNDS
PEROVSKITES
MINERALS
PEROVSKITES
TITANIUM COMPOUNDS
TITANATES
PEROVSKITES

PEROXIDES

GS CHALCOGENIDES
OXIDES
ANHYDRIDES
PEROXIDES
INORGANIC PEROXIDES
ORGANIC PEROXIDES
SODIUM PEROXIDES
RT DIOXIDES

PERSEID METEORIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
PERSEID METEORIDS
METEORIDS
PERSEID METEORIDS

PERSHING MISSILE

GS MISSILES
BALLISTIC MISSILES
PERSHING MISSILE
SURFACE TO SURFACE MISSILES
PERSHING MISSILE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

PERSIAN GULF

GS GULFS
PERSIAN GULF
RT INLETS (TOPOGRAPHY)

PERSONAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MICROCOMPUTERS
PERSONAL COMPUTERS
RT COMPUTER TECHNIQUES

PERSONALITY

RT DEPERSONALIZATION
PERSONNEL SELECTION

PERSONALITY TESTS

RT PSYCHOLOGICAL TESTS
PSYCHOMETRICS
QUALIFICATIONS
∞ TESTS

PERSONNEL

GS PERSONNEL
AIR TRAFFIC CONTROLLERS
(PERSONNEL)
CREWS
FLIGHT CREWS
SPACECREWS
ENEMY PERSONNEL
FLYING PERSONNEL
ASTRONAUTS
ORBITAL WORKERS
COSMONAUTS
FLIGHT CREWS
SPACECREWS
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
GROUND CREWS
INSTRUCTORS
MEDICAL PERSONNEL
FLIGHT NURSES
PHYSICIANS
SURGEONS
FLIGHT SURGEONS
NAVIGATORS
OPERATORS (PERSONNEL)
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
POLICE
PROGRAMMERS
SCIENTISTS
RT ∞ COMPLEMENT
CONSULTING
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW STATIONS
CREW WORKSTATIONS
DEPERSONALIZATION
DEPLOYMENT
EMPLOYEE RELATIONS
∞ ESTIMATORS
HELMET MOUNTED DISPLAYS
INCENTIVES
INHABITANTS
MANPOWER
OCCUPATION
ORGANIZING
POSITION (TITLE)
QUALIFICATIONS
RESEARCH MANAGEMENT
RESOURCES
RETIREMENT
RETRAINING
SERVICES
UNIONIZATION
WAGE SURVEYS

PERSONNEL DEVELOPMENT

RT ∞ DEVELOPMENT
EMPLOYEE RELATIONS
MANAGEMENT
RESOURCES
TRAINING ANALYSIS

PERSONNEL MANAGEMENT

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
PERSONNEL MANAGEMENT
RT EMPLOYEE RELATIONS
HUMAN RELATIONS
LEADERSHIP

PERSONNEL PROPULSION SYSTEMS

PERSONNEL MANAGEMENT-(CONT)

MANAGEMENT PLANNING

PERSONNEL PROPULSION SYSTEMS

USE SELF MANEUVERING UNITS

PERSONNEL SELECTION

GS SELECTION
PERSONNEL SELECTION
PILOT SELECTION
RT APTITUDE
EMPLOYMENT
LABOR
PERSONALITY
PHYSICAL EXAMINATIONS
PHYSIOLOGICAL TESTS

PERSONNEL SUBSYSTEMS

RT INDUSTRIES

PERSPEX (TRADEMARK)

GS PLASTICS
PERSPEX (TRADEMARK)

PERSPIRATION

UF SWEATING
RT BODY FLUIDS
BODY TEMPERATURE
EVAPORATION
EXCRETION
FECES
HEAT ACCLIMATIZATION
HUMIDITY
PALMAR SWEAT INDEX
SKIN (ANATOMY)
SWEAT
TRANSPIRATION

PERT

RT COMMERCE
CONTRACT MANAGEMENT
CRITICAL PATH METHOD
GERT
MANAGEMENT ANALYSIS
MANAGEMENT METHODS
MANAGEMENT PLANNING
∞ PATHS
PROGRAM TREND LINE ANALYSIS
PROJECT MANAGEMENT

PERTURBATION

GS PERTURBATION
ORBIT PERTURBATION
SATELLITE PERTURBATION
RT ∞ DISTURBANCES
FOUR BODY PROBLEM
GEODESY
LONG TERM EFFECTS
MANY BODY PROBLEM
NUTATION
ORBITAL MECHANICS
OSCILLATIONS
OSCILLATORS
RADIATION PRESSURE
SCHACH EFFECT
THREE BODY PROBLEM
TWO BODY PROBLEM
VARIATIONS

PERTURBATION THEORY

UF DISTURBANCE THEORY
GS PERTURBATION THEORY
VINTI THEORY
RT BOUSSINESQ APPROXIMATION
CELESTIAL MECHANICS
DISTURBING FUNCTIONS
HANSEN LUNAR THEORY
HARTREE APPROXIMATION
HILL LUNAR THEORY
HILL METHOD
MANY BODY PROBLEM
OPERATORS (MATHEMATICS)
ORBIT PERTURBATION
ORBITAL ELEMENTS
QUANTUM THEORY
STRANGE ATTRACTORS
TAYLOR INSTABILITY
∞ THEORIES
VON ZEIPER METHOD
WAVE FUNCTIONS
WENTZEL-KRAMER-BRILLOUIN METHOD
YANG-MILLS FIELDS
YANG-MILLS THEORY

PERU

GS NATIONS
PERU
RT SOUTH AMERICA

PERVEANCE

GS RATIOS
PERVEANCE
RT CHILD-LANGMUIR LAW
SPACE CHARGE
THERMIONIC DIODES
VACUUM TUBES
WORK FUNCTIONS

PESTICIDES

GS POISONS
PESTICIDES
INSECTICIDES
DIELDRIN
RT CROP DUSTING
ENVIRONMENTAL CHEMISTRY
TOXICOLOGY

PETALS

RT PLANTS (BOTANY)

PETECHIA

GS HEMORRHAGES
PETECHIA
RT SKIN (ANATOMY)

PETN

UF PENTAERYTHRITOL TETRANITRATE
GS ESTERS
ORGANIC NITRATES
PETN
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
PETN
RT EXPLOSIVES

PETREL SOUNDING ROCKET

GS ROCKET VEHICLES
SOUNDING ROCKETS
PETREL SOUNDING ROCKET
RT ∞ ROCKETS

PETRI NETS

GS NETS
PETRI NETS
RT CONSECUTIVE EVENTS
DYNAMIC MODELS
GRAPHS (CHARTS)
INFORMATION THEORY
SEQUENCING
TREES (MATHEMATICS)

PETROGRAPHY

GS GEOLOGY
PETROLOGY
PETROGRAPHY
RT INLIERS (LANDFORMS)
ROCKS
SEDIMENTARY ROCKS

PETROLEUM

USE CRUDE OIL

PETROLEUM PRODUCTS

GS PRODUCTS
PETROLEUM PRODUCTS
ASPHALT
GREASES
TARS
RT CRUDE OIL
LUBRICANTS
METHANE
OILS
POLYNUCLEAR ORGANIC COMPOUNDS

PETROLOGY

GS GEOLOGY
PETROLOGY
PETROGRAPHY
RT CONES (VOLCANOES)
FORMATIONS
GEOCHEMISTRY
GEOLOGICAL SURVEYS
GEOPHYSICS
IMPACT MELTS
INLIERS (LANDFORMS)
MARS VOLCANOES
MINERALOGY

NASA THESAURUS (VOLUME 1)

PETROLOGY-(CONT)

ROCKS
STRATIGRAPHY
VOLCANOES
VOLCANOLOGY

PFAFF EQUATION

GS ANALYSIS (MATHEMATICS)
PFAFF EQUATION
RT DIFFERENTIAL EQUATIONS
∞ EQUATIONS
THERMODYNAMICS

PFM (MODULATION)

USE PULSE FREQUENCY MODULATION

PH

RT ACID BASE EQUILIBRIUM
ACID RAIN
ACIDITY
ACIDOSIS
ALKALINITY
ALKALOSIS
BUFFERS (CHEMISTRY)
HYDROGEN IONS

PH FACTOR

RT ACID BASE EQUILIBRIUM
ACIDOSIS
ALKALOSIS
HYDROGEN IONS
ION CONCENTRATION

PHANTASTRONS

GS CIRCUITS
DELAY CIRCUITS
PHANTASTRONS
OSCILLATORS
RELAXATION OSCILLATORS
PHANTASTRONS
RT FEEDBACK AMPLIFIERS

PHANTOM AIRCRAFT

GS JET AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
MCDONNELL AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
MONOPLANES
PHANTOM AIRCRAFT
SUPERSONIC AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
RT ∞ AIRCRAFT

PHARMACOLOGY

GS PHARMACOLOGY
PSYCHOPHARMACOLOGY
RT ANESTHESIOLOGY
ANTIRADIATION DRUGS
BIOPROCESSING
CYCLIC AMP
DRUGS
MEDICAL SCIENCE
∞ MEDICINE
MOTION SICKNESS DRUGS
VASOCONSTRICTOR DRUGS
VETERINARY MEDICINE

PHARYNX

GS ANATOMY
RESPIRATORY SYSTEM
BRONCHIAL TUBE
PHARYNX

PHASE ANGLE

USE PHASE SHIFT

PHASE CHANGE MATERIALS

UF PCM (MATERIALS)
RT CERESIN
CONDENSING
FUSION (MELTING)
HEAT OF FUSION
HEAT STORAGE
HEAT TRANSFER
LIQUID-SOLID INTERFACES
∞ MATERIALS
MELTING
ORGANIC MATERIALS
PHASE TRANSFORMATIONS
SOLAR ENERGY

NASA THESAURUS (VOLUME 1)

PHENOLIC EPOXY RESINS

PHASE CHANGE MATERIALS-(CONT)

SOLAR ENERGY CONVERSION
SOLAR HEATING
SUBLIMATION
TROMBE WALLS
WAXES
WORKING FLUIDS

PHASE COHERENCE

RT ∞ COHERENCE
COHERENCE COEFFICIENT
COHERENT LIGHT
WAVE FRONTS

PHASE CONJUGATION

GS CONJUGATION
PHASE CONJUGATION

PHASE CONTRAST

GS CONTRAST
PHASE CONTRAST
RT DIFFRACTION PATTERNS
ELECTRON MICROSCOPY
MICROSCOPY
OPTICAL MEASUREMENT
OPTICAL PATHS

PHASE CONTROL

RT CIRCUIT PROTECTION
CONTROL
 ∞ CONTROL
PHASE LOCKED SYSTEMS
TRANSFORMERS

PHASE DEMODULATORS

GS DEMODULATORS
PHASE DEMODULATORS
RT MODEMS

PHASE DETECTORS

GS CIRCUITS
PHASE DETECTORS
SYNCHROSCOPES
RT ∞ DETECTORS
PHASE LOCKED SYSTEMS
SIGNAL DETECTION
SYNCHRONISM

PHASE DEVIATION

RT MODULATED CONTINUOUS RADIATION

PHASE DIAGRAMS

UF CONSTITUTIONAL DIAGRAMS
EQUILIBRIUM DIAGRAMS
EUTECTIC DIAGRAMS
GS DIAGRAMS
PHASE DIAGRAMS
RT ALLOYS
BINARY SYSTEMS (MATERIALS)
CRITICAL TEMPERATURE
EUTECTICS
HEAT OF FUSION
HEAT TREATMENT
INTERMETALLICS
LIQUID PHASES
LIQUIDS
LIQUIDUS
MELTING POINTS
SOLID PHASES
SOLID SOLUTIONS
SOLID SUSPENSIONS
SOLUBILITY
STOICHIOMETRY
TRANSITION POINTS
TRANSITION TEMPERATURE
VAPOR PHASES

PHASE ERROR

GS ERRORS
PHASE ERROR
RT CIRCUIT PROTECTION
ERROR SIGNALS

PHASE LOCK DEMODULATORS

GS DEMODULATORS
PHASE LOCK DEMODULATORS
RT CORRELATION DETECTION
PARAMETRONS

PHASE LOCKED SYSTEMS

RT FEEDBACK FREQUENCY MODULATION
OPTICAL COUPLING
PHASE CONTROL
PHASE DETECTORS
SYNCHRONIZED OSCILLATORS

PHASE LOCKED SYSTEMS-(CONT)

∞ SYSTEMS
TRACKING FILTERS

PHASE MATCHING

RT CRYSTAL OPTICS
CRYSTALS
FREQUENCY MULTIPLIERS
HARMONIC GENERATIONS
LASER OUTPUTS
LASERS

PHASE MODULATION

GS MODULATION
PHASE MODULATION
FM/PM (MODULATION)
PHASE SHIFT KEYING
RT AMPLITUDE MODULATION
DEMULATION
DEMODULATORS
FREQUENCY MODULATION
MODEMS
MODULATORS
PARAMETRIC FREQUENCY CONVERTERS
PULSE MODULATION
PUSH-PULL AMPLIFIERS

PHASE RULE

GS RULES
PHASE RULE
RT CHEMICAL EQUILIBRIUM
DEGREES OF FREEDOM
 ∞ GIBBS EQUATIONS

PHASE SHIFT

UF PHASE ANGLE
GS PHASE SHIFT
SAGNAC EFFECT
RT ANGLES (GEOMETRY)
EQUALIZERS (CIRCUITS)
MICROWAVE SWITCHING
 ∞ PHASES
 ∞ SHIFT

PHASE SHIFT CIRCUITS

GS CIRCUITS
PHASE SHIFT CIRCUITS
CIRCULATORS (PHASE SHIFT
CIRCUITS)
RT DELAY CIRCUITS
DUPLEX OPERATION
GYRATORS

PHASE SHIFT KEYING

GS KEYING
PHASE SHIFT KEYING
MODULATION
PHASE MODULATION
PHASE SHIFT KEYING
RT INFORMATION THEORY

PHASE SWITCHING INTERFEROMETERS

GS MEASURING INSTRUMENTS
INTERFEROMETERS
PHASE SWITCHING
INTERFEROMETERS
RT RADIO ASTRONOMY
RADIO TELESCOPES

PHASE TRANSFORMATIONS

GS PHASE TRANSFORMATIONS
ARC MELTING
FREEZING
VIBRATIONAL FREEZING
ZONE MELTING
LIQUEFACTION
COAL LIQUEFACTION
MARTENSITIC TRANSFORMATION
MELTING
FUSION (MELTING)
LEVITATION MELTING
VACUUM MELTING
VAPORIZING
BOILING
FILM BOILING
NUCLEATE BOILING
LEIDENFROST PHENOMENON
EVAPORATION
EVAPOTRANSPIRATION
PROPELLANT EVAPORATION
TRANSPIRATION
FLASHING (VAPORIZING)
PREVAPORIZATION
SUBLIMATION
RT COLD HARDENING

PHASE TRANSFORMATIONS-(CONT)

CONDENSING
CRITICAL TEMPERATURE
CRYSTALLIZATION
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
ELECTRON-HOLE DROPS
HEAT OF FUSION
MARTENSITE
MELT SPINNING
METAMORPHISM (GEOLOGY)
MUSHY ZONES
NEEL TEMPERATURE
ORDER-DISORDER TRANSFORMATIONS
PHASE CHANGE MATERIALS
 ∞ PHASES
SHAPE MEMORY ALLOYS
SOLIDIFICATION
SOLIDS
SYNTECTIC ALLOYS
 ∞ TRANSFORMATIONS
 ∞ TRANSITION
TRANSITION PRESSURE
TRANSITION TEMPERATURE

PHASE VELOCITY

GS RATES (PER TIME)
PHASE VELOCITY
VELOCITY
PHASE VELOCITY
RT ELECTROMAGNETIC RADIATION
GROUP VELOCITY
LANDAU DAMPING
PROPAGATION VELOCITY
QUANTUM MECHANICS
TRAVELING WAVES
WAVE FRONTS
WAVE PROPAGATION

PHASE-SPACE INTEGRAL

GS ANALYSIS (MATHEMATICS)
PHASE-SPACE INTEGRAL
RT CLASSICAL MECHANICS
EUCLIDEAN GEOMETRY
HYPERSPACES
STATE VECTORS

PHASED ARRAYS

GS ARRAYS
PHASED ARRAYS
RT ANTENNA ARRAYS
LINEAR ARRAYS
MONOPULSE ANTENNAS
SEISMOGRAPHS
STEERABLE ANTENNAS

∞ PHASES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CYCLES
LIQUID PHASES
LUNAR PHASES
PHASE SHIFT
PHASE TRANSFORMATIONS
SOLID PHASES
TERMINATOR LINES
VAPOR PHASES

PHENACETIN

USE ACETANILIDE

PHENANTHRENE

GS HYDROCARBONS
PHENANTHRENE
ISOMERS
PHENANTHRENE
RT ANTHRACENE
DYES

PHENOBARBITAL

RT DRUGS
NARCOTICS
SEDATIVES

PHENOL FORMALDEHYDE

RT FORMALDEHYDE
PHENOLIC RESINS
RESINS

PHENOLIC EPOXY RESINS

GS RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS

PHENOLIC RESINS

PHENOLIC EPOXY RESINS-(CONT)

PHENOLIC RESINS
PHENOLIC EPOXY RESINS
 RT ADHESIVES
 AMINES
 CROSSLINKING

PHENOLIC RESINS

GS PLASTICS
 SYNTHETIC RESINS
 THERMOSETTING RESINS
PHENOLIC RESINS
 MICARTA
 RESINS
 SYNTHETIC RESINS
 THERMOSETTING RESINS
PHENOLIC RESINS
 MICARTA
 PHENOLIC EPOXY RESINS
 RT PHENOL FORMALDEHYDE

PHENOLOGY

GS PHENOMENOLOGY
PHENOLOGY
 RT ACTIVITY CYCLES (BIOLOGY)
 BIOMETEOROLOGY
 CLIMATOLOGY
 COASTAL ECOLOGY
 ECOLOGY
 MIGRATION
 MOLTING
 RHYTHM (BIOLOGY)

PHENOLS

GS HYDROXYL COMPOUNDS
 ALCOHOLS
PHENOLS
 BISPHENOLS
 CRESOLS
 PHLOROGLUCINOL
 THYMOL
 RT THIOLS

PHENOMENOLOGY

GS **PHENOMENOLOGY**
 MEDICAL PHENOMENA
 MESOSCALE PHENOMENA
 PHENOLOGY
 RT CASE HISTORIES
 MEDICAL SCIENCE

PHENOTHIAZINES

GS HETEROCYCLIC COMPOUNDS
 AZINES
PHENOTHIAZINES
 PYRAZINES
 AZINES
PHENOTHIAZINES

PHENYLALANINE

GS ACIDS
 AMINO ACIDS
 ALANINE
PHENYLALANINE
 ORGANIC COMPOUNDS
 AMINO ACIDS
 ALANINE
PHENYLALANINE

PHENYLS

GS **PHENYLS**
 POLYCHLORINATED BIPHENYLS
 POLYPHENYLS
 TETRAPHENYLS
 TERPHENYLS
 RT PROPARGYL GROUPS

PHILCO 2000 COMPUTER

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
PHILCO 2000 COMPUTER

PHILIPPINES

GS LANDFORMS
 ISLANDS
 PACIFIC ISLANDS
PHILIPPINES
 NATIONS
PHILIPPINES

PHILIPS IONIZATION GAGES

GS MEASURING INSTRUMENTS
 PRESSURE GAGES

PHILIPS IONIZATION GAGES-(CONT)

VACUUM GAGES
 IONIZATION GAGES
PHILIPS IONIZATION GAGES
 VACUUM APPARATUS
 VACUUM GAGES
 IONIZATION GAGES
PHILIPS IONIZATION GAGES
 RT PRESSURE MEASUREMENT

PHILOSOPHY

GS KNOWLEDGE
PHILOSOPHY
 PARADOXES
 RT LITERATURE
 ∞ LOGIC
 MATHEMATICAL LOGIC

PHLOROGLUCINOL

GS HYDROXYL COMPOUNDS
 ALCOHOLS
 PHENOLS
PHLOROGLUCINOL
 RT CHEMICAL INDICATORS
 RESINS

PHOBIAS

GS **PHOBIAS**
 FEAR
 FEAR OF FLYING
 RT ANXIETY
 EMOTIONAL FACTORS

PHOBOS

GS CELESTIAL BODIES
PHOBOS
 RT DEIMOS
 MARS (PLANET)
 SATURN (PLANET)

PHOEBUS NUCLEAR REACTOR

GS NUCLEAR REACTORS
PHOEBUS NUCLEAR REACTOR
 RT KIWI REACTORS
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR ROCKET ENGINES

PHOENIX (AZ)

GS CITIES
PHOENIX (AZ)
 RT ARIZONA

PHOENIX QUADRANGLE (AZ)

GS LANDFORMS
PHOENIX QUADRANGLE (AZ)
 RT ARIZONA
 GEODETIC SURVEYS
 MAPPING

PHOENIX SOUNDING ROCKET

GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
PHOENIX SOUNDING ROCKET
 SOUNDING ROCKETS
PHOENIX SOUNDING ROCKET
 RT SOLID PROPELLANT ROCKET ENGINES

PHONEMES

GS LINGUISTICS
PHONEMES
 SPEECH
PHONEMES
 RT LANGUAGES
 PHONEMICS
 PHONETICS
 PSYCHOLINGUISTICS
 SPEECH RECOGNITION
 WORDS (LANGUAGE)

PHONEMICS

GS LINGUISTICS
PHONEMICS
 RT INTELLIGIBILITY
 LANGUAGES
 PHONEMES
 PHONETICS
 PSYCHOLINGUISTICS
 SPEECH
 SPEECH DEFECTS
 SPEECH RECOGNITION
 WORDS (LANGUAGE)

NASA THESAURUS (VOLUME 1)

PHONETICS

GS SPEECH
PHONETICS
 RT ACOUSTICS
 INTELLIGIBILITY
 LANGUAGES
 PHONEMES
 PHONEMICS
 SPEECH DEFECTS
 SPEECH RECOGNITION
 VERBAL COMMUNICATION
 WORDS (LANGUAGE)

PHONOARTERIOGRAPHY

RT ARTERIES
 BLOOD CIRCULATION
 PHONOCARDIOGRAPHY

PHONOCARDIOGRAMS

USE PHONOCARDIOGRAPHY

PHONOCARDIOGRAPHY

UF PHONOCARDIOGRAMS
 VIBROCARDIOGRAPHY
 GS BIOENGINEERING
 BIOMETRICS
 CARDIOGRAPHY
PHONOCARDIOGRAPHY
 ECHOCARDIOGRAPHY
 RT BALLISTOCARDIOGRAPHY
 ELECTROCARDIOGRAPHY
 HEART
 HEART DISEASES
 PHONOARTERIOGRAPHY
 VECTORCARDIOGRAPHY

PHONON BEAMS

GS BEAMS (RADIATION)
PHONON BEAMS
 ELASTIC WAVES
 PHONONS
PHONON BEAMS
 ELECTROMAGNETIC RADIATION
 THERMAL RADIATION
PHONON BEAMS
 ELEMENTARY EXCITATIONS
 PHONONS
PHONON BEAMS
 RT CORPUSCULAR RADIATION
 PARTICLE BEAMS
 PHOTON BEAMS
 UMKLAPP PROCESS

PHONONS

GS ELASTIC WAVES
PHONONS
 PHONON BEAMS
 ELEMENTARY EXCITATIONS
PHONONS
 PHONON BEAMS
 RT CRYSTAL STRUCTURE
 LATTICE VIBRATIONS
 PLASMONS
 POLARONS
 SOUND WAVES
 UMKLAPP PROCESS

PHORIA

GS DISEASES
 EYE DISEASES
PHORIA

PHOSGENE

GS ALIPHATIC COMPOUNDS
PHOSGENE
 GASES
PHOSGENE
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
PHOSGENE
 HALIDES
 CHLORIDES
PHOSGENE
 POISONS
PHOSGENE
 RT ∞CHEMICAL COMPOUNDS

PHOSPHATES

GS PHOSPHORUS COMPOUNDS
PHOSPHATES
 ADENOSINE TRIPHOSPHATE
 AMMONIUM PHOSPHATES
 CALCIUM PHOSPHATES
 CYCLIC AMP

NASA THESAURUS (VOLUME 1)

PHOSPHATES-(CONT.)

DIPHOSPHATES
ADENOSINE DIPHOSPHATE
INDIUM PHOSPHATES
MONAZITE SANDS
POLYNUCLEOTIDES
POTASSIUM PHOSPHATES
PYRIDINE NUCLEOTIDES
URIDYLIC ACID

RT KREEP
PHOSPHORIC ACID
SKYDROL (TRADEMARK)

PHOSPHAZENE

GS ORGANIC COMPOUNDS
PHOSPHAZENE
RT NITROGEN COMPOUNDS
PHOSPHINES
PHOSPHONITRILES
POLYMER CHEMISTRY

PHOSPHENE

RT LUMINOSITY
RETINA
VISION

PHOSPHIDES

GS PHOSPHORUS COMPOUNDS
PHOSPHIDES
BORON PHOSPHIDES
GALLIUM PHOSPHIDES
INDIUM PHOSPHIDES
MANGANESE PHOSPHIDES
SCHREIBERSITE

PHOSPHINES

GS HYDROGEN COMPOUNDS
HYDRIDES
PHOSPHINES
PHOSPHORUS COMPOUNDS
PHOSPHINES
RT PHOSPHAZENE

PHOSPHONITRILES

GS NITRILES
PHOSPHONITRILES
NITROGEN COMPOUNDS
PHOSPHONITRILES
PHOSPHORUS COMPOUNDS
ORGANIC PHOSPHORUS COMPOUNDS
PHOSPHONITRILES
RT PHOSPHAZENE

PHOSPHONIUM COMPOUNDS

GS PHOSPHORUS COMPOUNDS
PHOSPHONIUM COMPOUNDS
RT ∞CHEMICAL COMPOUNDS

PHOSPHORESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
FLUORESCENCE
PHOSPHORESCENCE
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
PHOSPHORESCENCE
RT AFTERGLOWS
BIOLUMINESCENCE
CHEMILUMINESCENCE
PHOSPHORS
PLASMA RADIATION
SCINTILLATION
TRAPPING

PHOSPHORIC ACID

GS ACIDS
PHOSPHORIC ACID
PHOSPHORUS COMPOUNDS
PHOSPHORIC ACID
RT PHOSPHATES

PHOSPHORIC ACID FUEL CELLS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
ELECTROCHEMICAL CELLS
FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
RT BIOCHEMICAL FUEL CELLS
ELECTROLYTIC CELLS
ENERGY TECHNOLOGY

PHOSPHORIC ACID FUEL CELLS-(CONT.)

HYDROGEN OXYGEN FUEL CELLS
REGENERATIVE FUEL CELLS
TOTAL ENERGY SYSTEMS

PHOSPHORS

GS PHOSPHORS
RADIOPHOSPHORS
RT FLUORESCENCE
IMAGE INTENSIFIERS
MERCURY LAMPS
PHOSPHORESCENCE
PHOTOGRAPHIC FILM

PHOSPHORUS

GS CHEMICAL ELEMENTS
PHOSPHORUS
PHOSPHORUS ISOTOPES
PHOSPHORUS 32

PHOSPHORUS COMPOUNDS

GS PHOSPHORUS COMPOUNDS
ADENINES
DIETHYL HYDROGEN PHOSPHITE
(DEHP)
ORGANIC PHOSPHORUS COMPOUNDS
PHOSPHONITRILES
URIDYLIC ACID
PHOSPHATES
ADENOSINE TRIPHOSPHATE
AMMONIUM PHOSPHATES
CALCIUM PHOSPHATES
CYCLIC AMP
DIPHOSPHATES
ADENOSINE DIPHOSPHATE
INDIUM PHOSPHATES
MONAZITE SANDS
POLYNUCLEOTIDES
POTASSIUM PHOSPHATES
PYRIDINE NUCLEOTIDES
URIDYLIC ACID
PHOSPHIDES
BORON PHOSPHIDES
GALLIUM PHOSPHIDES
INDIUM PHOSPHIDES
MANGANESE PHOSPHIDES
SCHREIBERSITE
PHOSPHINES
PHOSPHONIUM COMPOUNDS
PHOSPHORIC ACID
PHOSPHORUS OXIDES
PHOSPHORUS POLYMERS
RT ALIPHATIC COMPOUNDS
∞CHEMICAL COMPOUNDS
∞GROUP 5A COMPOUNDS

PHOSPHORUS ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PHOSPHORUS ISOTOPES
PHOSPHORUS 32
PHOSPHORUS
PHOSPHORUS ISOTOPES
PHOSPHORUS 32

PHOSPHORUS METABOLISM

GS METABOLISM
PHOSPHORUS METABOLISM

PHOSPHORUS OXIDES

GS CHALCOGENIDES
OXIDES
PHOSPHORUS OXIDES
PHOSPHORUS COMPOUNDS
PHOSPHORUS OXIDES

PHOSPHORUS POLYMERS

GS PHOSPHORUS COMPOUNDS
PHOSPHORUS POLYMERS
RT ∞POLYMERS

PHOSPHORUS 32

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PHOSPHORUS ISOTOPES
PHOSPHORUS 32
RADIOACTIVE ISOTOPES
PHOSPHORUS 32
PHOSPHORUS
PHOSPHORUS ISOTOPES
PHOSPHORUS 32

PHOTOCONDUCTIVE CELLS

PHOSPHORYLATION

GS CHEMICAL REACTIONS
PHOSPHORYLATION

PHOTICS

RT LIGHT (VISIBLE RADIATION)
∞OPTICS

PHOTO RECONNAISSANCE SPACECRAFT

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
PHOTO RECONNAISSANCE
SPACECRAFT
RT ∞SPACECRAFT

PHOTOABSORPTION

GS ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
PHOTOABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
PHOTOABSORPTION
RT ∞ABSORPTION

PHOTOACOUSTIC MICROSCOPY

PHOTOACOUSTIC SPECTROSCOPY

GS SPECTROSCOPY
PHOTOACOUSTIC SPECTROSCOPY

PHOTOCATHODES

GS ELECTRODES
CATHODES
TUBE CATHODES
PHOTOCATHODES
RT ELECTRODE MATERIALS
IMAGE CONVERTERS
IMAGE INTENSIFIERS
IMAGE ORTHICONS
LIGHT AMPLIFIERS
MICROCHANNELS
ORTHICONS
PHOTOELECTRIC CELLS
PHOTOELECTRIC EMISSION
PHOTOELECTRIC MATERIALS
PHOTOMULTIPLIER TUBES

PHOTOCELLS

USE PHOTOELECTRIC CELLS

PHOTOCHEMICAL OXIDANTS

GS OXIDIZERS
PHOTOCHEMICAL OXIDANTS
RT AIR POLLUTION
ATMOSPHERIC CHEMISTRY
NITROGEN OXIDES
OZONE
PHOTOOXIDATION

PHOTOCHEMICAL REACTIONS

UF PHOTOCHEMISTRY
PHOTOREDUCTION
GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM
PHOTODECOMPOSITION
PHOTOLYSIS
RADIOLYSIS
PHOTOSYNTHESIS
RT ASSOCIATION REACTIONS
ATMOSPHERIC CHEMISTRY
CHARGE TRANSFER
SODALITE

PHOTOCHEMISTRY

USE PHOTOCHEMICAL REACTIONS

PHOTOCHROMISM

GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM
RT COLOR PHOTOGRAPHY
SODALITE

PHOTOCLINOMETRY

USE PHOTOGRAMMETRY

PHOTOCONDUCTIVE CELLS

GS PHOTOELECTRIC CELLS
PHOTOCONDUCTIVE CELLS
RT ∞CELLS
PHOTOVOLTAIC CELLS

PHOTOCONDUCTIVITY

PHOTOCONDUCTIVITY

UF PHOTORESISTIVITY
GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
PHOTOCONDUCTIVITY
OPTICAL PROPERTIES
PHOTOCONDUCTIVITY
TRANSPORT PROPERTIES
ELECTRICAL RESISTIVITY
PHOTOCONDUCTIVITY
RT ∞ CONDUCTIVITY
MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTORS
PHOTOELECTRICITY
SQUARE WELLS

PHOTOCONDUCTORS

UF PHOTORESISTORS
GS CONDUCTORS
PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
PHOTOCONDUCTORS
RT MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTIVITY
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOMETERS
PHOTOTRANSISTORS
RESISTORS

PHOTOCURRENTS

USE ELECTRIC CURRENT
PHOTOELECTRIC EMISSION

PHOTODECOMPOSITION

GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTODECOMPOSITION
DECOMPOSITION
PHOTODECOMPOSITION
RADIATION CHEMISTRY
PHOTODECOMPOSITION
RT ELECTROMAGNETIC ABSORPTION
PHOTODETACHMENT
PHOTOLYSIS

PHOTODETACHMENT

RT PHOTODECOMPOSITION
PHOTOIONIZATION

PHOTODETECTORS

USE PHOTOMETERS

PHOTODIODES

GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
PHOTODIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
PHOTODIODES
RT ION IMPLANTATION
LASERS
MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOTRANSISTORS
PHOTOTUBES
PUSHBROOM SENSOR MODES
SIS (SEMICONDUCTORS)
SOLAR CELLS

PHOTODISSOCIATION

GS DECOMPOSITION
PHOTODISSOCIATION
DISSOCIATION
PHOTODISSOCIATION
RADIATION CHEMISTRY
PHOTODISSOCIATION
RT ELECTROMAGNETIC ABSORPTION
PHOTOLYSIS

PHOTOELASTIC ANALYSIS

UF PHOTOELASTIC STRESS MEASUREMENT
RT FRINGE MULTIPLICATION
MOIRE EFFECTS
 ∞ OPTICS
PHOTOGRAPHIC MEASUREMENT
 ∞ POLARIZATION
POLARIZATION (WAVES)
STRESS ANALYSIS
STRESS MEASUREMENT
TEMPERATURE INVERSIONS

PHOTOELASTIC MATERIALS

RT ∞ MATERIALS
PHOTOELASTICITY

PHOTOELASTIC STRESS MEASUREMENT

USE PHOTOELASTIC ANALYSIS

PHOTOELASTICITY

GS ELECTROMAGNETIC PROPERTIES
PHOTOELASTICITY
PHOTOVISCOELASTICITY
MECHANICAL PROPERTIES
ELASTIC PROPERTIES
PHOTOELASTICITY
PHOTOVISCOELASTICITY
RT BIREFRINGENCE
DICHROISM
PHOTOELASTIC MATERIALS
POLARIZED LIGHT
PRISMS
REFRACTION
STRESS ANALYSIS

PHOTOELECTRIC CELLS

UF PHOTOCELLS
GS **PHOTOELECTRIC CELLS**
PHOTOCONDUCTIVE CELLS
PHOTOVOLTAIC CELLS
RT ∞ CELLS
DIRECT POWER GENERATORS
 ∞ ELECTRIC CELLS
ELECTROCHEMICAL CELLS
ELECTRODE MATERIALS
ENERGY ABSORPTION FILMS
PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOMETERS
PHOTOMULTIPLIER TUBES
PHOTOTRANSISTORS
PHOTOTUBES
SOLAR CELLS
SOLAR GENERATORS
TRANSDUCERS

PHOTOELECTRIC EFFECT

GS DECAY
EMISSION
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
RT ∞ EFFECTS
PHOTOELECTRICITY
PHOTOELECTRONS
PHOTOTHERMAL CONVERSION

PHOTOELECTRIC EMISSION

UF PHOTOCURRENTS
PHOTOEMISSION
PHOTOEMISSIVITY
GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
PHOTOELECTRIC EMISSION
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
PHOTOELECTRIC EMISSION
RT ELECTRICAL PROPERTIES
EXTERNAL SURFACE CURRENTS
PHOTOCATHODES
PHOTOELECTRICITY
PHOTOIONIZATION
PHOTOPEAK
STIMULATED EMISSION
WORK FUNCTIONS

PHOTOELECTRIC GENERATORS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PHOTOELECTRIC GENERATORS
RT ∞ GENERATORS
PHOTOELECTROCHEMICAL DEVICES
SOLAR ENERGY CONVERSION
SOLAR GENERATORS
THERMOELECTRIC GENERATORS

PHOTOELECTRIC MATERIALS

UF PHOTOEMITTERS
RT ELECTRODE MATERIALS
ELECTRON EMISSION
 ∞ MATERIALS

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PHOTOELECTRIC MATERIALS-(CONT)

PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOELECTRICITY
PHOTOELECTRONS
PHOTOTRANSISTORS
PHOTOTUBES
PHOTOVOLTAIC CELLS

PHOTOELECTRIC PHOTOMETERS

USE ELECTROPHOTOMETERS

PHOTOELECTRICITY

UF PHOTOELECTRONICS
PHOTOSENSORS
RT COMPTON EFFECT
ELECTRICITY
OPTICAL PROPERTIES
PHOTOCONDUCTIVITY
PHOTOELECTRIC EFFECT
PHOTOELECTRIC EMISSION
PHOTOELECTRIC MATERIALS
PHOTOELECTRONS
PHOTOVOLTAGES
PHOTOVOLTAIC EFFECT

PHOTOELECTROCHEMICAL DEVICES

RT ∞ DEVICES
ELECTROCHEMICAL CELLS
ELECTRODE MATERIALS
ENERGY TECHNOLOGY
PHOTOELECTRIC GENERATORS
PHOTOELECTROCHEMISTRY
PHOTON BEAMS
SOLAR ENERGY CONVERSION

PHOTOELECTROCHEMISTRY

GS ELECTROCHEMISTRY
PHOTOELECTROCHEMISTRY
RT ∞ CHEMISTRY
PHOTOELECTROCHEMICAL DEVICES

PHOTOELECTROMAGNETIC DETECTORS

USE PHOTOELECTROMAGNETIC EFFECTS
RADIATION MEASURING INSTRUMENTS

PHOTOELECTROMAGNETIC EFFECTS

UF PHOTOELECTROMAGNETIC DETECTORS
RT ∞ EFFECTS
EXCITONS
INTERMETALLICS

PHOTOELECTRON SPECTROSCOPY

GS SPECTROSCOPY
PHOTOELECTRON SPECTROSCOPY
RT ELECTRON EMISSION
SPECTROSCOPIC ANALYSIS

PHOTOELECTRONICS

USE ELECTRONICS
PHOTOELECTRICITY

PHOTOELECTRONS

GS PARTICLES
NUCLEAR PARTICLES
PHOTOELECTRONS
RT ELECTRON EMISSION
PHOTOELECTRIC EFFECT
PHOTOELECTRIC MATERIALS
PHOTOELECTRICITY
PHOTOIONIZATION
PHOTOMAGNETIC EFFECTS
PHOTONEUTRONS
PHOTONUCLEAR REACTIONS
PHOTOVOLTAIC EFFECT

PHOTOEMISSION

USE PHOTOELECTRIC EMISSION

PHOTOEMISSIVITY

USE EMISSIVITY
PHOTOELECTRIC EMISSION

PHOTOEMITTERS

USE PHOTOELECTRIC MATERIALS

PHOTOENGRAVING

RT PHOTOMECHANICAL EFFECT
PRINTING

PHOTO GEOLOGY

GS GEOLOGY
PHOTO GEOLOGY

PHOTOGEOLOGY-(CONT)

RT AERIAL PHOTOGRAPHY
EARTH RESOURCES SURVEY AIRCRAFT
GEOLOGICAL SURVEYS
GEOMORPHOLOGY
ICE MAPPING
NATURAL GAS EXPLORATION
PHOTOGRAMMETRY
PHOTOMAPPING
RECONNAISSANCE
THEMATIC MAPPING

PHOTOGONIOMETERS

GS MEASURING INSTRUMENTS
GONIOMETERS
PHOTOGONIOMETERS
OPTICAL MEASURING INSTRUMENTS
PHOTOGONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOGONIOMETERS
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
INTERFEROMETERS
MONOCHROMATORS
SPECTROMETERS

PHOTOGRAMMETRY

UF PHOTOCLINOMETRY
GS PHOTOGRAPHIC MEASUREMENT
PHOTOGRAMMETRY
RT AERIAL PHOTOGRAPHY
MAPPING
PHOTOGEOLOGY
PHOTORECONNAISSANCE
PROJECTORS
RELIEF MAPS
STEREOPHOTOGRAPHY
SURVEYS
TERRAIN ANALYSIS

PHOTOGRAPH INTERPRETATION

USE PHOTOINTERPRETATION

PHOTOGRAPHIC DEVELOPERS

UF DEVELOPERS (PHOTOGRAPHY)
RT ∞ DEVELOPMENT
PHOTOGRAPHS
PHOTOGRAPHY

PHOTOGRAPHIC EMULSIONS

GS MIXTURES
DISPERSIONS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
SOLUTIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
RT PHOTOGRAPHY
PHOTOSENSITIVITY

PHOTOGRAPHIC EQUIPMENT

GS PHOTOGRAPHIC EQUIPMENT
CAMERAS
BAKER-NUNN CAMERA
BALLISTIC CAMERAS
DELFT CAMERA
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
HIGH SPEED CAMERAS
FRAMING CAMERAS
I2S CAMERAS
LALLEMAND CAMERAS
MULTISPECTRAL BAND CAMERAS
PANORAMIC CAMERAS
PINHOLE CAMERAS
SCHMIDT CAMERAS
STREAK CAMERAS
TELEVISION CAMERAS
PHOTOGRAPHIC PROCESSING
EQUIPMENT
PHOTOGRAPHIC RECTIFIERS
RT ∞ EQUIPMENT
LENSES
OPTICAL EQUIPMENT
OPTICAL FILTERS
PHOTOGRAPHY
PHOTOMETERS
PROJECTORS

PHOTOGRAPHIC FILM

GS PHOTOGRAPHIC FILM
MICROFILMS
RT ∞ FILMS

PHOTOGRAPHIC FILM-(CONT)

MAGAZINES (SUPPLY CHAMBERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL FILTERS
PHOSPHORS
PHOTOGRAPHS
PHOTOGRAPHY
POLYMERIC FILMS
SABATIER REACTION

PHOTOGRAPHIC MEASUREMENT

GS PHOTOGRAPHIC MEASUREMENT
PHOTOGRAMMETRY
RT DOSIMETERS
∞ MEASUREMENT
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASUREMENT
PHOTOELASTIC ANALYSIS
PHOTOGRAPHY
PHOTOINTERPRETATION
PHOTOMETRY
PHOTORECONNAISSANCE
SPECTROMETERS

PHOTOGRAPHIC PLATES

RT GLASS
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHS
PHOTOGRAPHY
∞ PLATES

PHOTOGRAPHIC PROCESSING

RT DARKROOMS
PHOTOGRAPHIC PLATES
PHOTOGRAPHS
PHOTOGRAPHY
PRINTING
∞ PROCESSING

PHOTOGRAPHIC PROCESSING EQUIPMENT

GS PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC PROCESSING
EQUIPMENT
RT DARKROOMS
PHOTOGRAPHY
REPRODUCTION (COPYING)

PHOTOGRAPHIC RECORDING

GS RECORDING
PHOTOGRAPHIC RECORDING
RT DATA RECORDING
HIGH SPEED PHOTOGRAPHY
HOLOGRAMMETRY
INTERMITTENCY HYPOTHESIS
PHOTOGRAPHS
PHOTOGRAPHY
RECORDING INSTRUMENTS

PHOTOGRAPHIC RECTIFIERS

GS OPTICAL EQUIPMENT
PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC RECTIFIERS
RT ∞ CONDENSERS
PHOTOGRAPHY

PHOTOGRAPHIC TRACKING

GS TRACKING (POSITION)
PHOTOGRAPHIC TRACKING
RT CINETHEODOLITES
OPTICAL TRACKING
PHOTOGRAPHY
SATELLITE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM

PHOTOGRAPHS

GS PHOTOGRAPHS
CLOUD PHOTOGRAPHS
LUNAR PHOTOGRAPHS
MARS PHOTOGRAPHS
MICROPHOTOGRAPHS
MOTION PICTURES
PHOTOMICROGRAPHS
RT DISPLAY DEVICES
IMAGES
MOsaICS
OPTICAL CORRECTION PROCEDURE
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC FILM
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC RECORDING
PHOTOGRAPHY
REPRESENTATIONS

PHOTOGRAPHS-(CONT)

SPATIAL FILTERING
VISUAL AIDS
XEROGRAPHY

PHOTOGRAPHY

GS PHOTOGRAPHY
AERIAL PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
AUTORADIOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CHRONOPHOTOGRAPHY
CINEMATOGRAPHY
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRON PHOTOGRAPHY
FRACTOGRAPHY
FRAME PHOTOGRAPHY
HIGH SPEED PHOTOGRAPHY
HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
MICROWAVE HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
INFRARED IMAGERY
LUNAR PHOTOGRAPHY
METRIC PHOTOGRAPHY
MICROWAVE PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RADAR PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTOMICROGRAPHY
ROCKET-BORNE PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPECTROPHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
STREAK PHOTOGRAPHY
ULTRAVIOLET PHOTOGRAPHY
ULTRAVIOLET PHOTOMETRY
UNDERWATER PHOTOGRAPHY
UROGRAPHY
RT BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CAMERAS
CLOUD PHOTOGRAPHS
DARKROOMS
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
EVAPOROGRAPHY
EXPOSURE
GRAPHIC ARTS
HS-801 AIRCRAFT
ICE MAPPING
IMAGERY
IMAGING TECHNIQUES
LUNAR PHOTOGRAPHS
MAPPING
MARS PHOTOGRAPHS
MICROPHOTOGRAPHS
MULTISPECTRAL BAND CAMERAS
MULTISPECTRAL BAND SCANNERS
PANORAMIC CAMERAS
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC EMULSIONS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC FILM
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC PROCESSING
EQUIPMENT
PHOTOGRAPHIC RECORDING
PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC TRACKING
PHOTOGRAPHS
PHOTOINTERPRETATION
PHOTOLITHOGRAPHY
PHOTOMAPPING
PHOTOMAPS
PHOTOMASKS
PHOTOMECHANICAL EFFECT
PHOTOMICROGRAPHY
PHOTORECONNAISSANCE
PINHOLE CAMERAS
PROJECTORS
RADIOGRAPHY
RAPID BALLISTICS IDENTIFICATION
REPRODUCTION (COPYING)
TIMBER INVENTORY

PHOTOINTERPRETATION

PHOTOGRAPHY-(CONT)

WAVE FRONT RECONSTRUCTION
XEROGRAPHY

PHOTOINTERPRETATION

UF PHOTOGRAPH INTERPRETATION
RT AERIAL PHOTOGRAPHY
∞ ANALYZING
CHANGE DETECTION
GROUND TRUTH
∞ INTERPRETATION
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHY
PHOTOMAPPING
PHOTORECONNAISSANCE
SEA TRUTH
SPATIAL FILTERING

PHOTOIONIZATION

GS DECAY
EMISSION
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
IONIZATION
PHOTOIONIZATION
RT ATMOSPHERIC IONIZATION
AURORAL IONIZATION
AURORAL IRRADIATION
ELECTRON EMISSION
GAS IONIZATION
PHOTODETACHMENT
PHOTOELECTRIC EMISSION
PHOTOELECTRONS

PHOTOLITHOGRAPHY

GS PRINTING
LITHOGRAPHY
PHOTOLITHOGRAPHY
RT MICROELECTRONICS
MICROMODULES
PHOTOGRAPHY

PHOTOLUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
RT FLUORESCENCE
PHOTOLUMINESCENT BANDS

PHOTOLUMINESCENT BANDS

GS SPECTRA
SPECTRAL BANDS
PHOTOLUMINESCENT BANDS
RT ABSORPTION SPECTRA
∞ BANDS
EMISSION SPECTRA
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE

PHOTOLYSIS

GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOLYSIS
RADIOLYSIS
DECOMPOSITION
PHOTOLYSIS
RADIOLYSIS
RADIATION CHEMISTRY
PHOTOLYSIS
RT CRACKING (CHEMICAL ENGINEERING)
ELECTROLYSIS
PHOTODECOMPOSITION
PHOTODISSOCIATION

PHOTOMAGNETIC EFFECTS

RT DEUTERONS
∞ EFFECTS
GAMMA RAYS
PHOTOELECTRONS
SPIN DECOUPLING

PHOTOMAPPING

GS MAPPING
PHOTOMAPPING
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
DMSP SATELLITES

PHOTOMAPPING-(CONT)

EARTH RESOURCES
GEODESY
GEOLOGY
GNOMONIC PROJECTION
HOLOGRAMMETRY
ICE MAPPING
MAPS
OCEAN COLOR SCANNER
PHOTOGEOLOGY
PHOTOGRAPHY
PHOTOINTERPRETATION
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SOIL MAPPING
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING
THERMAL MAPPING
TOPOGRAPHY

PHOTOMAPS

GS MAPS
PHOTOMAPS
RT AERIAL PHOTOGRAPHY
PHOTOGRAPHY
RELIEF MAPS
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING

PHOTOMASKS

RT ARRAYS
CIRCUIT DIAGRAMS
INTEGRATED CIRCUITS
MASKING
MICROELECTRONICS
MICROPHOTOGRAPHS
∞ PATTERNS
PHOTOGRAPHY
PRINTED CIRCUITS
SOLID STATE DEVICES
SUBSTRATES
WAFERS

PHOTOMECHANICAL EFFECT

RT ∞ EFFECTS
LITHOGRAPHY
PHOTOENGRAVING
PHOTOGRAPHY
PRINTING

PHOTOMETERS

UF MICROPHOTOMETERS
PHOTODETECTORS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
RADIATION MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
RT BOLOMETERS
DENSITOMETERS
ELECTROPHOTOMETRY
ELLIPSOMETERS
HORIZON SCANNERS
INFRARED SPECTROPHOTOMETERS
MICRODENSITOMETERS
NEPHELOMETERS
OPTICAL MEASUREMENT
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOGRAPHIC EQUIPMENT
PHOTOMETRY
PHOTOTRANSISTORS
POLARIMETERS
PYRANOMETERS
RADIOMETERS
REFLECTOMETERS
SPECTROMETERS
SPECTROPHOTOMETERS
TELEPHOTOMETRY

NASA THESAURUS (VOLUME 1)

PHOTOMETERS-(CONT)

TRANSMISSOMETERS

PHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
ELECTROPHOTOMETRY
INFRARED PHOTOMETRY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
TELEPHOTOMETRY
ULTRAVIOLET PHOTOMETRY
VISUAL PHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
CHEMICAL ANALYSIS
COLORIMETRY
ILLUMINATING
∞ ILLUMINATION
LIGHT (VISIBLE RADIATION)
LUMINANCE
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETRY
REFLECTANCE
SPECTROSCOPY
TRANSMITTANCE

PHOTOMICROGRAPHS

GS PHOTOGRAPHS
PHOTOMICROGRAPHS
RT PHOTOMICROGRAPHY

PHOTOMICROGRAPHY

UF MICROGRAPHY
GS IMAGERY
PHOTOMICROGRAPHY
PHOTOGRAPHY
PHOTOMICROGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
ELECTRON MICROSCOPES
METALLOGRAPHY
MICROSCOPES
MICROSCOPY
MICROSTRUCTURE
PHOTOGRAPHY
PHOTOMICROGRAPHS

PHOTOMULTIPLIER TUBES

UF ELECTRON MULTIPLIERS
MULTIPLIER PHOTOTUBES
GS AMPLIFIERS
CURRENT AMPLIFIERS
PHOTOMULTIPLIER TUBES
FREQUENCY MODULATION
PHOTOMULTIPLIERS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
COLD CATHODE TUBES
PHOTOTUBES
PHOTOMULTIPLIER TUBES
RT CATHODES
CHANNEL MULTIPLIERS
DYNODES
ELECTRODES
MICROCHANNEL PLATES
MULTIPLIER DISCHARGES
MULTIPLIERS
PHOTOCATHODES
PHOTOELECTRIC CELLS
SCINTILLATION COUNTERS
SECONDARY EMISSION

PHOTON ABSORPTIOMETRY

GS DENSITY MEASUREMENT
PHOTON ABSORPTIOMETRY
RT ABSORPTION SPECTRA
DENSITOMETERS
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
GAMMA RAY ABSORPTIOMETRY
GAMMA RAY ABSORPTION
MULTIPHOTON ABSORPTION
RADIATION ABSORPTION

PHOTON BEAMS

GS BEAMS (RADIATION)
PHOTON BEAMS
LIGHT BEAMS
ELECTROMAGNETIC RADIATION
PHOTON BEAMS
LIGHT BEAMS
RT BEAM WAVEGUIDES
GAMMA RAY BEAMS
INCIDENT RADIATION
LASER OUTPUTS

PHOTON BEAMS-(CONT)

OPTICAL PATHS
OPTICAL SCANNERS
PHONON BEAMS
PHOTOELECTROCHEMICAL DEVICES
PHOTONIC PROPULSION
PHOTONS
REFLECTED WAVES
REFRACTED WAVES
THERMAL BLOOMING

PHOTON DENSITY

GS RATES (PER TIME)
FLUX DENSITY
PHOTON DENSITY

PHOTON-ELECTRON INTERACTION

RT ELASTIC SCATTERING
ELECTRON SCATTERING
ELEMENTARY PARTICLE INTERACTIONS
∞ INTERACTIONS
UMKLAPP PROCESS

PHOTONEUTRONS

GS NUCLEAR RADIATION
PHOTONEUTRONS
PARTICLES
ELEMENTARY PARTICLES
FERMIONS
NEUTRONS
PHOTONEUTRONS
NEUTRAL PARTICLES
NEUTRONS
PHOTONEUTRONS
RT BARYONS
NUCLEAR PARTICLES
NUCLEAR REACTIONS
PHOTOELECTRONS
PHOTONUCLEAR REACTIONS
VECTOR DOMINANCE MODEL

PHOTONIC PROPULSION

GS PROPULSION
LOW THRUST PROPULSION
PHOTONIC PROPULSION
SPACECRAFT PROPULSION
PHOTONIC PROPULSION
RT ELECTROMAGNETIC PROPULSION
PHOTON BEAMS

PHOTONICS

RT ELECTRO-OPTICS
FIBER OPTICS
LASERS
LIGHT EMITTING DIODES
OPTICAL DATA PROCESSING
OPTICAL WAVEGUIDES
PHOTONS

PHOTONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
PHOTONS
LIGHT BEAMS
NUCLEAR PARTICLES
BOSONS
PHOTONS
RT ANNIHILATION REACTIONS
COSMIC RAYS
ELECTROMAGNETIC RADIATION
GAMMA RAYS
LIGHT (VISIBLE RADIATION)
NUCLEAR RADIATION
OPTICAL PROPERTIES
PHOTON BEAMS
PHOTONICS
PHOTONUCLEAR REACTIONS
PLANCKS CONSTANT
QUANTUM THEORY
∞ RADIATION
ROTONS

PHOTONUCLEAR REACTIONS

GS NUCLEAR REACTIONS
PHOTONUCLEAR REACTIONS
RT LIGHT (VISIBLE RADIATION)
PARTICLE INTERACTIONS
PHOTOELECTRONS
PHOTONEUTRONS
PHOTONS

PHOTOOXIDATION

GS CHEMICAL REACTIONS
OXIDATION

PHOTOOXIDATION-(CONT)

PHOTOOXIDATION
RT ASSOCIATION REACTIONS
PHOTOCHEMICAL OXIDANTS

PHOTOPEAK

RT AMPLITUDE DISTRIBUTION ANALYSIS
PHOTOELECTRIC EMISSION
PULSE AMPLITUDE
SCINTILLATION COUNTERS

PHOTOPHILIC PLANTS

GS PLANTS (BOTANY)
PHOTOPHILIC PLANTS
RT LIGHT (VISIBLE RADIATION)
PHOTOSENSITIVITY

PHOTOPHORESIS

RT AEROSOLS
LIGHT (VISIBLE RADIATION)
PARTICLE INTERACTIONS
PARTICLE MOTION
RADIATION PRESSURE

PHOTOPLASTICITY

GS MECHANICAL PROPERTIES
PLASTIC PROPERTIES
PHOTOPLASTICITY

PHOTOPRODUCTION

GS DECAY
PHOTOPRODUCTION
NUCLEAR REACTIONS
PHOTOPRODUCTION
RT ELECTROMAGNETIC ABSORPTION
PAIR PRODUCTION
RADIOACTIVE DECAY
VECTOR DOMINANCE MODEL

PHOTORECEPTORS

GS ANATOMY
SENSE ORGANS
PHOTORECEPTORS
RECEPTORS (PHYSIOLOGY)
PHOTORECEPTORS
RT PHOTSENSITIVITY
RETINA
SENSITOMETRY
VISUAL PIGMENTS
YOUNG-HELMHOLTZ THEORY

PHOTORECONNAISSANCE

GS IMAGERY
PHOTORECONNAISSANCE
RECONNAISSANCE
PHOTORECONNAISSANCE
RT AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
BLACK AND WHITE PHOTOGRAPHY
DMSP SATELLITES
EARTH RESOURCES SURVEY AIRCRAFT
GROUND TRUTH
HS-801 AIRCRAFT
PHOTOGRAMMETRY
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHY
PHOTOINTERPRETATION
SPECTRAL RECONNAISSANCE

PHOTOREDUCTION

USE PHOTOCHEMICAL REACTIONS

PHOTORESISTIVITY

USE PHOTOCONDUCTIVITY

PHOTORESISTORS

USE PHOTOCONDUCTORS

PHOTOSENSITIVITY

GS SENSITIVITY
PHOTOSENSITIVITY
LIGHT ADAPTATION
PHOTOTROPISM
RT LIGHT (VISIBLE RADIATION)
PHOTOGRAPHIC EMULSIONS
PHOTOPHILIC PLANTS
PHOTORECEPTORS
SENSITOMETRY
THRESHOLDS (PERCEPTION)
VISUAL PIGMENTS

PHOTOSENSORS

USE PHOTOELECTRICITY
RADIATION MEASURING INSTRUMENTS

PHOTOSPHERE

GS **PHOTOSPHERE**
SOLAR GRANULATION
RT CHROMOSPHERE
FACULAE
SOLAR ATMOSPHERE
SOLAR PHYSICS
SPICULES
STARSPOTS
STELLAR ACTIVITY
SUN
SUNSPOTS

PHOTOSTRESSES

GS STRESSES
PHOTOSTRESSES

PHOTOSYNTHESIS

GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOSYNTHESIS
RT ALGAE
CARBOHYDRATES
CHLOROPHYLLS
CHLOROPLASTS
CROP GROWTH
RESPIRATION

PHOTOTHERMAL CONVERSION

GS ENERGY CONVERSION
PHOTOTHERMAL CONVERSION
RT ∞ CONVERSION
ENERGY ABSORPTION FILMS
ENERGY CONVERSION EFFICIENCY
ENERGY TECHNOLOGY
METAL FILMS
PHOTOELECTRIC EFFECT
SELECTIVITY
SEMICONDUCTING FILMS
SOLAR ENERGY ABSORBERS
SOLAR ENERGY CONVERSION
SPECTRAL SENSITIVITY
THERMAL ENERGY
THERMODYNAMICS
THIN FILMS

PHOTOTHERMOTROPISM

USE ANISOTROPY
PHOTOTROPISM
TEMPERATURE EFFECTS

PHOTOTRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
PHOTOTRANSISTORS
RT JUNCTION TRANSISTORS
PHOTOCONDUCTORS
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOMETERS
PHOTOTUBES

PHOTOTROPISM

UF PHOTOTHERMOTROPISM
GS SENSITIVITY
PHOTOSENSITIVITY
PHOTOTROPISM
RT COLOR
CROP VIGOR
OPTICAL PROPERTIES
PLANTS (BOTANY)

PHOTOTUBES

GS MICROWAVE EQUIPMENT
MICROWAVE TUBES
COLD CATHODE TUBES
PHOTOTUBES
PHOTOMULTIPLIER TUBES
RT CATHODES
ELECTRODES
FLYING SPOT SCANNERS
GAS DISCHARGE TUBES
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOTRANSISTORS

PHOTOVISCOELASTICITY

PHOTOVISCOELASTICITY

- GS ELECTROMAGNETIC PROPERTIES
- OPTICAL PROPERTIES
- PHOTOVISCOELASTICITY**
- PHOTOELASTICITY
- PHOTOVISCOELASTICITY**
- MECHANICAL PROPERTIES
- ELASTIC PROPERTIES
- PHOTOELASTICITY
- PHOTOVISCOELASTICITY**
- VISCOELASTICITY
- PHOTOVISCOELASTICITY**

PHOTOVOLTAGES

- GS POTENTIAL ENERGY
- ELECTRIC POTENTIAL
- PHOTOVOLTAGES**
- RT PHOTOELECTRICITY
- PHOTOVOLTAGE EFFECT

PHOTOVOLTAIC CELLS

- GS ELECTRONIC EQUIPMENT
- SOLID STATE DEVICES
- SEMICONDUCTOR DEVICES
- PHOTOVOLTAIC CELLS**
- PHOTOELECTRIC CELLS
- PHOTOVOLTAIC CELLS**
- VOLTAGE GENERATORS
- PHOTOVOLTAIC CELLS**
- RT ∞ CELLS
- ELECTROCHEMICAL CELLS
- PHOTOCONDUCTIVE CELLS
- PHOTOELECTRIC MATERIALS
- SHORT CIRCUIT CURRENTS
- SIS (SEMICONDUCTORS)
- SOLAR CELLS
- SOLAR GENERATORS

PHOTOVOLTAIC CONVERSION

- RT ∞ CONVERSION
- ENERGY ABSORPTION FILMS

PHOTOVOLTAIC EFFECT

- GS ELECTROMAGNETIC PROPERTIES
- ELECTRICAL PROPERTIES
- PHOTOVOLTAIC EFFECT**
- OPTICAL PROPERTIES
- PHOTOVOLTAIC EFFECT**
- RT ∞ EFFECTS
- ELECTRON EMISSION
- PHOTOELECTRICITY
- PHOTOELECTRONS
- PHOTOVOLTAGES

PHREATOPHYTES

- GS PLANTS (BOTANY)
- PHREATOPHYTES**
- RT TREES (PLANTS)

PHTHALATES

- GS ESTERS
- PHTHALATES**

PHTHALOCYANIN

- GS HETEROCYCLIC COMPOUNDS
- PHTHALOCYANIN**
- RT PIGMENTS

PHUGOID OSCILLATIONS

- USE OSCILLATIONS
- OSCILLATORS
- PITCH (INCLINATION)

PHYLLQUINONE

- UF VITAMIN K
- GS HETEROCYCLIC COMPOUNDS
- PHYLLQUINONE**
- VITAMINS
- PHYLLQUINONE**

PHYSICAL CHEMISTRY

- GS **PHYSICAL CHEMISTRY**
- CRYOCHEMISTRY
- QUANTUM CHEMISTRY
- RT AEROTHERMOCHEMISTRY
- ATMOSPHERIC CHEMISTRY
- CHEMICAL ANALYSIS
- ∞ CHEMISTRY
- COMPUTATIONAL CHEMISTRY
- NUCLEAR CHEMISTRY
- ∞ PHYSICS
- THERMOCHEMISTRY
- THERMODYNAMICS

PHYSICAL CONSTANTS TESTING REACTOR

- USE NUCLEAR RESEARCH AND TEST
- REACTORS
- WATER COOLED REACTORS

PHYSICAL ENDURANCE

- USE PHYSICAL FITNESS

PHYSICAL EXAMINATIONS

- RT FLIGHT FITNESS
- MOBILE QUARANTINE FACILITY
- PERCUSSION
- PERSONNEL SELECTION

PHYSICAL EXERCISE

- UF EXERCISE
- GYMNASTICS
- GS **PHYSICAL EXERCISE**
- HYPERKINESIA
- RT ANGINA PECTORIS
- ATHLETES
- ATROPHY
- FATIGUE (BIOLOGY)
- HYPOKINESIA
- PHYSICAL FITNESS
- RUNNING
- SWIMMING
- TREADMILLS
- WALKING

PHYSICAL FACTORS

- GS PHYSIOLOGICAL FACTORS
- PHYSICAL FACTORS**
- RT ∞ PHYSICS
- WORK

PHYSICAL FITNESS

- UF PHYSICAL ENDURANCE
- GS FITNESS
- PHYSICAL FITNESS**
- RT ATHLETES
- COMPETITION
- EXERCISE PHYSIOLOGY
- FLIGHT FITNESS
- PHYSICAL EXERCISE
- PHYSIOLOGICAL TESTS
- POSTURE
- SPORTS MEDICINE
- SWIMMING
- TREADMILLS
- WORK CAPACITY

PHYSICAL OPTICS

- RT CRYSTAL OPTICS
- FIBER OPTICS
- GEOMETRICAL OPTICS
- GRADIENT INDEX OPTICS
- OPTICAL PROPERTIES
- ∞ OPTICS
- QUANTUM THEORY
- ∞ THEORIES

∞ PHYSICAL PROPERTIES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACOUSTIC PROPERTIES
- ADSORPTIVITY
- BRAGG ANGLE
- BUOYANCY
- CHEMICAL PROPERTIES
- COLOR
- DENSITY (MASS/VOLUME)
- DIFFUSIVITY
- DURABILITY
- EDDY CURRENTS
- ELASTIC PROPERTIES
- ELECTRICAL PROPERTIES
- ELECTROMAGNETIC PROPERTIES
- FUSIBILITY
- ∞ HIGH RESISTANCE
- HYGROSCOPICITY
- HYSTERESIS
- IMPEDANCE
- INTERNAL FRICTION
- ISOTROPY
- MAGNETIC DIPOLES
- MAGNETIC PROPERTIES
- MECHANICAL PROPERTIES
- OPTICAL PROPERTIES
- PERMEABILITY
- POLYMORPHISM
- PROPELLANT PROPERTIES
- ∞ PROPERTIES
- SURFACE PROPERTIES

NASA THESAURUS (VOLUME 1)

PHYSICAL PROPERTIES-(CONT)

- THERMAL EXPANSION
- THERMODYNAMIC PROPERTIES
- THIXOTROPY
- TRANSMISSIVITY
- TRANSPORT PROPERTIES
- VIRTUAL PROPERTIES
- VISCOSITY

∞ PHYSICAL SCIENCES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ASTRONOMY
- ∞ CHEMISTRY
- GEOLOGY
- LIFE SCIENCES
- ∞ METALLURGY
- METEOROLOGY
- MINERALOGY
- OCEANOGRAPHY
- ∞ PHYSICS
- ∞ SCIENCE

PHYSICAL WORK

- UF EXERTION
- GS WORK
- PHYSICAL WORK**
- RT EFFORT
- HORSEPOWER
- TASKS
- TREADMILLS
- WORK CAPACITY
- WORKLOADS (PSYCHOPHYSIOLOGY)

PHYSICIANS

- GS PERSONNEL
- MEDICAL PERSONNEL
- PHYSICIANS**
- RT STETHOSCOPES

∞ PHYSICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ASTROPHYSICS
- ATMOSPHERIC PHYSICS
- ATOMIC PHYSICS
- BIOPHYSICS
- BRANCHING (PHYSICS)
- CHARM (PARTICLE PHYSICS)
- CLOUD PHYSICS
- COMBUSTION
- COMBUSTION PHYSICS
- ELECTROPHYSICS
- FIELD THEORY (PHYSICS)
- GEOPHYSICS
- HEALTH PHYSICS
- HEALTH PHYSICS RESEARCH REACTOR
- KINETICS
- LOW TEMPERATURE PHYSICS
- MAGNETOMECHANICS (PHYSICS)
- MATTER (PHYSICS)
- ∞ MECHANICS (PHYSICS)
- ∞ MOLECULAR PHYSICS
- NEUTRON PHYSICS
- NUCLEAR PHYSICS
- NUCLEI (NUCLEAR PHYSICS)
- PHYSICAL CHEMISTRY
- PHYSICAL FACTORS
- ∞ PHYSICAL SCIENCES
- PLASMA PHYSICS
- PLASMAS (PHYSICS)
- POLYMER PHYSICS
- PSYCHOPHYSICS
- QUENCHING (ATOMIC PHYSICS)
- RADIO PHYSICS
- REACTOR PHYSICS
- REENTRY PHYSICS
- RIGID ROTORS (PLASMA PHYSICS)
- ∞ SCIENCE
- SELECTION RULES (NUCLEAR PHYSICS)
- SOLAR PHYSICS
- ∞ SOLID STATE PHYSICS
- STRANGE ATTRACTORS
- THEORETICAL PHYSICS

PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE

- UF PACE
- GS EXPERIMENTATION
- PHYSICS AND CHEMISTRY**
- EXPERIMENT IN SPACE**
- PAYLOADS
- SPACE SHUTTLE PAYLOADS

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PIEZOELECTRIC GAGES

PHYSICS AND CHEMISTRY-(CONT)

SPACEBORNE EXPERIMENTS
PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE

RT ∞ CHEMISTRY
SPACE FLIGHT

PHYSIOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
BIOCHEMISTRY

RT ∞ CHEMISTRY
EXERCISE PHYSIOLOGY
MOLECULAR BIOLOGY
ORGANIC CHEMISTRY
PHYSIOLOGY
PSYCHOTROPIC DRUGS
∞ SCIENCE

PHYSIOGRAPHY

USE GEOMORPHOLOGY

PHYSIOLOGICAL ACCELERATION

GS RATES (PER TIME)

PHYSIOLOGICAL ACCELERATION

RT ∞ ACCELERATION
ACCELERATION (PHYSICS)
ACCELERATION STRESSES
(PHYSIOLOGY)
DECELERATION
GRAVITATIONAL PHYSIOLOGY
IMPACT ACCELERATION

PHYSIOLOGICAL DEFENSES

RT ANTIBODIES
ANTIGENS
BIOCOMPATIBILITY
∞ DEFENSE
INOCULUM
INTERFERON

PHYSIOLOGICAL EFFECTS

GS PHYSIOLOGICAL EFFECTS
PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES

RT BIOLOGICAL EFFECTS
BONE DEMINERALIZATION
CHOLERA
COMFORT
DIVING (UNDERWATER)
∞ EFFECTS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
EXERCISE PHYSIOLOGY
GEOTROPISM
GONADS
GRAVITATIONAL PHYSIOLOGY
HEAT ACCLIMATIZATION
HEAT STROKE
HEMATOPOIESIS
HEMATOPOIETIC SYSTEM
HUMAN REACTIONS
NOISE POLLUTION
RADIATION EFFECTS
REACTION TIME
RELATIVE BIOLOGICAL EFFECTIVENESS
(RBE)
SHOCK (PHYSIOLOGY)
SPACE ADAPTATION SYNDROME
SPORTS MEDICINE

PHYSIOLOGICAL FACTORS

GS PHYSIOLOGICAL FACTORS

RT PHYSICAL FACTORS
ASTRONAUT PERFORMANCE
CHEMICAL DEFENSE
CHEMICAL WARFARE
FLIGHT STRESS (BIOLOGY)
NOISE POLLUTION
SEX FACTOR

PHYSIOLOGICAL RESPONSES

GS PHYSIOLOGICAL EFFECTS
PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES
RESPONSES

PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES
RT DESYNCHRONIZATION (BIOLOGY)
EVOKED RESPONSE
(PSYCHOPHYSIOLOGY)
GRAVITATIONAL PHYSIOLOGY
PATHOLOGICAL EFFECTS

PHYSIOLOGICAL TELEMETRY

USE BIOTELEMETRY

PHYSIOLOGICAL TESTS

GS PHYSIOLOGICAL TESTS
BODY SWAY TEST
CARBOXYHEMOGLOBIN TEST
EAR PRESSURE TEST
ELECTRONYSTAGMOGRAPHY
VESTIBULAR TESTS
WEBER TEST
RT CARDIOGRAPHY
CERTIFICATION
ENVIRONMENTAL INDEX
ENVIRONMENTAL TESTS
MOBILE QUARANTINE FACILITY
PERSONNEL SELECTION
PHYSICAL FITNESS
PILOT SELECTION
PSYCHOMOTOR PERFORMANCE
SENSORIMOTOR PERFORMANCE
TAYLOR MANIFEST ANXIETY SCALE
∞ TESTS
TREADMILLS
URINALYSIS

PHYSIOLOGY

GS PHYSIOLOGY
AUDIOLOGY
BODY COMPOSITION (BIOLOGY)
ELECTROPHYSIOLOGY
EXERCISE PHYSIOLOGY
GRAVITATIONAL PHYSIOLOGY
HEMATOPOIETIC SYSTEM
LAMELLA
MENSTRUATION
NEUROPHYSIOLOGY
PSYCHOPHYSIOLOGY
WORKLOADS (PSYCHOPHYSIOLOGY)
RESPIRATORY PHYSIOLOGY
UNDERWATER PHYSIOLOGY
RT CATABOLISM
CHRONIC CONDITIONS
DIFFERENTIATION (BIOLOGY)
ELECTRIC STIMULI
EXOSKELETONS
FEET (ANATOMY)
HOMEOSTASIS
HUMAN BODY
LOCOMOTION
MITOSIS
NUTRITION
ORGANISMS
PHYSIOCHEMISTRY
REGENERATION (PHYSIOLOGY)
REGULARITY
RUGGEDNESS
∞ SCIENCE
SEX FACTOR
STRESS (PHYSIOLOGY)

PHYTOTRONS

UF GERMINATORS
GROWTH CHAMBERS
RT GERMINATION
GREENHOUSES
GROWTH
PLANTS (BOTANY)

PI-ELECTRONS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
PI-ELECTRONS
RT MOLECULAR ELECTRONICS
NUCLEAR PARTICLES

PIAGGIO AIRCRAFT

GS PIAGGIO AIRCRAFT
P-166 AIRCRAFT
PD-808 AIRCRAFT
RT, ∞ AIRCRAFT

PIAGGIO P-166 AIRCRAFT

USE P 166 AIRCRAFT

PIAGGIO-DOUGLAS PD-808 AIRCRAFT

USE PD-808 AIRCRAFT

PIASECKI AIRCRAFT

GS PIASECKI AIRCRAFT
VZ-8 AIRCRAFT
RT ∞ AIRCRAFT

PICKLING (METALLURGY)

GS CHEMICAL CLEANING
PICKLING (METALLURGY)
RT DESCALING
METAL FILMS
METAL FINISHING
SCALE (CORROSION)

PICKOFFS

USE SENSORS

PICKUPS

USE SENSORS

PICOSECOND PULSES

GS PULSES
PICOSECOND PULSES
RT AMPLITUDES
ELECTROMAGNETIC PULSES
LASER OUTPUTS
PULSE RATE
PULSED RADIATION
TIME SIGNALS

PICRATES

GS NITROGEN COMPOUNDS
NITRO COMPOUNDS
PICRATES
AMMONIUM PICRATES

PICTURE TUBES

UF KINESCOPES
GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
OSCILLATORS
VACUUM TUBE OSCILLATORS_
CATHODE RAY TUBES
PICTURE TUBES
VIDEO EQUIPMENT
PICTURE TUBES
RT DISPLAY DEVICES
FLYING SPOT SCANNERS
TELEVISION EQUIPMENT

PIEDMONTS

UF PEDIMENTS
PEDIPLAINS
GS LANDFORMS
TERRACES (LANDFORMS)
PLATEAUS
PIEDMONTS
CENTRAL PIEDMONT (US)
RT COASTAL PLAINS
MOUNTAINS

PIERCING

UF PUNCTURING
RT CUTTING
DRILLING
EXTRUDING
FORGING
METAL WORKING
PENETRATION
PERFORATING
∞ PERFORATION
SPARK MACHINING
VULNERABILITY

PIERS

USE WHARVES

PIEZOELECTRIC CERAMICS

GS TITANIUM COMPOUNDS
TITANATES
PIEZOELECTRIC CERAMICS
LEAD ZIRCONATE TITANATES

PIEZOELECTRIC CRYSTALS

GS CRYSTALS
CRYSTAL OSCILLATORS
PIEZOELECTRIC CRYSTALS
RT MICROSONICS
PIEZORESISTIVE TRANSDUCERS
QUARTZ TRANSDUCERS
SINGLE CRYSTALS

PIEZOELECTRIC GAGES

GS MEASURING INSTRUMENTS
PRESSURE GAGES
PIEZOELECTRIC GAGES
TRANSDUCERS

PIEZOELECTRIC TRANSDUCERS

PIEZOELECTRIC GAGES-(CONT)

PIEZOELECTRIC TRANSDUCERS
PIEZOELECTRIC GAGES
 PIEZORESISTIVE TRANSDUCERS
PIEZOELECTRIC GAGES
 RT PRESSURE SENSORS
 STRAIN GAGES

PIEZOELECTRIC TRANSDUCERS

GS TRANSDUCERS
PIEZOELECTRIC TRANSDUCERS
 PIEZOELECTRIC GAGES
 RT INTERDIGITAL TRANSDUCERS
 PRAETERSONIC DEVICES
 ULTRASONIC CLEANING

PIEZOELECTRICITY

GS MECHANICAL PROPERTIES
PIEZOELECTRICITY
 RT CRYSTAL OSCILLATORS
 ELASTIC PROPERTIES
 ELECTRICITY
 ELECTROSTRICTION
 PIEZORESISTIVE TRANSDUCERS
 PYROELECTRICITY

PIEZOMETERS

GS MEASURING INSTRUMENTS
 PRESSURE GAGES
PIEZOMETERS
 RT SEEPAGE

PIEZORESISTIVE TRANSDUCERS

GS TRANSDUCERS
PIEZORESISTIVE TRANSDUCERS
 PIEZOELECTRIC GAGES
 RT PIEZOELECTRIC CRYSTALS
 PIEZOELECTRICITY

PIGEONS

GS ANIMALS
 VERTEBRATES
 BIRDS
PIGEONS

PIGGYBACK SYSTEMS

RT AIR LAUNCHING
 MULTISTAGE ROCKET VEHICLES
 PAYLOAD MASS RATIO
 PAYLOADS
 ∞ SYSTEMS

PIGMENTS

GS **PIGMENTS**
 CAROTENE
 CHLOROPHYLLS
 CYTOCHROMES
 MELANIN
 VISUAL PIGMENTS
 RT ADDITIVES
 ALBINISM
 ANATASE
 DOPA
 FILLERS
 INKS
 MYOGLOBIN
 PAINTS
 PHTHALOCYANIN
 RUTILE
 SKIN (ANATOMY)

PIGS (SWINE)

USE SWINE

PIKE'S PEAK (CO)

GS LANDFORMS
 PEAKS (LANDFORMS)
PIKE'S PEAK (CO)
 RT COLORADO
 MOUNTAINS

PILE FOUNDATIONS

GS FOUNDATIONS
PILE FOUNDATIONS
 RT ∞ PILES

∞ PILES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NUCLEAR REACTORS
 PILE FOUNDATIONS

PILLOWS

RT COUCHES
 CUSHIONS
 SEATS

PILOCARPINE

GS HETEROCYCLIC COMPOUNDS
 ALKALOIDS
PILOCARPINE
 NITROGEN COMPOUNDS
 ALKALOIDS
PILOCARPINE

PILOT ERROR

UF FLIGHT TECHNICAL ERROR
 GS ERRORS
 RT **PILOT ERROR**
 AIRCRAFT ACCIDENTS
 COLLISIONS
 CRASH LANDING
 CRASHES
 HUMAN FACTORS ENGINEERING
 HUMAN PERFORMANCE
 MIDAIR COLLISIONS
 PILOT INDUCED OSCILLATION

PILOT INDUCED OSCILLATION

RT AERODYNAMIC STABILITY
 AIRCRAFT CONTROL
 AIRCRAFT STABILITY
 CONTROL STABILITY
 HIGH GAIN
 LONGITUDINAL CONTROL
 MAN MACHINE SYSTEMS
 NONSTABILIZED OSCILLATION
 PILOT ERROR
 PILOT PERFORMANCE
 SELF INDUCED VIBRATION
 STABLE OSCILLATIONS
 TRANSIENT OSCILLATIONS

PILOT LANDING AID TELEVISION SYSTEM

USE PLAT SYSTEM

PILOT PERFORMANCE

GS HUMAN PERFORMANCE
PILOT PERFORMANCE
 RT AIRCRAFT PERFORMANCE
 ASTRONAUT PERFORMANCE
 INTRAVEHICULAR ACTIVITY
 MAN OPERATED PROPULSION SYSTEMS
 OPERATOR PERFORMANCE
 ∞ PERFORMANCE
 PILOT INDUCED OSCILLATION
 PSYCHOMOTOR PERFORMANCE
 SENSORIMOTOR PERFORMANCE

PILOT PLANTS

RT INDUSTRIAL PLANTS
 MODELS
 PRODUCT DEVELOPMENT
 PROTOTYPES

PILOT SELECTION

GS SELECTION
 PERSONNEL SELECTION
PILOT SELECTION
 RT PHYSIOLOGICAL TESTS
 PSYCHOLOGICAL TESTS

PILOT TRAINING

GS EDUCATION
PILOT TRAINING
 RT ASTRONAUT TRAINING
 AVIATION PSYCHOLOGY
 EJECTION INJURIES
 EJECTION TRAINING
 FLIGHT SIMULATORS
 FLIGHT TRAINING
 SPACE FLIGHT TRAINING
 TRAINING SIMULATORS

PILOTED CENTRIFUGES

USE HUMAN CENTRIFUGES

PILOTLESS AIRCRAFT

SN (CONVENTIONAL AIRCRAFT CONVERTED
 FOR REMOTE CONTROL)
 GS **PILOTLESS AIRCRAFT**
 DRONE AIRCRAFT
 TARGET DRONE AIRCRAFT
 FIREBEE 2 TARGET DRONE
 AIRCRAFT
 JINDIVIK TARGET AIRCRAFT

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PILOTLESS AIRCRAFT-(CONT)

RT ∞ AIRCRAFT
 BALLOONS
 DRONE VEHICLES
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 OBLIQUE WINGS
 RECONNAISSANCE AIRCRAFT
 REMOTELY PILOTED VEHICLES

∞ PILOTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRCRAFT PILOTS
 AUTOMATIC PILOTS
 PILOTS (PERSONNEL)
 TEST PILOTS

PILOTS (PERSONNEL)

GS PERSONNEL
 FLYING PERSONNEL
PILOTS (PERSONNEL)
 AIRCRAFT PILOTS
 TEST PILOTS
 OPERATORS (PERSONNEL)
PILOTS (PERSONNEL)
 AIRCRAFT PILOTS
 TEST PILOTS

RT ASTRONAUTS
 COSMONAUTS
 CREWS
 FLIGHT CREWS
 ∞ PILOTS

PINCH EFFECT

GS **PINCH EFFECT**
 PLASMA PINCH
 SCREW PINCH
 THETA PINCH
 ZETA PINCH
 REVERSE FIELD PINCH
 RT CYLINDRICAL PLASMAS
 ∞ EFFECTS
 MAGNETIC FIELDS
 MAGNETOHYDRODYNAMICS
 PLASMA COMPRESSION
 PLASMA CONTROL
 RELATIVISTIC PLASMAS
 STELLARATORS
 THERMONUCLEAR POWER GENERATION
 THERMONUCLEAR REACTIONS
 ZETA THERMONUCLEAR REACTOR

PINEAL GLAND

GS ANATOMY
 GLANDS (ANATOMY)
 ENDOCRINE GLANDS
PINEAL GLAND
 VISCERA
 ENDOCRINE GLANDS
PINEAL GLAND
 RT BRAIN

PINHOLE CAMERAS

GS OPTICAL EQUIPMENT
 CAMERAS
PINHOLE CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
PINHOLE CAMERAS
 RT APERTURES
 PHOTOGRAPHY
 PINHOLES

PINHOLES

RT CASTING
 CASTINGS
 DEFECTS
 INTERSTICES
 LEAKAGE
 PINHOLE CAMERAS
 POROSITY

PINNACLES

USE PEAKS (LANDFORMS)

PINNING

SN (LIMITED TO ELECTRONICS)
 GS **PINNING**
 FLUX PINNING
 RT CRYSTAL DEFECTS
 CRYSTAL DISLOCATIONS
 CURRENT DENSITY
 MAGNETIC FLUX

NASA THESAURUS (VOLUME 1)

PIONEER 9 SPACE PROBE

PINNING-(CONT)

SUPERCONDUCTORS

PINS

GS FASTENERS
PINS
RT COUPLINGS
HOLDERS
LATCHES
RIVETS
∞ SPIKES
STUDS (STRUCTURAL MEMBERS)

PINTLES

RT PIVOTS
RUDDERS
SHAFTS (MACHINE ELEMENTS)

PION BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
PION BEAMS
RT NEUTRAL BEAMS
NEUTRON BEAMS

PIONEER F SPACE PROBE

USE PIONEER 10 SPACE PROBE

PIONEER G SPACE PROBE

USE PIONEER 11 SPACE PROBE

PIONEER PROJECT

GS PROGRAMS
NASA PROGRAMS
PIONEER PROJECT
NASA SPACE PROGRAMS
PIONEER PROJECT
PROJECTS
PIONEER PROJECT
RT LUNAR PROBES
PIONEER SPACE PROBES
SPACE PROBES

PIONEER SATURN SPACECRAFT

USE PIONEER 11 SPACE PROBE

PIONEER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE
PIONEER PROJECT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
SOLAR PROBES

PIONEER VENUS SPACECRAFT

UF PIONEER 12 SPACE PROBE
GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS

PIONEER VENUS SPACECRAFT-(CONT)

UNMANNED SPACECRAFT

PIONEER VENUS SPACECRAFT

PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 TRANSPORTER

BUS

RT PIONEER SPACE PROBES

∞ PROBES

SPACE PROBES

PIONEER VENUS 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
RT PIONEER SPACE PROBES
∞ PROBES
SPACE PROBES

PIONEER VENUS 2 ENTRY PROBES

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
RT ∞ PROBES
PIONEER VENUS 2 NIGHT PROBE

PIONEER VENUS 2 MULTIPROBE SPACECRAFT

USE PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 NIGHT PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
RT ∞ PROBES

PIONEER VENUS 2 SOUNDER PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 SOUNDER
PROBE

PIONEER VENUS 2 SPACECRAFT

UF PIONEER VENUS 2 MULTIPROBE
SPACECRAFT
GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
VENUS PROBES
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
RT PIONEER SPACE PROBES
∞ PROBES
∞ SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS

GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
VENUS PROBES
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
RT ∞ PROBES

PIONEER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 1 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 1 SPACE PROBE
RT THOR ABLE ROCKET VEHICLE

PIONEER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 2 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 2 SPACE PROBE

PIONEER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE

PIONEER 4 LUNAR PROBE

USE PIONEER 4 SPACE PROBE

PIONEER 4 SPACE PROBE

UF PIONEER 4 LUNAR PROBE
GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 4 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 4 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE

PIONEER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 5 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 5 SPACE PROBE
RT THOR ABLE ROCKET VEHICLE

PIONEER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 6 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 6 SPACE PROBE
RT DELTA LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE

PIONEER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 7 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 7 SPACE PROBE
RT DELTA LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 8 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 8 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE
∞ PROBES

PIONEER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 9 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 9 SPACE PROBE

PIONEER 10 SPACE PROBE

PIONEER 9 SPACE PROBE-(CONT)

RT ∞ PROBES

PIONEER 10 SPACE PROBE

UF PIONEER F SPACE PROBE
GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 10 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 10 SPACE PROBE
RT ∞ PROBES

PIONEER 11 SPACE PROBE

UF PIONEER G SPACE PROBE
PIONEER SATURN SPACECRAFT
GS UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 11 SPACE PROBE
RT ∞ PROBES

PIONEER 12 SPACE PROBE

USE PIONEER VENUS SPACECRAFT

PIONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
PIONS
NUCLEAR PARTICLES
BOSONS
MESONS
PIONS
RT BARYONS
CHARGED PARTICLES
KAONS

PIPE FLOW

UF KIRCHHOFF-HELMHOLTZ FLOW
GS FLUID FLOW
GAS FLOW
PIPE FLOW
PARALLEL FLOW
PIPE FLOW
RT CHANNEL FLOW
CRITICAL FLOW
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW
OPEN CHANNEL FLOW
ORIFICE FLOW
PIPES (TUBES)
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW
WATER FLOW
WATER HAMMER
WATER PRESSURE

PIPE NOZZLES

RT EXHAUST SYSTEMS
INLET NOZZLES
INTAKE SYSTEMS
NOZZLE GEOMETRY
∞ NOZZLES
OPENINGS
OUTLETS
TANKS (CONTAINERS)

PIPELINES

GS **PIPELINES**
SEWERS
RT CROSSINGS
∞ LINES
MATERIALS HANDLING
PIPES (TUBES)
PUMPS
SIPHONS
STEAM FLOW
∞ STORAGE
STORAGE TANKS
TRANSPORTATION
WASTE DISPOSAL
WATER HAMMER

PIPELINING (COMPUTERS)

GS DATA PROCESSING
MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
RT ASSOCIATIVE PROCESSING
(COMPUTERS)
DATA PROCESSING EQUIPMENT
MULTIPROGRAMMING
PARALLEL PROGRAMMING
TIME SHARING

PIPER AIRCRAFT

GS LIGHT AIRCRAFT
PIPER AIRCRAFT
PA-34 SENECA AIRCRAFT
RT ∞ AIRCRAFT
GENERAL AVIATION AIRCRAFT

PIPERIDINE

GS HETEROCYCLIC COMPOUNDS
PIPERIDINE
PYRIDINES
PIPERIDINE

PIPES (TUBES)

UF TUBING
GS **PIPES (TUBES)**
GAS PIPES
U BENDS
RT ∞ CASING
CIRCULAR TUBES
DUCTS
FLUID FLOW
∞ HEADERS
HOSES
∞ HYDRAULICS
MANIFOLDS
PIPE FLOW
PIPELINES
RISERS
SIPHONS
SYRINGES
∞ TUBES

PIPETTES

RT BURETTES
GLASSWARE
LABORATORY EQUIPMENT

PIRANI GAGES

GS MEASURING INSTRUMENTS
PRESSURE GAGES
VACUUM GAGES
PIRANI GAGES
VACUUM APPARATUS
VACUUM GAGES
PIRANI GAGES
RT HOT-WIRE FLOWMETERS
IONIZATION GAGES
KNUDSEN GAGES
MCLEOD GAGES
PRESSURE MEASUREMENT

PISTON ENGINES

UF RECIPROCATING ENGINES
GS ENGINES
PISTON ENGINES
DIESEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
EXTERNAL COMBUSTION ENGINES
FUEL INJECTION
INTERNAL COMBUSTION ENGINES
PISTONS
RECIPROCATION
ROTARY ENGINES
WANKEL ENGINES

PISTON THEORY

RT COMPRESSING
FLUID DYNAMICS
PISTONS
∞ THEORIES

PISTONS

GS **PISTONS**
MAGNETIC PISTONS
RT COMBUSTION CHAMBERS
ENGINE PARTS
INTERNAL COMBUSTION ENGINES
PISTON ENGINES
PISTON THEORY
PLUNGERS
RECIPROCATION

NASA THESAURUS (VOLUME 1)

∞ PITCH

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

UF TONE
RT FREQUENCIES
PITCH (INCLINATION)
PITCH (MATERIAL)

PITCH (INCLINATION)

UF DAMPING IN PITCH
PHUGOID OSCILLATIONS
PITCH ANGLES
GS ATTITUDE (INCLINATION)
PITCH (INCLINATION)
RT ANGLES (GEOMETRY)
HEAVING
LONGITUDINAL CONTROL
LONGITUDINAL STABILITY
∞ MOTION
∞ PITCH
ROLL
ROTATION
SLOPES
STABILITY AUGMENTATION
VARIABLE PITCH PROPELLERS
YAW

PITCH (MATERIAL)

RT ASPHALT
OILS
∞ PITCH
TARS

PITCH ANGLES

USE PITCH (INCLINATION)

PITCH ATTITUDE CONTROL

USE LONGITUDINAL CONTROL

PITCHING MOMENTS

GS MOMENTS
STABILITY DERIVATIVES
PITCHING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LONGITUDINAL STABILITY
MOMENTS OF INERTIA
ROLLING MOMENTS
TORQUE
YAWING MOMENTS

PITOT TUBES

UF PRESTON TUBES
RT FLOW MEASUREMENT
FLOWMETERS
PRESSURE MEASUREMENT
PROTUBERANCES
SPEED INDICATORS
STATIC PRESSURE
∞ TUBES
VELOCITY MEASUREMENT
VENTURI TUBES

∞ PITS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT PITS (EXCAVATIONS)
PITTING

PITS (EXCAVATIONS)

RT BOREHOLES
EXCAVATION
MINES (EXCAVATIONS)
∞ PITS
SUMPS

PITTING

RT CHEMICAL ATTACK
CHIPPING
CORROSION
CORROSION RESISTANCE
CORROSION TESTS
DEGRADATION
EROSION
EROSIVE BURNING
ETCHING
HOT CORROSION
METAL-WATER REACTIONS
∞ PITS
SCORING

PITUITARY GLAND

GS ANATOMY

PITUITARY GLAND-(CONT)

GLANDS (ANATOMY)
ENDOCRINE GLANDS
PITUITARY GLAND
ORGANS
PITUITARY GLAND
VISCERA
ENDOCRINE GLANDS
PITUITARY GLAND
ORGANS
PITUITARY GLAND

PITUITARY HORMONES

GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)

PIVOTED WING AIRCRAFT

USE TILT WING AIRCRAFT

PIVOTS

UF TROCHOIDS
RT BEARINGS
GIMBALS
HINGES
PINTLES
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SWIVELS

PIX

USE PLASMA INTERACTION EXPERIMENT

PL/1

GS LANGUAGES
PROGRAMMING LANGUAGES
PL/1
RT COBOL
COMPILERS
COMPUTER PROGRAMMING
FORTRAN
MACHINE ORIENTED LANGUAGES

PLAGES (FACULAE)

USE FACULAE

PLAINS

GS LAND
PLAINS
COASTAL PLAINS
FLOOD PLAINS
LLANOS ORIENTALES (COLOMBIA)
PAMPAS
PENEPLAINS
PLAYAS
TUNDRA
RT FARMLANDS
FLATS (LANDFORMS)
GEOGRAPHY
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH AMERICA)
LANDFORMS
PLATEAUS
STEPPES
TOPOGRAPHY
WILDERNESS

PLAN POSITION INDICATORS

UF PPI (POSITION INDICATORS)
GS AIRCRAFT INSTRUMENTS
POSITION INDICATORS
PLAN POSITION INDICATORS
DISPLAY DEVICES
POSITION INDICATORS
PLAN POSITION INDICATORS
RADARSCOPE
PLAN POSITION INDICATORS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
POSITION INDICATORS
PLAN POSITION INDICATORS
RADAR EQUIPMENT
RADARSCOPE
PLAN POSITION INDICATORS

PLANAR STRUCTURES

RT FLAT LAYERS
FLAT PLATES
FLAT SURFACES
FLATNESS
 ∞ STRUCTURES

PLANAR STRUCTURES-(CONT)

SURFACE PROPERTIES

PLANCKS CONSTANT

GS CONSTANTS
RT **PLANCKS CONSTANT**
BLACK BODY RADIATION
DE BROGLIE WAVELENGTHS
ELECTROMAGNETIC RADIATION
NUCLEAR MAGNETIC RESONANCE
PHOTONS
QUANTUM THEORY
THERMAL RADIATION
WENTZEL-KRAMER-BRILLOUIN METHOD

PLANE STRAIN

RT CRACK PROPAGATION
ELASTIC DEFORMATION
FRACTURE MECHANICS
PLASTIC DEFORMATION
STRESS INTENSITY FACTORS
STRESS-STRAIN RELATIONSHIPS

PLANE WAVES

GS LONGITUDINAL WAVES
PLANE WAVES
RT BEAMS (RADIATION)
CYLINDRICAL WAVES
ELASTIC WAVES
NORMAL SHOCK WAVES
 ∞ RADIATION
SHOCK WAVES
SOLITARY WAVES
SOUND WAVES
SPATIAL FILTERING
SPHERICAL WAVES
TRANSVERSE WAVES
TRAVELING WAVES
 ∞ WAVES

PLANET EPHEMERIDES

GS EPHEMERIDES
RT **PLANET EPHEMERIDES**
GEOCENTRIC COORDINATES
PLANETS

PLANET ORIGINS

USE PLANETARY EVOLUTION

PLANETARIUMS

RT ASTRONOMICAL MODELS
DISPLAY DEVICES

PLANETARY ATMOSPHERES

SN (EXCLUDES EARTH ATMOSPHERE)
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
RT ∞ ABSORPTION
 ∞ ATMOSPHERES
ATMOSPHERIC ATTENUATION
ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATMOSPHERIC TEMPERATURE
EARTH ATMOSPHERE
IONOPAUSE
LUNAR ATMOSPHERE
NONGRAY ATMOSPHERES
ORGANIC SOLIDS
PLANETARY RINGS
PRIMITIVE EARTH ATMOSPHERE
RADIATIVE TRANSFER
RADIO OCCULTATION
SATELLITE ATMOSPHERES
SATURN RINGS
SOLAR PLANETARY INTERACTIONS

PLANETARY BASES

RT EXTRATERRESTRIAL RESOURCES
SPACE EXPLORATION
STATIONS

PLANETARY BOUNDARY LAYER

GS BOUNDARY LAYERS
PLANETARY BOUNDARY LAYER

PLANETARY BOUNDARY LAYER-(CONT)

RT ATMOSPHERIC BOUNDARY LAYER

PLANETARY COMPOSITION

GS COMPOSITION (PROPERTY)
PLANETARY COMPOSITION
RT EARTH PLANETARY STRUCTURE
GAS GIANT PLANETS
JUPITER RINGS
SATURN RINGS
SPACE EXPLORATION
STRUCTURAL PROPERTIES (GEOLOGY)

PLANETARY CORES

GS CORES
PLANETARY CORES
EARTH CORE
RT PLANETS
STELLAR CORES

PLANETARY CRATERS

GS CRATERS
PLANETARY CRATERS
MARS CRATERS
RT EARTH (PLANET)
IMPACT DAMAGE
MARS (PLANET)
MARS SURFACE
MERCURY (PLANET)
METEORITE CRATERS
PLANETS
VENUS (PLANET)
VENUS SURFACE

PLANETARY ENTRY

USE ATMOSPHERIC ENTRY

PLANETARY ENVIRONMENTS

SN (EXCLUDES EARTH)
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES
HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
BIOASTRONAUTICS
EXOBIOLGY
LIFE SUPPORT SYSTEMS
LONG DURATION SPACE FLIGHT
LUNAR ENVIRONMENT
PLANETS
PROTOPLANETS
TERRESTRIAL PLANETS
THERMAL ENVIRONMENTS

PLANETARY EVOLUTION

UF PLANET ORIGINS
GS EVOLUTION (DEVELOPMENT)
PLANETARY EVOLUTION
RT COSMOLOGY
PROTOPLANETS
STELLAR EVOLUTION

PLANETARY EXPLORATION

USE SPACE EXPLORATION

PLANETARY EXPLORER

USE OUTER PLANETS EXPLORERS

PLANETARY GEOLOGY

GS **PLANETARY GEOLOGY**
MARS VOLCANOES

PLANETARY GRAVITATION

GS GRAVITATION
PLANETARY GRAVITATION
RT ESCAPE VELOCITY
LUNAR GRAVITATION

PLANETARY LANDING

SN (EXCLUDES LANDING ON THE PLANET EARTH)
GS LANDING
SPACECRAFT LANDING
PLANETARY LANDING

PLANETARY LIMB

PLANETARY LANDING-(CONT)

RT CRASH LANDING
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
INTERPLANETARY FLIGHT
LUNAR LANDING
MARS LANDING
ORBITAL MECHANICS
ROVING VEHICLES
SOFT LANDING
WATER LANDING

PLANETARY LIMB

RT EARTH LIMB
 ∞ LIMBS
LUNAR LIMB
SOLAR LIMB

PLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
PLANETARY MAGNETIC FIELDS
RT GEOMAGNETIC TAIL
GEOMAGNETISM
POLAR CUSPS
SOLAR PLANETARY INTERACTIONS

PLANETARY MANTLES

GS PLANETARY MANTLES
EARTH MANTLE
RT CRUSTS
LITHOSPHERE
LUNAR MANTLE

PLANETARY MAPPING

GS MAPPING
PLANETARY MAPPING
RT ASTROGRAPHY
HEAT CAPACITY MAPPING MISSION
THERMAL MAPPING

PLANETARY MASS

GS MASS
PLANETARY MASS
RT PROTOPLANETS

PLANETARY MOTION

USE SOLAR ORBITS

PLANETARY NEBULAE

GS CELESTIAL BODIES
NEBULAE
PLANETARY NEBULAE
RT ORION NEBULA

PLANETARY ORBITS

GS ORBITS
PLANETARY ORBITS
RT AMOR ASTEROID
APOLLO ASTEROIDS
CHARON
CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
INTERPLANETARY TRAJECTORIES
PARKING ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
SWINGBY TECHNIQUE
TRANSFER ORBITS
TWENTY-FOUR HOUR ORBITS
VIKING ORBITER SPACECRAFT

PLANETARY QUAKES

RT EARTHQUAKES
GEODYNAMICS
MOONQUAKES
SEISMIC WAVES
SHOCK WAVES

PLANETARY QUARANTINE

RT SPACECRAFT STERILIZATION

PLANETARY RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
GS ELECTROMAGNETIC RADIATION
PLANETARY RADIATION
EXTRATERRESTRIAL RADIATION
PLANETARY RADIATION
RT ALBEDO
DECIMETER WAVES
INFRARED RADIATION

PLANETARY RADIATION-(CONT)

LIGHT (VISIBLE RADIATION)
 ∞ RADIATION
RADIO WAVES
SATURN ATMOSPHERE
TERRESTRIAL RADIATION
THERMAL RADIATION
VLF EMISSION RECORDERS

PLANETARY RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
JUPITER RINGS
SATURN RINGS
URANUS RINGS
RT PLANETARY ATMOSPHERES
PLANETS
 ∞ RINGS

PLANETARY ROTATION

GS GYRATION
ROTATION
PLANETARY ROTATION
RT ASTROPHYSICS
PLANETOLOGY
ROTATING BODIES
STELLAR ROTATION

PLANETARY SATELLITES

USE NATURAL SATELLITES

PLANETARY SPACE FLIGHT

USE INTERPLANETARY FLIGHT

PLANETARY SPACECRAFT

USE INTERPLANETARY SPACECRAFT

PLANETARY STRUCTURE

RT CHEMICAL COMPOSITION
EARTH PLANETARY STRUCTURE
JUPITER RINGS
LUNAR MANTLE
PLANETOLOGY
URANUS RINGS

PLANETARY SURFACES

GS PLANETARY SURFACES
MARS SURFACE
VENUS SURFACE
RT EARTH SURFACE
JUPITER RED SPOT
ROVING VEHICLES
SATURN RINGS
SURFACE PROPERTIES
 ∞ SURFACES
TOPOGRAPHY

PLANETARY TEMPERATURE

GS TEMPERATURE
PLANETARY TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
SATURN RINGS

PLANETARY WAVES

UF LONG WAVES (METEOROLOGY)
ROSSBY WAVES
GS BAROTROPISM
PLANETARY WAVES
INTERNAL WAVES
PLANETARY WAVES
TROPOSPHERIC WAVES
PLANETARY WAVES
RT ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
CORIOLIS EFFECT
FLUID FLOW
GRAVITY WAVES
ROSSBY REGIMES
ROTATING FLUIDS
ROTATING LIQUIDS
VORTICES
 ∞ WAVES

PLANETISMALS

USE PROTOPLANETS

PLANETOCENTRIC COORDINATES

GS COORDINATES
PLANETOCENTRIC COORDINATES
GEOCENTRIC COORDINATES
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SPHERICAL COORDINATES

NASA THESAURUS (VOLUME 1)

PLANETOLOGY

RT JUPITER RINGS
PLANETARY ROTATION
PLANETARY STRUCTURE
SATURN RINGS
TERRESTRIAL PLANETS

PLANETS

GS CELESTIAL BODIES
PLANETS
EXTRASOLAR PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
URANUS SATELLITES
PLUTO (PLANET)
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)
VENUS (PLANET)
RT CELESTIAL MECHANICS
CHIRON
ECLIPTIC
JUPITER RED SPOT
NATURAL SATELLITES
PLANET EPHEMERIDES
PLANETARY CORES
PLANETARY CRATERS
PLANETARY ENVIRONMENTS
PLANETARY RINGS
PROTOPLANETS
SATURN RINGS
SOLAR SYSTEM
SUN

PLANFORMS

GS PLANFORMS
CARET WINGS
RECTANGULAR PLANFORMS
RECTANGULAR PANELS
RECTANGULAR PLATES
RECTANGULAR WINGS
SWEEPBACK TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES
WING PLANFORMS
CHANNEL WINGS
INFINITE SPAN WINGS
SWEEP FORWARD WINGS
TRAPEZOIDAL WINGS
SWEEPBACK WINGS
ARROW WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
VARIABLE SWEEP WINGS
RT ∞ BODIES
 ∞ CROSS SECTIONS
GEOMETRY
 ∞ PROFILES
SHAPES
 ∞ SURFACE GEOMETRY

PLANIGRAPHY

USE TOMOGRAPHY

PLANING

SN (EXCLUDES MOTION INVOLVING
DYNAMIC SUPPORTING FORCES)
GS CUTTING
PLANING
RT GRINDING (MATERIAL REMOVAL)
MACHINING
METAL CUTTING
MILLING (MACHINING)
SLICING
SMOOTHING

PLANISPHERES

GS MAPS
ASTRONOMICAL MAPS
PLANISPHERES
RT ASTRONOMICAL COORDINATES
CELESTIAL SPHERE
CONSTELLATIONS
POLAR COORDINATES

PLANKTON

UF PLANKTON BLOOM
RT ALGAE
ANIMALS
PLANTS (BOTANY)
RED TIDE

NASA THESAURUS (VOLUME 1)

PLASMA CLOUDS

PLANKTON-(CONT.)

THERMAL POLLUTION

PLANKTON BLOOM

USE PLANKTON

PLANNING

GS

PLANNING

AIRPORT PLANNING
MANAGEMENT PLANNING
PRODUCTION PLANNING
PROJECT PLANNING
MISSION PLANNING
REGIONAL PLANNING
URBAN PLANNING
BUDGETING
CRITICAL PATH METHOD
DELPHI METHOD (FORECASTING)
∞ DESIGN
FORECASTING
∞ MISSIONS
OPTIMIZATION
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PRODUCTION ENGINEERING
PROFILE METHOD (FORECASTING)
PROGRESS
SEQUENCING
SLICING
STARSITE PROGRAM
TRAINING ANALYSIS
URBAN DEVELOPMENT

PLANOTRONS

UF

AMPLITRONS (TRADEMARK)

GS

ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMIONS
THERMIONIC DIODES
THYRATRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMIONS
THERMIONIC DIODES
THYRATRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
HELITRONS
RT CAMERA TUBES
ELECTRIC ARCS
MAGNETRONS

∞ PLANS

SN

(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT

DRAWINGS
FLIGHT PLANS
LAYOUTS
MISSION PLANNING
PAYLOAD INTEGRATION PLAN
URBAN DEVELOPMENT

PLANT DESIGN

SN

(EXCLUDES BIOLOGICAL PLANTS)

RT

ARCHITECTURE
∞ DESIGN
STRUCTURAL DESIGN

PLANT ROOTS

RT

BULBS
PLANTS (BOTANY)
∞ ROOTS
VEGETATION GROWTH

PLANT STRESS

RT

AERIAL PHOTOGRAPHY
AGRICULTURE
CROP GROWTH
CROP VIGOR

PLANT STRESS-(CONT.)

EARTH RESOURCES PROGRAM
REMOTE SENSING
SOIL MOISTURE
SPECTRAL REFLECTANCE
VEGETATION GROWTH

PLANTAR TISSUES

GS

TISSUES (BIOLOGY)
PLANTAR TISSUES

PLANTING

RT

AGRICULTURE
∞ CROPS
CULTIVATION
FARM CROPS
FARMLANDS
FERTILIZERS
PLANTS (BOTANY)
FLOWING
FLOWS
SEEDS
SILVICULTURE
SOILS
TRACTORS
VEGETABLES

PLANTS (BOTANY)

UF

FLORA

GS

PLANTS (BOTANY)
ALFALFA
AQUATIC PLANTS
BARLEY
BRUSH (BOTANY)
CHAPARRAL
BRYOPHYTES
CORN
FOLIAGE
GRASSES
HAY
REEDS (PLANTS)
SEA GRASSES
SORGHUM
GUAYULE
LEAVES
LICHENS
NIGELLA
OATS
ORCHARDS
PHOTOPHILIC PLANTS
PHREATOPHYTES
SAPROPHYTES
SUGAR CANE
SUNFLOWERS
THERMOPHILIC PLANTS
TOBACCO
TRAGACANTH
TREES (PLANTS)
CITRUS TREES
CONIFERS
DECIDUOUS TREES
RT AGRICULTURE
ANGIOSPERMS
ANIMALS
BIOCHEMICAL OXYGEN DEMAND
BIOGEOCHEMISTRY
BIOMASS
BLIGHT
BOTANY
CANOPIES (VEGETATION)
CARBON CYCLE
CHLOROPHYLLS
CORTEXES (BOTANY)
COTTON
CROP GROWTH
CROP VIGOR
DEFOLIANTS
DEFOLIATION
EARTH RESOURCES
ENVIRONMENTS
FOOD CHAIN
FORESTS
FROST DAMAGE
GEOBOTANY
GEOTROPISM
GRAVITROPISM
GREENHOUSES
HALOPHYTES
HERBICIDES
HETEROTROPHS
HYDROPONICS
INFESTATION
LACUNAS
MICROORGANISMS
MICROSPORES

PLANTS (BOTANY)-(CONT.)

MITRA
ORGANISMS
PETALS
PHOTOTROPISM
PHYTOTRONS
PLANKTON
PLANT ROOTS
PLANTING
FLOWING
POLLEN
POTATOES
RAIN FORESTS
SEEDS
SPINACH
SPORES
STEMS
TRADESCANTIA
UTRICLE
VEGETATION
VIABILITY
VINEYARDS
WOOD

PLANTS (INDUSTRIES)

USE

INDUSTRIAL PLANTS

PLASMA ACCELERATION

UF

MAGNETOHYDRODYNAMIC

GS

ACCELERATION
RATES (PER TIME)
ACCELERATION (PHYSICS)
PLASMA ACCELERATION

RT

∞ ACCELERATION
PARTICLE ACCELERATION
PLASMAS (PHYSICS)
WAVE PROPAGATION

PLASMA ACCELERATORS

GS

PLASMA ACCELERATORS
ALPHA PLASMA DEVICES
COAXIAL PLASMA ACCELERATORS
CYCLOPS PLASMA ACCELERATOR
RT ∞ ACCELERATORS
ELECTROMAGNETIC ACCELERATION
ION INJECTION
MAGNETIC ANNULAR ARC
MAGNETOHYDRODYNAMIC GENERATORS
PLASMAS (PHYSICS)

PLASMA ANTENNAS

GS

ANTENNAS
PLASMA ANTENNAS
RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
PLASMA CYLINDERS
SPACECRAFT COMMUNICATION

PLASMA ARC CUTTING

RT

METAL CUTTING
METAL WORKING
PLASMA ARC WELDING
PLASMA TORCHES
PLASMAS (PHYSICS)

PLASMA ARC SPRAYING

USE

ARC SPRAYING

PLASMA ARC WELDING

GS

WELDING
ELECTRIC WELDING
ARC WELDING
PLASMA ARC WELDING
RT PLASMA ARC CUTTING
PLASMA TORCHES
PLASMAS (PHYSICS)

PLASMA ARCS

USE

PLASMA JETS

PLASMA BUBBLES

RT

F REGION
PLASMA DENSITY

PLASMA CHEMISTRY

RT

∞ CHEMISTRY
NUCLEAR CHEMISTRY
PLASMAS (PHYSICS)

PLASMA CLOUDS

GS

CLOUDS
PLASMA CLOUDS
PARTICLES
CHARGED PARTICLES

PLASMA COMPOSITION

PLASMA CLOUDS-(CONT)

PLASMA CLOUDS
RT CHEMICAL CLOUDS
CLOUDS (METEOROLOGY)
COSMIC PLASMA
GEOMAGNETIC HOLLOW
HYDROGEN CLOUDS
INTERPLANETARY MEDIUM
ION SHEATHS
MAGNETOSPHERE
PLASMAPAUSE
PLASMAS (PHYSICS)

PLASMA COMPOSITION

GS COMPOSITION (PROPERTY)
PLASMA COMPOSITION
RT ATOM CONCENTRATION
GAS COMPOSITION
ION MOTION
IONOSPHERIC COMPOSITION
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
PLASMAS (PHYSICS)
THOMAS-FERMI MODEL
URANIUM PLASMAS

PLASMA COMPRESSION

GS COMPRESSING
PLASMA COMPRESSION
RT CONTROLLED FUSION
DENSE PLASMAS
INERTIAL FUSION (REACTOR)
MAGNETIC EFFECTS
MAGNETIC FIELD CONFIGURATIONS
PINCH EFFECT
PLASMA FOCUS
PLASMAS (PHYSICS)
STRONGLY COUPLED PLASMAS
THETA PINCH
TOKAMAK DEVICES
ZETA PINCH

PLASMA CONDUCTIVITY

GS TRANSPORT PROPERTIES
ELECTRICAL RESISTIVITY
PLASMA CONDUCTIVITY
RT COLLISIONAL PLASMAS
 ∞ CONDUCTIVITY
IONOSPHERIC CONDUCTIVITY
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
STRONGLY COUPLED PLASMAS

PLASMA CONFINEMENT

USE PLASMA CONTROL

PLASMA CONTROL

UF PLASMA CONFINEMENT
RT BALLOONING MODES
BETA FACTOR
BUMPY TORUSES
CONFINEMENT
 ∞ CONTROL
CROSSED FIELD GUNS
CROSSED FIELDS
ELECTRON-ION RECOMBINATION
ELLIPTICAL PLASMAS
HELICAL INDUCERS
LIMITERS (FUSION REACTORS)
MAGNETIC ANNULAR ARC
MAGNETIC COMPRESSION
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC MIRRORS
MAGNETICALLY TRAPPED PARTICLES
MIRROR FUSION
PINCH EFFECT
PLASMAS (PHYSICS)
REVERSE FIELD PINCH
RIGID ROTORS (PLASMA PHYSICS)
SCREW PINCH
TOKAMAK DEVICES
TOROIDAL PLASMAS
TRANSFORMERS
TRAP PROGRAM
TRAPPED MAGNETIC FIELDS
ZETA PINCH

PLASMA COOLING

GS COOLING
PLASMA COOLING
RT CONTROLLED FUSION
IONIZED GASES
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
TEMPERATURE CONTROL

PLASMA CORE REACTORS

GS NUCLEAR REACTORS
PLASMA CORE REACTORS
RT CRITICAL MASS
NUCLEAR POWER PLANTS
NUCLEAR RESEARCH
PLASMAS (PHYSICS)
RADIOACTIVE WASTES
REACTOR CORES
 ∞ REACTORS
REFLECTORS
WASTE DISPOSAL

PLASMA CURRENTS

GS ELECTRIC CURRENT
PLASMA CURRENTS
RT BEAM CURRENTS
CONTROLLED FUSION
EDDY CURRENTS
ELECTRIC DISCHARGES
ELECTRICAL RESISTIVITY
HIGH CURRENT
IONOSPHERIC CURRENTS
LINE CURRENT
LOW CURRENTS
MAGNETOHYDRODYNAMICS
PLASMA-PARTICLE INTERACTIONS
PLASMAS (PHYSICS)
RING CURRENTS
SPHEROMAKS
TOROIDAL PLASMAS

PLASMA CYLINDERS

GS **PLASMA CYLINDERS**
CYLINDRICAL PLASMAS
RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
PLASMA ANTENNAS
PLASMA GUIDES
PLASMAS (PHYSICS)

PLASMA DECAY

GS DECAY
PLASMA DECAY
RT AFTERGLOWS
ELECTROMAGNETIC WAVE
TRANSMISSION
HELIUM AFTERGLOW
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
PLASMA DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
CAVITONS
COLLISIONAL PLASMAS
ELECTRON DENSITY (CONCENTRATION)
ELECTRON-HOLE DROPS
ION DENSITY (CONCENTRATION)
MAGNETOPLASMA DYNAMICS
MAGNETOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
PLASMA BUBBLES
PLASMA DRIFT
PLASMAS (PHYSICS)
PROTON DENSITY (CONCENTRATION)
SPACE DENSITY
SPACE PLASMAS
STRONGLY COUPLED PLASMAS

PLASMA DIAGNOSTICS

RT FABRY-PEROT INTERFEROMETERS
MICROWAVE INTERFEROMETERS
OPEN PROJECT
PLASMAS (PHYSICS)
RESONANCE PROBES
SPACE PLASMAS

PLASMA DIFFUSION

UF PLASMA DISPERSION
GS DIFFUSION
PLASMA DIFFUSION
RT AMBIPOlar DIFFUSION
COLLOIDAL GENERATORS
DIFFUSION WAVES
ELECTRON DIFFUSION
GASEOUS SELF-DIFFUSION
ION MOTION
IONIC DIFFUSION
PLASMAS (PHYSICS)

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PLASMA DIODES

GS ELECTRONIC EQUIPMENT
DIODES
PLASMA DIODES
RT CESIUM DIODES
PLASMAS (PHYSICS)

PLASMA DISCHARGES

USE PLASMA JETS

PLASMA DISPERSION

USE PLASMA DIFFUSION

PLASMA DISPLAY DEVICES

GS DISPLAY DEVICES
PLASMA DISPLAY DEVICES
RT ∞ DEVICES
GAS IONIZATION
GLOW DISCHARGES
LIGHT SOURCES
PLASMAS (PHYSICS)

PLASMA DRIFT

RT MAGNETOHYDRODYNAMIC STABILITY
PLASMA DENSITY
PLASMA WAVES
PLASMAS (PHYSICS)

PLASMA DYNAMICS

UF SNOWFLOW EFFECT
RT ∞ DYNAMICS
HYDRODYNAMIC EQUATIONS
MAGNETOHYDRODYNAMICS
PLASMAS (PHYSICS)

PLASMA ELECTRODES

GS ELECTRODES
PLASMA ELECTRODES
RT HOT-WIRE FLOWMETERS
PLASMA GUIDES
PLASMATRONS
ZETA PINCH

PLASMA ENGINES

GS PLASMA POWER SOURCES
PLASMA ENGINES
TWO STAGE PLASMA ENGINES
RT ARC JET ENGINES
COAXIAL PLASMA ACCELERATORS
HIGH TEMPERATURE PROPELLANTS
ION ENGINES
MERCURY ION ENGINES
PLASMAS (PHYSICS)
PULSED JET ENGINES
RESISTOJET ENGINES
RIT ENGINES

PLASMA EQUILIBRIUM

RT BALLOONING MODES
BETA FACTOR
CONFINEMENT
ELECTRON-HOLE DROPS
 ∞ EQUILIBRIUM
EQUILIBRIUM FLOW
MAGNETIC MIRRORS
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
STRONGLY COUPLED PLASMAS

PLASMA ETCHING

RT PLASMAS (PHYSICS)
SPUTTERING

PLASMA FLOW

USE MAGNETOHYDRODYNAMIC FLOW

PLASMA FLUX MEASUREMENT

RT INTERFEROMETRY
MAGNETOHYDRODYNAMIC FLOW
MICROWAVE PLASMA PROBES
PLASMAS (PHYSICS)
ROTATING PLASMAS

PLASMA FOCUS

GS FOCI
PLASMA FOCUS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
DENSE PLASMAS
PLASMA FOCUS
RT NUCLEAR FUSION
PLASMA COMPRESSION

PLASMA FOCUS-(CONT)

STRONGLY COUPLED PLASMAS
ZETA PINCH

PLASMA FREQUENCIES

GS FREQUENCIES
PLASMA FREQUENCIES
RT ELECTRON DENSITY (CONCENTRATION)
ELECTROSTATIC PROBES
FREE ELECTRONS
PLASMAS (PHYSICS)
PLASMONS

PLASMA GENERATION

USE PLASMA GENERATORS

PLASMA GENERATORS

SN (EXCLUDES MAGNETOHYDRODYNAMIC
OR THERMONUCLEAR GENERATORS OF
ELECTRIC POWER)
UF PLASMA GENERATION
GS PLASMA GENERATORS
PLASMA GUNS
PLASMATRONS
DUOPLASMATRONS
SCYLLA
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
RT ARC CHAMBERS
ARC GENERATORS
CLOSED CYCLES
COLLOIDAL GENERATORS
ELECTRIC ARCS
EXPLODING WIRES
∞ GENERATORS
HALL GENERATORS
HIGH TEMPERATURE RESEARCH
ION INJECTION
ION SOURCES
MAGNETOHYDRODYNAMIC GENERATORS
PENNING DISCHARGE
PLASMAS (PHYSICS)
PULSE GENERATORS
THERMAL PLASMAS
THERMONUCLEAR POWER GENERATION
WIND TUNNEL DRIVES

PLASMA GUNS

GS PLASMA GENERATORS
PLASMA GUNS
RT COAXIAL PLASMA ACCELERATORS
CROSSED FIELD GUNS
ELECTRON GUNS
∞ GUNS
MAGNETIC LENSES
PLASMAS (PHYSICS)
PLASMATRONS

PLASMA HEATING

GS HEATING
PLASMA HEATING
ELECTRON CYCLOTRON HEATING
RT ARC HEATING
BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ENERGY TRANSFER
GAS HEATING
INDUCTION HEATING
IONOSPHERIC HEATING
KINETIC HEATING
MAGNETIC PUMPING
MAGNETOHYDRODYNAMIC SHEAR
HEATING
PLASMA TEMPERATURE
PLASMAS (PHYSICS)
RADIO FREQUENCY HEATING
RELATIVISTIC ELECTRON BEAMS
SHOCK HEATING

PLASMA INSTABILITY

USE MAGNETOHYDRODYNAMIC STABILITY

PLASMA INTERACTION EXPERIMENT

UF PIX
GS PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACEBORNE EXPERIMENTS
PLASMA INTERACTION
EXPERIMENT
RT ∞ INTERACTIONS
LANDSAT 3
PLASMAS (PHYSICS)
SPACE DENSITY
SPHINX

PLASMA INTERACTIONS

GS PLASMA INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
LASER PLASMA INTERACTIONS
PLASMA-PARTICLE INTERACTIONS
RT ELECTROMAGNETIC INTERACTIONS
∞ INTERACTIONS
PLASMAS (PHYSICS)
SOLAR PLANETARY INTERACTIONS
SPACE PLASMAS
WAVE INTERACTION
WEIBEL INSTABILITY

PLASMA JET SYNTHESIS

RT CHEMICAL REACTIONS
PLASMAS (PHYSICS)
∞ SYNTHESIS

PLASMA JET WIND TUNNELS

UF HYDRODYNAMIC TUNNELS
GS TEST FACILITIES
WIND TUNNELS
HYPERSONIC WIND TUNNELS
PLASMA JET WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
PLASMA JET WIND TUNNELS
RT PLASMAS (PHYSICS)

PLASMA JETS

UF PLASMA ARCS
PLASMA DISCHARGES
GS PARTICLES
PLASMA JETS
RT ∞ ARCS
CROSSED FIELD GUNS
DROP TRANSFER
ELECTRON BEAMS
ELECTRON BOMBARDMENT
FLUID JETS
ION INJECTION
∞ JETS
LOW DENSITY WIND TUNNELS
MAGNETIC LENSES
PLASMA TORCHES
PLASMAS (PHYSICS)
PLASMATRONS
PULSE DIFFRACTION
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
TOROIDAL DISCHARGE
VAPOR JETS

PLASMA LAYERS

GS PARTICLES
CHARGED PARTICLES
PLASMA LAYERS
PLASMA SHEATHS
RT ATMOSPHERIC STRATIFICATION
∞ LAYERS
PLASMAS (PHYSICS)
SPACE PLASMAS
∞ TRANSITION LAYERS

PLASMA LIFETIME

GS LIFE (DURABILITY)
PLASMA LIFETIME
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA LOSS

RT LIMITERS (FUSION REACTORS)
LOSSES
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA OSCILLATIONS

UF ION OSCILLATION
PLASMA PERTURBATION
GS OSCILLATIONS
PLASMA OSCILLATIONS
RT ELECTRON OSCILLATIONS
ION ACOUSTIC WAVES
NONUNIFORM PLASMAS
PLASMAPAUSE
PLASMAS (PHYSICS)
PLASMONS

PLASMA PERTURBATION

USE PLASMA OSCILLATIONS

PLASMA PHYSICS

UF PLASMA THEORY
GS RIGID ROTORS (PLASMA PHYSICS)

PLASMA PHYSICS-(CONT)

PLASMA PHYSICS
RT ALPHA PLASMA DEVICES
BBGKY HIERARCHY
BETA FACTOR
BOUNDARY LAYER PLASMAS
CAVITONS
CONTROLLED FUSION
ELECTRON RUNAWAY (PLASMA
PHYSICS)
HALL ACCELERATORS
INSTANTONS
LARMOR RADIUS
LIOUVILLE EQUATIONS
MAGNETIC FIELD CONFIGURATIONS
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
NEGATIVE IONS
NEUTRAL SHEETS
OPEN PROJECT
∞ PHYSICS
PLASMAPAUSE
PLASMAS (PHYSICS)
RADIATION TRAPPING
∞ SCIENCE
SEMICONDUCTOR PLASMAS
SPACE PLASMAS
THEORETICAL PHYSICS
THERMODYNAMICS
TOKAMAK DEVICES
UNIFIED FIELD THEORY
URANIUM PLASMAS

PLASMA PINCH

GS PINCH EFFECT
PLASMA PINCH
SCREW PINCH
THETA PINCH
ZETA PINCH
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
Q DEVICES

PLASMA POTENTIALS

GS POTENTIAL ENERGY
PLASMA POTENTIALS
RT DEBYE-HUCKEL THEORY
MAGNETOHYDRODYNAMIC STABILITY
NONEQUILIBRIUM PLASMAS
PLASMAS (PHYSICS)
∞ POTENTIAL

PLASMA POWER SOURCES

GS PLASMA POWER SOURCES
PLASMA ENGINES
TWO STAGE PLASMA ENGINES
RT ELECTRIC PROPULSION
∞ ENERGY SOURCES
PLASMAS (PHYSICS)
∞ POWER SUPPLIES
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PLASMA PROBES

GS MEASURING INSTRUMENTS
PLASMA PROBES
ELECTROSTATIC PROBES
RT ION SHEATHS
PLASMAGUIDES
PLASMAS (PHYSICS)
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PROBES

PLASMA PROPULSION

GS PROPULSION
ELECTRIC PROPULSION
PLASMA PROPULSION
LOW THRUST PROPULSION
PLASMA PROPULSION
SPACECRAFT PROPULSION
PLASMA PROPULSION
RT DUOPLASMATRONS
ELECTROMAGNETIC PROPULSION
ELECTROSTATIC PROPULSION
GASEOUS FISSION REACTORS
ION PROPULSION
MAGNETIC ANNULAR ARC
MAGNETOHYDRODYNAMICS
MAGNETOPLASMA DYNAMICS
NUCLEAR ELECTRIC PROPULSION
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PLASMATRONS

PLASMA PUMPING

RT GAS INJECTION
MOLECULAR PUMPS

PLASMA RADIATION

PLASMA PUMPING-(CONT)
 PLASMAS (PHYSICS)
 ∞ PUMPING

PLASMA RADIATION
 RT ELECTRON RADIATION
 FLUORESCENCE
 GLOW DISCHARGES
 ION CYCLOTRON RADIATION
 LUMINESCENCE
 NONEQUILIBRIUM PLASMAS
 OPTICAL RESONANCE
 PHOSPHORESCENCE
 PLASMAS (PHYSICS)
 POLARIZED RADIATION
 ∞ RADIATION
 RELATIVISTIC PLASMAS

PLASMA RENIN ACTIVITY
 USE IMMUNOASSAY

PLASMA RESONANCE
 GS RESONANCE
PLASMA RESONANCE
 RT CAVITONS
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 PLASMAS (PHYSICS)
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 RESONANCE PROBES

PLASMA RINGS
 USE TOROIDAL PLASMAS

PLASMA SHEATHS
 GS PARTICLES
 CHARGED PARTICLES
 PLASMA LAYERS
PLASMA SHEATHS
 SHEATHS
PLASMA SHEATHS
 RT BLACKOUT (PROPAGATION)
 BOUNDARY LAYER PLASMAS
 ION SHEATHS
 MAGNETOHYDRODYNAMIC SHEAR
 HEATING
 METALLIC PLASMAS
 MISSILES
 NONEQUILIBRIUM PLASMAS
 PLASMAS (PHYSICS)
 REENTRY COMMUNICATION
 REENTRY EFFECTS
 REENTRY PHYSICS
 SYSTEM GENERATED
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 (SPACECRAFT)

PLASMA SLABS
 GS PARTICLES
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PLASMA SLABS
 RT MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)

PLASMA SOUND WAVES
 USE MAGNETOHYDRODYNAMIC WAVES
 PLASMA WAVES

PLASMA SPECTRA
 GS SPECTRA
PLASMA SPECTRA
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PLASMA SPRAYING
 GS SPRAYING
PLASMA SPRAYING
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PLASMA TEMPERATURE
 GS TEMPERATURE
PLASMA TEMPERATURE

PLASMA TEMPERATURE-(CONT)
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PLASMA TORCHES
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 PLASMAS (PHYSICS)

PLASMA TURBULENCE
 GS TURBULENCE
 MAGNETOHYDRODYNAMIC
 TURBULENCE
PLASMA TURBULENCE
 RT MAGNETOHYDRODYNAMIC FLOW
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 PLASMAS (PHYSICS)

PLASMA WAVES
 UF PLASMA SOUND WAVES
 GS ELASTIC WAVES
 MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES
 ELECTROSTATIC WAVES
 RT COLLISIONAL PLASMAS
 DIFFUSION WAVES
 ELECTROACOUSTIC WAVES
 ELECTRON PLASMA
 ION ACOUSTIC WAVES
 ION CYCLOTRON RADIATION
 IONIC WAVES
 LANDAU DAMPING
 MAGNETOACOUSTIC WAVES
 MAGNETOELASTIC WAVES
 NONUNIFORM PLASMAS
 PLASMA DRIFT
 PLASMAS (PHYSICS)
 SHOCK WAVES
 SPACE PLASMAS
 WAVE PACKETS

PLASMA-ELECTROMAGNETIC INTERACTION
 GS ELECTROMAGNETIC INTERACTIONS
PLASMA-ELECTROMAGNETIC INTERACTION
 LASER PLASMA INTERACTIONS
 PLASMA INTERACTIONS
PLASMA-ELECTROMAGNETIC INTERACTION
 LASER PLASMA INTERACTIONS
 RT ∞ INTERACTIONS
 PLASMAS (PHYSICS)
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PLASMA-PARTICLE INTERACTIONS
 GS PARTICLE INTERACTIONS
PLASMA-PARTICLE INTERACTIONS
 PLASMA INTERACTIONS
PLASMA-PARTICLE INTERACTIONS
 RT BEAM INJECTION
 BEAM PLASMA AMPLIFIERS
 CHARGE EXCHANGE
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 ELECTRON PHONON INTERACTIONS
 ELECTRON PLASMA
 ∞ INTERACTIONS
 PARTICLE THEORY
 PLASMA CURRENTS
 PLASMAS (PHYSICS)
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 RELATIVISTIC PLASMAS
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 GS STIMULATED EMISSION DEVICES
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PLASMA DYNAMIC LASERS
 RT COHERENT LIGHT
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 PLASMAS (PHYSICS)

PLASMA GUIDES
 GS TRANSMISSION LINES
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PLASMA GUIDES
 RT BEAM WAVEGUIDES

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PLASMA GUIDES-(CONT)
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 TRANSMISSION
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 PLASMA CYLINDERS
 PLASMA ELECTRODES
 PLASMA PROBES
 PLASMAS (PHYSICS)
 WAVE PROPAGATION

PLASMA PAUSE
 SN (LIMITED TO EARTH'S ATMOSPHERE)
 RT COSMIC PLASMA
 IONOPAUSE
 MAGNETOSPHERE
 PLASMA CLOUDS
 PLASMA OSCILLATIONS
 PLASMA PHYSICS
 PLASMAS (PHYSICS)
 SOLAR WIND

PLASMAS (PHYSICS)
 UF ELECTROSTATIC PLASMA
 IONIZED PLASMAS
 MAGNETOIONIC PLASMA
 MAGNETOPLASMAS
 PLASMOIDS
 GS PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
PLASMAS (PHYSICS)
 ARGON PLASMA
 BETA PARTICLES
 BOUNDARY LAYER PLASMAS
 COLD PLASMAS
 COLLISIONAL PLASMAS
 STRONGLY COUPLED PLASMAS
 COLLISIONLESS PLASMAS
 COSMIC PLASMA
 CYLINDRICAL PLASMAS
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 STRONGLY COUPLED PLASMAS
 ELECTRON PLASMA
 ELLIPTICAL PLASMAS
 HELIUM PLASMA
 HIGH TEMPERATURE PLASMAS
 LASER PLASMAS
 METALLIC PLASMAS
 CESIUM PLASMA
 MICROPLASMAS
 NITROGEN PLASMA
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 RAREFIED PLASMAS
 RELATIVISTIC PLASMAS
 ROTATING PLASMAS
 SEMICONDUCTOR PLASMAS
 SOLAR WIND
 SPACE PLASMAS
 SPHERICAL PLASMAS
 STELLAR WINDS
 THERMAL PLASMAS
 TOROIDAL PLASMAS

RT ALPHA PLASMA DEVICES
 BEAM PLASMA AMPLIFIERS
 BLACKOUT (PROPAGATION)
 COMBUSTION PHYSICS
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 CYCLOPS PLASMA ACCELERATOR
 DEBYE LENGTH
 DEUTERON IRRADIATION
 DEUTERONS
 DUOPLASMATRONS
 ELECTRIC ARCS
 ELECTRON ENERGY
 GASES
 HIGH TEMPERATURE FLUIDS
 IONS
 KELVIN-HELMHOLTZ INSTABILITY
 LANDAU FACTOR
 LASER FUSION
 LASER PLASMA INTERACTIONS
 LIGHT IONS
 LIOUVILLE EQUATIONS
 LOW DENSITY RESEARCH
 MAGNETIC COMPRESSION
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC STABILITY
 MAGNETOHYDRODYNAMICS
 MAGNETOIONICS
 MICROWAVE PLASMA PROBES
 ONSAGER PHENOMENOLOGICAL
 COEFFICIENT
 ∞ PHYSICS

PLASMAS (PHYSICS)-(CONT)

PLASMA ACCELERATION
 PLASMA ACCELERATORS
 PLASMA ARC CUTTING
 PLASMA ARC WELDING
 PLASMA CHEMISTRY
 PLASMA CLOUDS
 PLASMA COMPOSITION
 PLASMA COMPRESSION
 PLASMA CONDUCTIVITY
 PLASMA CONTROL
 PLASMA COOLING
 PLASMA CORE REACTORS
 PLASMA CURRENTS
 PLASMA CYLINDERS
 PLASMA DECAY
 PLASMA DENSITY
 PLASMA DIAGNOSTICS
 PLASMA DIFFUSION
 PLASMA DIODES
 PLASMA DISPLAY DEVICES
 PLASMA DRIFT
 PLASMA DYNAMICS
 PLASMA ENGINES
 PLASMA EQUILIBRIUM
 PLASMA ETCHING
 PLASMA FLUX MEASUREMENT
 PLASMA FREQUENCIES
 PLASMA GENERATORS
 PLASMA GUNS
 PLASMA HEATING
 PLASMA INTERACTION EXPERIMENT
 PLASMA INTERACTIONS
 PLASMA JET SYNTHESIS
 PLASMA JET WIND TUNNELS
 PLASMA JETS
 PLASMA LAYERS
 PLASMA LIFETIME
 PLASMA LOSS
 PLASMA OSCILLATIONS
 PLASMA PHYSICS
 PLASMA PINCH
 PLASMA POTENTIALS
 PLASMA POWER SOURCES
 PLASMA PROBES
 PLASMA PROPULSION
 PLASMA PUMPING
 PLASMA RADIATION
 PLASMA RESONANCE
 PLASMA SHEATHS
 PLASMA SLABS
 PLASMA SPECTRA
 PLASMA SPRAYING
 PLASMA TEMPERATURE
 PLASMA TORCHES
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 PLASMA WAVES
 PLASMA-ELECTROMAGNETIC INTERACTION
 PLASMA-PARTICLE INTERACTIONS
 PLASMA DYNAMIC LASERS
 PLASMA GUIDES
 PLASMA PAUSE
 PLASMA SPHERE
 PLASMATRONS
 RADIATION BELTS
 RAREFIED GAS DYNAMICS
 SCYLLA
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 SOLAR WIND
 SPACE CHARGE
 SPHINX
 STELLAR MAGNETIC FIELDS
 TEARING MODES (PLASMAS)
 THERMAL DISSOCIATION
 THERMODYNAMICS
 THERMONUCLEAR REACTIONS
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USE AMPS (SATELLITE PAYLOAD)

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RT ATMOSPHERIC IONIZATION
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GS ION SOURCES
 PLASMATRONS
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PLASMATRONS-(CONT)

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 PLASMATRONS
 DUOPLASMATRONS
 RT PLASMA ELECTRODES
 PLASMA GUNS
 PLASMA JETS
 PLASMA PROPULSION
 PLASMAS (PHYSICS)

PLASMOIDS

USE PLASMAS (PHYSICS)

PLASMOLYSIS

RT CELLS (BIOLOGY)
 CYTOLOGY
 DEHYDRATION

PLASMONS

SN (EXCLUDES ORGANIC CYTOPLASMIC CONDITIONS)
 GS ELECTROMAGNETIC RADIATION
 PLASMONS
 ELEMENTARY EXCITATIONS
 PLASMONS
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 PLASMONS
 RT ELECTRON GAS
 EXCITONS
 MAGNETOHYDRODYNAMIC STABILITY
 MAGNONS
 PHONONS
 PLASMA FREQUENCIES
 PLASMA OSCILLATIONS
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GS PLASTERS
 GYPSUM
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 RT CASTS
 GROUT
 MOLDING MATERIALS
 MORTARS (MATERIAL)
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PLASTIC AIRCRAFT STRUCTURES

GS AIRCRAFT STRUCTURES
 PLASTIC AIRCRAFT STRUCTURES
 RT AIRCRAFT CONSTRUCTION MATERIALS
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 GLASS FIBER REINFORCED PLASTICS
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PLASTIC ANISOTROPY

GS ANISOTROPY
 PLASTIC ANISOTROPY
 ELASTIC ANISOTROPY
 RT VISCOPLASTICITY

PLASTIC COATINGS

GS COATINGS
 PLASTIC COATINGS
 RT ANTIRADAR COATINGS
 ENCAPSULATING
 POLYMERIC FILMS
 PROTECTIVE COATINGS
 SPRAYED COATINGS

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UF LUDER BANDS
 PLASTIC YIELDING
 STRAIN SOFTENING
 GS DEFORMATION
 PLASTIC DEFORMATION
 RT BANDS
 BENDING
 BORDONI PEAKS
 CREEP PROPERTIES
 CREEP TESTS
 ELASTIC DEFORMATION
 ELONGATION
 J INTEGRAL
 PLANE STRAIN
 SAINT VENANT PRINCIPLE
 SHEAR CREEP
 SLIP
 STRESS PROPAGATION
 STRESS RELAXATION
 STRESS-STRAIN RELATIONSHIPS
 STRETCHING
 STRUCTURAL STRAIN
 SUPERPLASTICITY
 TEMPERATURE INVERSIONS

PLASTIC DEFORMATION-(CONT)

TENSILE CREEP
 TENSILE DEFORMATION
 THERMOMECHANICAL TREATMENT
 WARPAGE
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 YIELD STRENGTH

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USE POLYMERIC FILMS

PLASTIC FLOW

GS FLUID FLOW
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 RT CREEP PROPERTIES
 FLOW
 INTERNAL FRICTION
 RHEOLOGY
 SHEAR FLOW
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 STRESS RELAXATION
 SUPERPLASTICITY
 VISCOELASTICITY
 VISCOPLASTICITY

PLASTIC MATERIALS

USE PLASTICS

PLASTIC MEMORY

RT SHAPE MEMORY ALLOYS
 STRESS RELAXATION

PLASTIC PROPELLANTS

GS PROPELLANTS
 SOLID PROPELLANTS
 PLASTIC PROPELLANTS
 RT CHEMICAL FUELS
 COMPOSITE PROPELLANTS
 EXPLOSIVES
 GELLED PROPELLANTS
 HTPB PROPELLANTS
 MONOPROPELLANTS
 PLASTICIZERS
 POLYBUTADIENE TETRANITRAMINE
 PYROTECHNICS

PLASTIC PROPERTIES

UF PLASTICITY
 GS MECHANICAL PROPERTIES
 PLASTIC PROPERTIES
 ELASTOPLASTICITY
 PHOTOPLASTICITY
 SUPERPLASTICITY
 THERMOPLASTICITY
 VISCOPLASTICITY
 YIELD POINT
 RT COHESION
 COLD FLOW TESTS
 DUCTILITY
 ELASTIC PROPERTIES
 FATIGUE (MATERIALS)
 FLEXIBILITY
 HARDNESS
 INFLUENCE COEFFICIENT
 METHOD OF CHARACTERISTICS
 PROPERTIES
 RHEOLOGY
 SEMISOLIDS
 STRESS RELAXATION
 STRESS TENSORS
 STRUCTURAL STABILITY

PLASTIC TAPES

RT ADHESIVES
 MAGNETIC TAPES
 TAPES

PLASTIC YIELDING

USE PLASTIC DEFORMATION

PLASTICITY

USE PLASTIC PROPERTIES

PLASTICIZERS

UF CASTING SOLVENTS
 ELASTICIZERS
 GS ADDITIVES
 PLASTICIZERS
 RT CASE BONDED PROPELLANTS
 COATINGS
 DOMINO PROPELLANTS
 ESTERS
 PLASTIC PROPELLANTS

PLASTICS

PLASTICIZERS-(CONT)

PROPELLANT ADDITIVES
SKYDROL (TRADEMARK)
SOLID PROPELLANTS
SOLID ROCKET BINDERS
SURFACTANTS
TRIACETIN

PLASTICS

UF PLASTIC MATERIALS
GS **PLASTICS**
CARBON FIBER REINFORCED
PLASTICS
DELIRIN (TRADEMARK)
PERSPEX (TRADEMARK)
POLYBUTADIENE
POLYETHYLENES
POLYETHYLENE TEREPHTHALATE
POLYISOBUTYLENE
POLYPROPYLENE
POLYSTYRENE
POLYTETRAFLUOROETHYLENE
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE
POLYVINYL FLUORIDE
REINFORCED PLASTICS
MICARTA
SYNTHETIC RESINS
ADDITION RESINS
ACRYLIC RESINS
VINYL COPOLYMERS
POLYESTER RESINS
POLYETHER RESINS
POLYMETHYL METHACRYLATE
THERMOPLASTIC RESINS
QUINOXALINES
THERMOPLASTIC FILMS
THERMOSETTING RESINS
EPOXY RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
PHENOLIC RESINS
MICARTA
TEFLON (TRADEMARK)
VITON
RT ACRYLONITRILES
BORON REINFORCED MATERIALS
∞ CONSTRUCTION MATERIALS
ELASTOMERS
FLUOROPOLYMERS
FURANS
INJECTION MOLDING
ION EXCHANGE RESINS
KAPTON (TRADEMARK)
∞ MATERIALS SCIENCE
MOLDING MATERIALS
ORGANIC MATERIALS
PLASTIC AIRCRAFT STRUCTURES
∞ POLYMERS
STYROFOAM (TRADEMARK)
TETRAHYDROFURAN
THIOPLASTICS

PLASTISOLS

GS MIXTURES
DISPERSIONS
PLASTISOLS
SMOKE
RT COLLOIDS
COMPOSITE PROPELLANTS
DOUBLE BASE PROPELLANTS
RESINS

PLAT SYSTEM

UF PILOT LANDING AID TELEVISION
SYSTEM
GS COMMUNICATION EQUIPMENT
PLAT SYSTEM
TELECOMMUNICATION
PLAT SYSTEM
TELEVISION SYSTEMS
PLAT SYSTEM
RT LANDING AIDS
∞ SYSTEMS

PLATE (METAL)

USE METAL PLATES

PLATE THEORY

RT FLAT PLATES
STRUCTURAL ANALYSIS
∞ THEORIES

PLATEAUS

GS LANDFORMS
TERRACES (LANDFORMS)
PLATEAUS
ALLEGHENY PLATEAU (US)
COLORADO PLATEAU (US)
MESAS
BUTTES
PIEDMONT
CENTRAL PIEDMONT (US)
RT APEXES
EROSION
HIGHLANDS
∞ PEAKS
PLAINS
STRATIGRAPHY

PLATELETS

RT BLOOD COAGULATION
BLOOD GROUPS
HISTOLOGY
THROMBOPLASTIN

PLATENS

RT ∞ PLATES
PRESSES
∞ PRESSING
PUNCHES
RAMS (PRESSES)
ROLLERS
TOOLS

∞ PLATES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CORRUGATING
DISKS (SHAPES)
FLAT PLATES
METAL COATINGS
METAL PLATES
MICROCHANNEL PLATES
PANELS
PARALLEL PLATES
PHOTOGRAPHIC PLATES
PLATENS
PLATES (STRUCTURAL MEMBERS)
PLATING
RECTANGULAR PLATES
SCATTER PLATES (OPTICS)
THICK PLATES
THIN PLATES
TRAYS

PLATES (STRUCTURAL MEMBERS)

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ANISOTROPIC PLATES
ANNULAR PLATES
CANTILEVER PLATES
CIRCULAR PLATES
CORRUGATED PLATES
ELASTIC PLATES
END PLATES
GIRDER WEBS
METAL PLATES
BOILER PLATE
ORTHOTROPIC PLATES
PERFORATED PLATES
POROUS PLATES
REINFORCED PLATES
RT FLAT PLATES
GIRDERS
METAL SHEETS
ORTHOTROPISM
∞ PLATES
REISSNER THEORY
SLABS
THICK PLATES
THIN PLATES

PLATES (TECTONICS)

RT EARTH CRUST
EARTH MANTLE
EARTH PLANETARY STRUCTURE
EARTHQUAKES
GEOLOGICAL FAULTS
GEOPHYSICS
LITHOSPHERE
STRUCTURAL PROPERTIES (GEOLOGY)
SUBDUCTION (GEOLOGY)
TECTONICS

NASA THESAURUS (VOLUME 1)

∞ PLATFORMS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FLIGHT MECHANICS
FLOORS
FLYING PLATFORMS
GUIDANCE (MOTION)
INERTIAL PLATFORMS
LANDFORMS
LAUNCHING PADS
OFFSHORE PLATFORMS
SLABS
SOLETTAS
SPACE STATIONS
STABILIZED PLATFORMS
SUPPORTS
SYNCHRONOUS PLATFORMS

PLATING

GS **PLATING**
ELECTROPLATING
FLAME PLATING
ION PLATING
NICKEL PLATE
RT ANODIC STRIPPING
CATHODIC COATINGS
CLADDING
DEPOSITION
DEPOSITS
ELECTRODEPOSITION
ELECTROLESS DEPOSITION
FINISHES
LAMINATES
METAL COATINGS
METAL FINISHING
METALLIZING
∞ PLATES
PROTECTIVE COATINGS
SUBSTRATES
THIN FILMS

PLATINUM

GS CHEMICAL ELEMENTS
PLATINUM
PLATINUM BLACK
PLATINUM ISOTOPES
METALS
TRANSITION METALS
PLATINUM
PLATINUM BLACK
PLATINUM ISOTOPES

PLATINUM ALLOYS

GS ALLOYS
PLATINUM ALLOYS
RT RHODIUM ALLOYS

PLATINUM BLACK

GS CHEMICAL ELEMENTS
PLATINUM
PLATINUM BLACK
METALS
METAL POWDER
PLATINUM BLACK
TRANSITION METALS
PLATINUM
PLATINUM BLACK
PARTICLES
METAL PARTICLES
PLATINUM BLACK
POWDER (PARTICLES)
PLATINUM BLACK
RT CATALYSTS

PLATINUM COMPOUNDS

GS **PLATINUM COMPOUNDS**
PLATINUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

PLATINUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PLATINUM ISOTOPES
PLATINUM
PLATINUM ISOTOPES
METALS
TRANSITION METALS
PLATINUM
PLATINUM ISOTOPES

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PLATINUM OXIDES
 GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
 PLATINUM OXIDES
 PLATINUM COMPOUNDS
 PLATINUM OXIDES

PLAYAS
 GS LAND
 PLAINS
 PLAYAS
 LANDFORMS
 PLAYAS
 RT DESERTS
 LAKES

PLAYBACKS
 RT MAGNETIC TAPES
 ∞ RECORDERS
 RECORDING
 RECORDS
 ∞ TAPES
 VIDEO DISKS

PLENUM CHAMBERS
 RT AIR INTAKES
 ∞ CHAMBERS
 DUCTS
 EXHAUST SYSTEMS
 FUEL SYSTEMS
 INTAKE SYSTEMS
 MANIFOLDS
 ∞ WATER INTAKES

PLETHYSMOGRAPHY
 GS BIOENGINEERING
 BIOMETRICS
 PLETHYSMOGRAPHY
 ELECTROPLETHYSMOGRAPHY

PLEURAE
 GS MEMBRANES
 PLEURAE
 RT LUNGS

PLEUROTIN
 GS DRUGS
 ANTIBIOTICS
 PLEUROTIN
 RT STAPHYLOCOCCUS

PLEXIGLASS (TRADEMARK)
 USE POLYMETHYL METHACRYLATE

PLIES
 USE LAYERS

∞ **PLOTS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHARTS
 DISPLAY DEVICES
 PLOTTERS
 PLOTTING
 SITES

PLOTTERS
 UF PLOTTING INSTRUMENTS
 GS RECORDING INSTRUMENTS
 PLOTTERS
 X-Y PLOTTERS
 RT COMPUTER GRAPHICS
 DIGITAL TO ANALOG CONVERTERS
 DISPLAY DEVICES
 NAVIGATION AIDS
 ∞ PLOTS
 PLOTTING
 POSITION INDICATORS
 PRINTERS
 REMOTE CONSOLES

PLOTTING
 RT ANALOG TO DIGITAL CONVERTERS
 DISPLAY DEVICES
 NAVIGATION
 ∞ PLOTS
 PLOTTERS
 PRINTING
 RECORDING

PLOTTING INSTRUMENTS
 USE PLOTTERS

PLOWED FIELDS
 USE FARMLANDS

PLOWING
 GS CULTIVATION
 PLOWING
 RT AGRICULTURE
 FARM CROPS
 FARMLANDS
 GRASSLANDS
 PLANTING
 PLANTS (BOTANY)
 PLOWS
 SOD
 TRACTORS

PLOWS
 RT AGRICULTURE
 MIXERS
 PLANTING
 PLOWING

PLSS
 USE PORTABLE LIFE SUPPORT SYSTEMS

PLUG NOZZLES
 GS EXHAUST NOZZLES
 PLUG NOZZLES
 RT ANNULAR NOZZLES
 CONICAL NOZZLES
 NOZZLE GEOMETRY
 ∞ NOZZLES
 ROCKET NOZZLES
 SPIKE NOZZLES

PLUGGING
 UF CLOGGING
 RT AGGLOMERATION
 BLOCKING
 CAULKING
 CLOSING
 CLOSURES
 CONSTRUCTIONS
 FOULING
 PLUGS
 SEALING
 SEALS (STOPPERS)

PLUGS
 SN (EXCLUDES SPARKPLUGS OR
 ELECTRICAL CONNECTORS)
 GS SEALS (STOPPERS)
 PLUGS
 RT BLOCKING
 CLOSURES
 LABYRINTH SEALS
 OUTLETS
 PLUGGING
 STOPPING

PLUM BROOK REACTOR
 GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 WATER COOLED REACTORS
 PLUM BROOK REACTOR
 NUCLEAR RESEARCH AND TEST
 REACTORS
 PLUM BROOK REACTOR

PLUMAGE
 RT BIRDS

PLUMBANE
 USE LEAD COMPOUNDS
 METAL HYDRIDES

PLUMES
 GS **PLUMES**
 ROCKET EXHAUST
 RT CHIMNEYS
 CONDENSATES
 POLLUTION TRANSPORT
 SHOCK WAVES

PLUNGERS
 RT MIXERS
 PISTONS
 RAMS (PRESSES)
 RAMS (PUMPS)

PLUTO (PLANET)
 GS CELESTIAL BODIES
 PLANETS
 PLUTO (PLANET)

PLUTONIUM ISOTOPES

PLUTO (PLANET)-(CONT)
 RT CHARON

PLUTO REACTORS
 GS NUCLEAR REACTORS
 PLUTO REACTORS
 RT NUCLEAR RAMJET ENGINES
 NUCLEAR ROCKET ENGINES
 SUPERSONIC LOW ALTITUDE MISSILE

PLUTONIUM
 GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
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 RT FISSIONABLE MATERIALS
 NUCLEAR FUELS

PLUTONIUM ALLOYS
 GS ALLOYS
 PLUTONIUM ALLOYS
 RT NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

PLUTONIUM CARBIDES
 USE PLUTONIUM COMPOUNDS

PLUTONIUM COMPOUNDS
 UF PLUTONIUM CARBIDES
 GS ACTINIDE SERIES COMPOUNDS
 PLUTONIUM COMPOUNDS
 PLUTONIUM FLUORIDES
 PLUTONIUM OXIDES
 RT CERAMIC NUCLEAR FUELS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
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PLUTONIUM FLUORIDES
 GS ACTINIDE SERIES COMPOUNDS
 PLUTONIUM COMPOUNDS
 PLUTONIUM FLUORIDES
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PLUTONIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
PLUTONIUM COMPOUNDS
PLUTONIUM OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
PLUTONIUM OXIDES
RT CERAMIC NUCLEAR FUELS
MIXED OXIDES

PLUTONIUM RECYCLE TEST REACTOR

UF PRTR (REACTOR)
GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
PLUTONIUM RECYCLE TEST REACTOR
NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
HEAVY WATER REACTORS
PLUTONIUM RECYCLE TEST REACTOR
NUCLEAR POWER REACTORS
PLUTONIUM RECYCLE TEST REACTOR
NUCLEAR RESEARCH AND TEST REACTORS
PLUTONIUM RECYCLE TEST REACTOR
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PLUTONIUM RECYCLE TEST REACTOR

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PLUVIOGRAPHS

USE RAIN GAGES
RECORDING INSTRUMENTS

NASA THESAURUS (VOLUME 1)

PLY ORIENTATION

RT ALIGNMENT
COMPOSITE MATERIALS
INTERLAYERS
LAMINATES
∞ LAYERS
MULTILAYER INSULATION
∞ ORIENTATION
PLYWOOD
POSITIONING
SANDWICH STRUCTURES
SUBSTRATES

PLYWOOD

GS COMPOSITE MATERIALS
LAMINATES
PLYWOOD
COMPOSITE STRUCTURES
LAMINATES
PLYWOOD
WOOD
PLYWOOD
RT PLY ORIENTATION
TREES (PLANTS)
WOODEN STRUCTURES

PNEUMATIC CIRCUITS

GS CIRCUITS
PNEUMATIC CIRCUITS
PNEUMATIC EQUIPMENT
PNEUMATIC CIRCUITS
RT FLUIDICS
VALVES

PNEUMATIC CONTROL

UF PNEUMATIC RESET
RT AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
COMPRESSED GAS
∞ CONTROL
CONTROL EQUIPMENT
CONTROL VALVES
CONTROLLERS
ELECTRONIC CONTROL
ENGINE CONTROL
FLUID POWER
FLUIDICS
HYDRAULIC CONTROL
REMOTE CONTROL

PNEUMATIC EQUIPMENT

GS **PNEUMATIC EQUIPMENT**
GAS VALVES
PNEUMATIC CIRCUITS
RT AIR BAG RESTRAINT DEVICES
COMPRESSED AIR
CUSHIONS
∞ EQUIPMENT
FLUID AMPLIFIERS
FLUID POWER
FLUID SWITCHING ELEMENTS
FLUIDICS
GAS GENERATORS
GOLAY DETECTOR CELLS
INFLATABLE STRUCTURES
∞ NETWORKS
SERVOCONTROL
SERVOMECHANISMS
SHOCK ABSORBERS
∞ SYSTEMS
VALVES

PNEUMATIC PROBES

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
TEMPERATURE PROBES
PNEUMATIC PROBES
RT FLOW MEASUREMENT
HIGH TEMPERATURE GASES
MASS FLOW RATE
NOZZLE FLOW
PRESSURE MEASUREMENT

PNEUMATIC RESET

USE PNEUMATIC CONTROL

PNEUMATICS

GS FLUID MECHANICS
PNEUMATICS
RT FLOW THEORY
FLUID POWER
FLUIDICS
GASES
∞ HYDRAULICS

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POLAIRE SATELLITE

PNEUMOGRAPHS
 USE PNEUMOGRAPHY

PNEUMOGRAPHY
 UF PNEUMOGRAPHS
 RT BIOTELEMETRY
 LUNGS
 ∞ MEASUREMENT
 RADIOGRAPHY

PNEUMONIA
 GS DISEASES
 RESPIRATORY DISEASES
PNEUMONIA
 RT CONGESTION

PNEUMOTHORAX
 RT DISEASES
 LUNGS
 MEDICAL SCIENCE
 ORGANS

PNICTIDES
 USE GROUP 5A COMPOUNDS

POCKELS EFFECT
 USE BIREFRINGENCE

POCKET MICE
 GS ANIMALS
 VERTEBRATES
 MAMMALS
 RODENTS
 MICE
POCKET MICE
 RT RATS

PODS (EXTERNAL STORES)
 GS EXTERNAL STORES
PODS (EXTERNAL STORES)
 RT COWLINGS
 EXTERNAL STORE SEPARATION
 FUEL TANKS
 NACELLES
 WING-FUSELAGE STORES

POGO
 UF POLAR ORBIT GEOPHYSICAL
 OBSERVATORY
 GS OBSERVATORIES
 GEOPHYSICAL OBSERVATORIES
 OGO
POGO
 OGO-C
 OGO-4
 OGO-6
 SATELLITES
 ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 OGO
POGO
 OGO-C
 OGO-4
 OGO-6
 RT AGENA B ROCKET VEHICLE
 EGO

POGO EFFECTS
 GS VIBRATION
POGO EFFECTS
 VIBRATION EFFECTS
POGO EFFECTS
 RT ∞ EFFECTS
 LONGITUDINAL STABILITY

POHLHAUSEN METHOD
 UF POHLHAUSEN SOLUTION
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
POHLHAUSEN METHOD
 RT LAMINAR BOUNDARY LAYER
 ∞ METHODOLOGY
 VELOCITY DISTRIBUTION
 VISCOUS FLOW

POHLHAUSEN SOLUTION
 USE POHLHAUSEN METHOD

POIKILOThERMIA
 GS ANIMALS
POIKILOThERMIA
 AMPHIBIA
 FROGS

POIKILOThERMIA-(CONT)
 REPTILES
 LIZARDS
 SNAKES
 TURTLES
 RT BODY TEMPERATURE

POINCARÉ PROBLEM
 RT ∞ PROBLEMS

POINCARÉ SPHERES
 GS SYMMETRICAL BODIES
 BODIES OF REVOLUTION
 SPHERES
POINCARÉ SPHERES
 RT GEOMETRY

POINT DEFECTS
 GS DEFECTS
 CRYSTAL DEFECTS
POINT DEFECTS
 VACANCIES (CRYSTAL DEFECTS)
 FRENKEL DEFECTS
 RT CRYSTAL DISLOCATIONS
 IMPURITIES
 SURFACE DEFECTS

POINT IMPACT
 GS IMPACT
POINT IMPACT
 RT ELECTRON IMPACT
 HYPERVELOCITY IMPACT
 ION IMPACT
 PROTON IMPACT

POINT MATCHING METHOD (MATHEMATICS)
 USE BOUNDARY VALUE PROBLEMS

POINT SOURCES
 GS RADIATION SOURCES
POINT SOURCES
 RT DIFFUSE RADIATION
 ∞ ENERGY SOURCES
 HUYGENS PRINCIPLE
 LIGHT SOURCES
 SPHERICAL WAVES

POINT SPREAD FUNCTIONS
 GS FUNCTIONS (MATHEMATICS)
POINT SPREAD FUNCTIONS
 RT IMAGE PROCESSING

POINT TO POINT COMMUNICATION
 GS COMMUNICATING
POINT TO POINT COMMUNICATION
 NASCOM NETWORK
 RT RADIO COMMUNICATION
 TELECOMMUNICATION
 WESTAR SATELLITES
 WIDEBAND COMMUNICATION

POINTERS
 USE DIALS

POINTING CONTROL SYSTEMS
 GS FLIGHT CONTROL
POINTING CONTROL SYSTEMS
 ANNULAR SUSPENSION AND
 POINTING SYSTEM
 RT ∞ CONTROL
 ENTRY GUIDANCE (STS)
 GUIDANCE (MOTION)
 SPACE FLIGHT
 SPACECRAFT CONTROL
 ∞ SYSTEMS

POINTS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NONPOINT SOURCES
 POINTS (MATHEMATICS)
 POSITION (LOCATION)

POINTS (MATHEMATICS)
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
POINTS (MATHEMATICS)
 FIXED POINTS (MATHEMATICS)
 INFLECTION POINTS
 RT FOCI
 LOCI
 NAKED SINGULARITIES
 ∞ POINTS

POINTS (MATHEMATICS)-(CONT)
 RECIPROCAL THEOREMS
 SINGULARITY (MATHEMATICS)

POISEUILLE FLOW
 USE LAMINAR FLOW

POISONING
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BENZENE POISONING
 BERYLLIUM POISONING
 CARBON MONOXIDE POISONING
 CARBON TETRACHLORIDE POISONING
 CURARE
 HYDROCARBON POISONING
 INTOXICATION
 LEAD POISONING
 NARCOSIS
 POISONING (REACTION INHIBITION)
 TOXIC DISEASES
 TOXIC HAZARDS

POISONING (REACTION INHIBITION)
 RT CONTROL RODS
 NEUTRON ABSORBERS
 NUCLEAR REACTIONS
 ∞ POISONING
 RADIOACTIVE WASTES

POISONING (TOXICOLOGY)
 USE TOXIC DISEASES

POISONS
 GS **POISONS**
 CARBAMATES (TRADENAME)
 URETHANES
 CURARE
 ENDOTOXINS
 PESTICIDES
 INSECTICIDES
 DIELDRIN
 PHOSGENE
 STRYCHNINE
 RT ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 NONPOINT SOURCES
 POLLUTION
 TOXICITY

POISSON DENSITY FUNCTIONS
 UF POISSON PROCESS
 GS FUNCTIONS (MATHEMATICS)
POISSON DENSITY FUNCTIONS
 STATISTICAL ANALYSIS
POISSON DENSITY FUNCTIONS
 RT CONTINUITY (MATHEMATICS)
 DISCRETE FUNCTIONS
 EXPONENTIAL FUNCTIONS

POISSON EQUATION
 GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 DIFFERENTIAL EQUATIONS
POISSON EQUATION
 RT CLASSICAL MECHANICS
 ELECTROSTATICS
 ∞ EQUATIONS
 ISENTROPE
 LAPLACE EQUATION
 PARTIAL DIFFERENTIAL EQUATIONS

POISSON PROCESS
 USE POISSON DENSITY FUNCTIONS
 STOCHASTIC PROCESSES

POISSON RATIO
 GS MECHANICAL PROPERTIES
POISSON RATIO
 RATIOS
POISSON RATIO
 RT AIRY FUNCTION
 COMPRESSIVE STRENGTH
 ELASTIC PROPERTIES
 FIBER STRENGTH
 MODULUS OF ELASTICITY
 NU FACTOR
 STRESS-STRAIN DIAGRAMS
 TENSILE STRENGTH

POLAIRE SATELLITE
 USE D-2 SATELLITES

POLAND

POLAND
GS NATIONS
RT CENTRAL EUROPE
EUROPE

POLAR AURORAS
USE AURORAS

POLAR CAP ABSORPTION
GS ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
POLAR CAP ABSORPTION
THERMAL ABSORPTION
POLAR CAP ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
POLAR CAP ABSORPTION
RT ∞ ABSORPTION

POLAR CAPS
RT ANTARCTIC REGIONS
ARCTIC REGIONS
∞ CAPS
EARTH (PLANET)
ICE
MARS (PLANET)

POLAR COORDINATES
GS COORDINATES
POLAR COORDINATES
RT ASTRONOMICAL COORDINATES
PLANISPHERES
SMITH CHART
SPHERICAL COORDINATES

POLAR CUSPS
RT AERONOMY
∞ CUSPS
GEOMAGNETIC LATITUDE
GEOMAGNETIC TAIL
GEOMAGNETISM
GEOPHYSICS
INTERPLANETARY SPACE
LINES OF FORCE
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELDS
MAGNETOPAUSE
MAGNETOSPHERE
PLANETARY MAGNETIC FIELDS
POLAR REGIONS
SPACE PLASMAS

POLAR GASES
GS GASES
MOLECULAR GASES
POLAR GASES
RT CARBON DIOXIDE LASERS
GAS COMPOSITION
GAS DISCHARGES
GAS DYNAMICS
GAS LASERS
GAS MASERS
POLARIZATION (CHARGE SEPARATION)

POLAR IONOSPHERE BEACON
USE BEACON SATELLITES

POLAR METEOROLOGY
GS METEOROLOGY
POLAR METEOROLOGY
RT AEROLOGY
CLIMATOLOGY
HYDROLOGY
ICE REPORTING

POLAR NAVIGATION
GS NAVIGATION
POLAR NAVIGATION
RT AIR NAVIGATION
CELESTIAL NAVIGATION
DEAD RECKONING
DIGITAL NAVIGATION
INERTIAL NAVIGATION
-LORAN

POLAR ORBIT GEOPHYSICAL OBSERVATORY
USE POGO

POLAR ORBITS
GS ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
POLAR ORBITS

POLAR ORBITS-(CONT)
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
LUNAR SATELLITES
PLANETARY ORBITS
TIROS SATELLITES
TWENTY-FOUR HOUR ORBITS

POLAR RADIO BLACKOUT
GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
POLAR RADIO BLACKOUT
RT AURORAL ZONES
IONOSPHERIC PROPAGATION

POLAR REGIONS
UF HIGH LATITUDES
GS REGIONS
POLAR REGIONS
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
ARCTIC REGIONS
RT AURORAL ZONES
CLIMATOLOGY
GEOGRAPHY
PERMAFROST
POLAR CUSPS
TEMPERATE REGIONS
TIMBERLINE

POLAR SUBSTORMS
GS STORMS
STORMS (METEOROLOGY)
POLAR SUBSTORMS

POLAR WANDERING (GEOLOGY)
UF CHANDLER MOTION
RT EARTH AXIS
∞ EARTH MOTION
GEODESY
NUTATION
PERIODIC VARIATIONS
PRECESSION

POLARIMETERS
UF SPECTROPOLARIMETERS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
RT CHEMICAL ANALYSIS
ELLIPSOMETERS
OPTICAL MEASUREMENT
PHOTOMETERS
POLARIMETRY
POLARISCOPES
POLARIZERS
POLAROGRAPHY
SOLAR MAXIMUM MISSION

POLARIMETRY
GS OPTICAL MEASUREMENT
POLARIMETRY
RT OPTICAL ACTIVITY
OPTICAL MEASURING INSTRUMENTS
PHOTOMETRY
POLARIMETERS
POLARIZATION (WAVES)

POLARIS A1 MISSILE
GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A1 MISSILE
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE

POLARIS A2 MISSILE
GS MISSILES
BALLISTIC MISSILES

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POLARIS A2 MISSILE-(CONT)
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A2 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A2 MISSILE
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A2 MISSILE

POLARIS A3 MISSILE
GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A3 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A3 MISSILE
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A3 MISSILE

POLARIS MISSILES
GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
SURFACE TO SURFACE MISSILES
INTERMEDIATE RANGE BALLISTIC
MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE

POLARIS SUBMARINES
USE GUIDED MISSILE SUBMARINES

POLARISCOPES
GS MEASURING INSTRUMENTS
POLARISCOPES
SENARMONT POLARISCOPES
OPTICAL EQUIPMENT
POLARISCOPES
SENARMONT POLARISCOPES
RT OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
POLARIZATION (WAVES)
POLARIZERS

POLARITONS
GS **POLARITONS**
PLASMONS

POLARITY
RT ∞ DIPOLES
ELECTRIC CHARGE
ELECTRIC FIELDS
MAGNETIC FIELDS
MAGNETIC POLES
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
QUADRUPOLES

∞ **POLARIZATION**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANTIFERROELECTRICITY
BIPOLARITY
LINEAR POLARIZATION
MAGNETIZATION
OVERHAUSER EFFECT
PHOTOELASTIC ANALYSIS
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POLARIZED RADIATION

POLARIZATION (CHARGE SEPARATION)
UF CHARGE SEPARATION
GS **POLARIZATION (CHARGE SEPARATION)**

POLARIZATION (CHARGE SEPARATION) -(CONT)

DIIELECTRIC POLARIZATION
ELECTROLYTIC POLARIZATION
RT CHARGE DISTRIBUTION
CHARGE TRANSFER
DEACTIVATION
DEPOLARIZATION
ELECTRETS
ELECTRIC CHARGE
ELECTRIC MOMENTS
ELECTRODE FILM BARRIERS
ELECTROMIGRATION
HALL EFFECT
IONOSPHERIC DRIFT
MAGNETIZATION
OVERVOLTAGE
POLAR GASES
POLARITY
∞ POLARIZATION
PYROELECTRICITY
∞ SEPARATION
TAFEL LAW

POLARIZATION (SPIN ALIGNMENT)

RT ALIGNMENT
ANISOTROPY
DEACTIVATION
MAGNETIC PROPERTIES
MAGNETIZATION
∞ ORIENTATION
POLARITY
∞ POLARIZATION
ROTATION
SPIN TESTS

POLARIZATION (WAVES)

UF POLARIZATION CHARTS
GS **POLARIZATION (WAVES)**
CIRCULAR POLARIZATION
CROSS POLARIZATION
ELLIPTICAL POLARIZATION
LINEAR POLARIZATION
RT ANISOTROPIC MEDIA
ANISOTROPY
BIREFRINGENCE
BL LACERTAE OBJECTS
COLLIMATION
FARADAY EFFECT
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETO-OPTICS
MONOCHROMATIZATION
OPTICAL COUPLING
OPTICAL PROPERTIES
∞ ORIENTATION
PHOTOELASTIC ANALYSIS
POLARIMETRY
POLARISCOPES
∞ POLARIZATION
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZERS
POLARONS
REFRACTIVITY
ROTATION

POLARIZATION CHARACTERISTICS

GS MAGNETIC PROPERTIES
POLARIZATION CHARACTERISTICS
RT BREWSTER ANGLE
∞ CHARACTERISTICS
POLARIZED RADIATION

POLARIZATION CHARTS

USE GRAPHS (CHARTS)
POLARIZATION (WAVES)

POLARIZED ELASTIC WAVES

GS ELASTIC WAVES
POLARIZED ELASTIC WAVES
POLARIZED RADIATION
POLARIZED ELASTIC WAVES
RT S WAVES
SEISMIC WAVES
SOUND WAVES

POLARIZED ELECTROMAGNETIC RADIATION

GS ELECTROMAGNETIC RADIATION
**POLARIZED ELECTROMAGNETIC
RADIATION**
POLARIZED LIGHT
SYNCHROTRON RADIATION
POLARIZED RADIATION
**POLARIZED ELECTROMAGNETIC
RADIATION**

POLARIZED ELECTROMAGNETIC -(CONT)

POLARIZED LIGHT
SYNCHROTRON RADIATION
RT CROSS POLARIZATION
EXTRATERRESTRIAL RADIATION
FARADAY EFFECT
INFRARED RADIATION
KERR CELLS
LIGHT (VISIBLE RADIATION)
LINEAR POLARIZATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MAGNETO-OPTICS
MONOCHROMATIC RADIATION
POLARIZATION (WAVES)
POLARIZERS
∞ RADIATION
RADIATIVE TRANSFER
RADIO WAVES
STELLAR RADIATION
ULTRAVIOLET RADIATION

POLARIZED LIGHT

GS ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
POLARIZED LIGHT
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
POLARIZED RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
RT GEGENSCHNEIDEN
KERR MAGNETOOPTICAL EFFECT
MONOCHROMATIC RADIATION
OPTICAL ACTIVITY
OPTICAL DEPOLARIZATION
OPTICAL POLARIZATION
PHOTOELASTICITY
ZODIACAL LIGHT

POLARIZED RADIATION

GS **POLARIZED RADIATION**
POLARIZED ELASTIC WAVES
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
SYNCHROTRON RADIATION
RT CAUSTICS (OPTICS)
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
LINEAR POLARIZATION
PLASMA RADIATION
∞ POLARIZATION
POLARIZATION CHARACTERISTICS
∞ RADIATION
∞ RAYS

POLARIZERS

RT KERR CELLS
LIGHT (VISIBLE RADIATION)
OPTICAL POLARIZATION
POLARIMETERS
POLARISCOPES
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC
RADIATION

POLAROGRAPHY

USE POLAROGRAPHY

POLAROGRAPHY

UF POLAROGRAPHY
GS ELECTRICAL MEASUREMENT
POLAROGRAPHY
RT CHEMICAL ANALYSIS
OPTICAL POLARIZATION
POLARIMETERS
QUANTITATIVE ANALYSIS

POLARONS

GS ELEMENTARY EXCITATIONS
POLARONS
RT CONDUCTION BANDS
CROSS POLARIZATION
ELECTRON PHONON INTERACTIONS
IONIC CRYSTALS
PHONONS
PLASMONS
POLARIZATION (WAVES)

∞ POLES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ∞ DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
POLES (SUPPORTS)
REGGE POLES

POLES (SUPPORTS)

RT ELECTRIC POWER TRANSMISSION
∞ POLES

POLICE

GS PERSONNEL
POLICE
RT COMMUNITIES
CRIME
REGULATIONS
SECURITY
SOCIAL FACTORS
VIOLENCE

POLICIES

GS **POLICIES**
ENERGY POLICY
PATENT POLICY
PROCUREMENT POLICY
RT COPYRIGHTS
GOVERNMENTS
LICENSING
PROHIBITION
REGULATIONS
RULES

POLIOMYELITIS

GS DISEASES
INFECTIOUS DISEASES
POLIOMYELITIS

POLISH TS-11 AIRCRAFT

USE TS-11 AIRCRAFT

POLISHED METALS

USE METAL POLISHING

POLISHING

GS **POLISHING**
METAL POLISHING
ELECTROPOLISHING
VIBRATORY POLISHING
RT ABRASION
CLEANING
FINISHES
GRINDING (MATERIAL REMOVAL)
METALLOGRAPHY
SMOOTHING
SURFACE FINISHING
ULTRASONIC CLEANING

POLITICS

RT AIR LAW
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
GOVERNMENTS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
LAW (JURISPRUDENCE)
NATIONS
REGIMES
SOCIOLOGY
SOVEREIGNTY
UNITED NATIONS
VOTING
WARFARE

POLLEN

GS PARTICLES
POLLEN
RT AEROBIOLOGY
AIR POLLUTION
DUST
PLANTS (BOTANY)
∞ REPRODUCTION

POLLUTANTS

USE CONTAMINANTS

POLLUTION

GS **POLLUTION**
ENVIRONMENT POLLUTION
AIR POLLUTION

POLLUTION CONTROL

POLLUTION-(CONT)

GLOBAL AIR POLLUTION
INDOOR AIR POLLUTION
WATER POLLUTION
OIL POLLUTION
NOISE POLLUTION
THERMAL POLLUTION
RT CLEAN FUELS
CONTAMINANTS
CONTAMINATION
DEBRIS
DECONTAMINATION
DISSIPATION
ELIMINATION
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
HUMAN WASTES
METABOLIC WASTES
MICROCYSTIS
MICROORGANISMS
NONPOINT SOURCES
OIL SLICKS
POISONS
PREVENTION
PUBLIC HEALTH
PURITY
QUALITY
RADIOACTIVE WASTES
SMOKE ABATEMENT
SOLID WASTES
TOXICOLOGY
WASTE DISPOSAL
WASTES
WATER
WATER RECLAMATION
WATER TREATMENT

POLLUTION CONTROL

RT AIR QUALITY
BIOCHEMICAL OXYGEN DEMAND
∞CONTROL
DEWATERING
ENVIRONMENTAL SURVEYS
FLUE GASES
FLY ASH

POLLUTION MONITORING

RT AIR POLLUTION
AIR QUALITY
ENVIRONMENT POLLUTION
GLOBAL AIR POLLUTION
GROUND STATIONS
MONITORS
WARNING SYSTEMS
WATER POLLUTION

POLLUTION TRANSPORT

UF ATMOSPHERIC LOADING
RT AEROSOLS
AIR POLLUTION
ATMOSPHERIC CIRCULATION
ATMOSPHERIC DIFFUSION
COMBUSTION PRODUCTS
DISPERSING
ENVIRONMENT POLLUTION
EXHAUST EMISSION
EXHAUST GASES
GAS TRANSPORT
GASEOUS DIFFUSION
GLOBAL AIR POLLUTION
PLUMES
THERMAL POLLUTION
TRACE CONTAMINANTS
TRANSPORT PROPERTIES
TRANSPORT THEORY
WATER CIRCULATION
WATER POLLUTION

POLOIDAL FLUX

RT MAGNETIC FIELD CONFIGURATIONS
TOKAMAK DEVICES
TOROIDAL PLASMAS

POLONIUM

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210

POLONIUM-(CONT)

RT METALS

POLONIUM COMPOUNDS

RT ∞CHEMICAL COMPOUNDS
∞GROUP 6A COMPOUNDS

POLONIUM ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210

RT METALS

POLONIUM 208

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 208
RADIOACTIVE ISOTOPES
POLONIUM 208

RT METALS

POLONIUM 209

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 209
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 209
RADIOACTIVE ISOTOPES
POLONIUM 209

RT METALS

POLONIUM 210

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 210
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 210
RADIOACTIVE ISOTOPES
POLONIUM 210

RT METALS

POLYACETYLENE

RT SEMICONDUCTORS (MATERIALS)

POLYACRYLATES

USE ACRYLIC RESINS

POLYAMIDE RESINS

UF NYLON RESINS
GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)

POLYATOMIC GASES

GS GASES
MOLECULAR GASES
POLYATOMIC GASES
DIATOMIC GASES

POLYATOMIC MOLECULES

GS MOLECULES

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POLYATOMIC MOLECULES-(CONT)

POLYATOMIC MOLECULES
TRIATOMIC MOLECULES
RT ATOMS
CHEMICAL BONDS
∞CHEMICAL COMPOUNDS
IONS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

POLYBENZIMIDAZOLE

RT SYNTHETIC FIBERS

POLYBROMINATED BIPHENYLS

UF PBB
GS TOXINS AND ANTITOXINS
POLYBROMINATED BIPHENYLS
RT FLAME RETARDANTS
POLYCHLORINATED BIPHENYLS

POLYBUTADIENE

GS PLASTICS
POLYBUTADIENE
RT ADDITION RESINS
BUTADIENE
HTPB PROPELLANTS
SYNTHETIC RUBBERS

POLYBUTADIENE TETRANITRAMINE

GS NITROGEN COMPOUNDS
NITRO COMPOUNDS
POLYBUTADIENE TETRANITRAMINE
RT PLASTIC PROPELLANTS

POLYCARBONATES

GS CARBON COMPOUNDS
CARBONATES
POLYCARBONATES
LEXAN (TRADEMARK)
ESTERS
POLYCARBONATES
LEXAN (TRADEMARK)
RT ∞POLYMERS

POLYCHLORINATED BIPHENYLS

UF PCB
GS PHENYLS
POLYCHLORINATED BIPHENYLS
RT POLYBROMINATED BIPHENYLS

POLYCRYSTALS

GS CRYSTALS
POLYCRYSTALS
RT BICRYSTALS
CRYSTAL STRUCTURE
SINGLE CRYSTALS

POLYCYTHEMIA

RT HEMOGLOBIN
HEMOLYSIS
HEMORRHAGES
SPLEEN

POLYESTER RESINS

GS PLASTICS
SYNTHETIC RESINS
POLYESTER RESINS
RESINS
SYNTHETIC RESINS
POLYESTER RESINS
RT DACRON (TRADEMARK)
THERMOSETTING RESINS

POLYESTERS

GS ESTERS
POLYESTERS
RT ∞POLYMERS
SYNTHETIC FIBERS

POLYETHER RESINS

GS PLASTICS
SYNTHETIC RESINS
POLYETHER RESINS
POLYMETHYL METHACRYLATE
RESINS
SYNTHETIC RESINS
POLYETHER RESINS
POLYMETHYL METHACRYLATE
RT VULCANIZED ELASTOMERS

POLYETHYLENE TEREPHTHALATE

GS ESTERS
POLYETHYLENE TEREPHTHALATE

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POLYSACCHARIDES

POLYETHYLENE TEREPHTHALATE-(CONT)

PLASTICS
 POLYETHYLENES
 POLYETHYLENE TEREPHTHALATE
 RT ADDITION RESINS
 MYLAR (TRADEMARK)
 ∞ POLYMERS

POLYETHYLENES

GS PLASTICS
 POLYETHYLENES
 POLYETHYLENE TEREPHTHALATE
 RT ADDITION RESINS
 ETHYLENE
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS

POLYGONIZATION

RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 RECRYSTALLIZATION

POLYGONS

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYGONS
 HEXAGONS
 TETRAGONS
 PARALLELOGRAMS
 RHOMBOIDS
 RECTANGLES
 SQUARES (MATHEMATICS)
 TRAPEZOID
 TRIANGLES
 RT POLYTOPES

POLYHEDRONS

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYHEDRONS
 CUBES (MATHEMATICS)
 ICOSAEDRONS
 OCTAHEDRONS
 PARALLELEPIPEDS
 PYRAMIDS
 RHOMBOHEDRONS
 TETRAHEDRONS
 RT POLYTOPES

POLYIMIDE RESINS

GS RESINS
 POLYIMIDE RESINS
 RT POLYIMIDES
 RESIN MATRIX COMPOSITES

POLYIMIDES

GS NITROGEN COMPOUNDS
 AMIDES
 POLYIMIDES
 RT POLYIMIDE RESINS

POLYISOBUTYLENE

GS PLASTICS
 POLYISOBUTYLENE
 RT ADDITION RESINS
 SYNTHETIC RUBBERS

POLYISOPRENES

RT ∞ POLYMERS
 RUBBER
 SYNTHETIC RUBBERS

POLYMER CHEMISTRY

RT ∞ CHEMISTRY
 PHOSPHAZENE
 POLYMER PHYSICS
 POLYWATER

POLYMER MATRIX COMPOSITES

GS COMPOSITE MATERIALS
 POLYMER MATRIX COMPOSITES
 RT BORON FIBERS
 ∞ CONSTRUCTION MATERIALS
 FIBER COMPOSITES
 LAMINATES
 ∞ MATERIALS
 ∞ MATRICES
 MATRIX MATERIALS
 ∞ POLYMERS
 PULTRUSION
 REINFORCED PLASTICS
 RESIN MATRIX COMPOSITES

POLYMER PHYSICS

RT ∞ PHYSICS
 POLYMER CHEMISTRY
 POLYWATER
 ∞ SCIENCE

POLYMERIC FILMS

UF PLASTIC FILMS
 GS POLYMERIC FILMS
 KAPTON (TRADEMARK)
 MYLAR (TRADEMARK)
 RT CASTING
 FIBERS
 ∞ FILMS
 NYLON (TRADEMARK)
 PHOTOGRAPHIC FILM
 PLASTIC COATINGS
 ∞ SHEETS

POLYMERIZATION

GS POLYMERIZATION
 COPOLYMERIZATION
 DIMERIZATION
 VINYL COPOLYMERS
 RT CHEMICAL REACTIONS
 COUPLED MODES
 DEPOLYMERIZATION
 QUINOXALINES
 REFINING
 ∞ SETTING
 ZIEGLER CATALYST

∞ POLYMERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CELLOPHANE
 COORDINATION POLYMERS
 COPOLYMERIZATION
 COPOLYMERS
 ELASTOMERS
 FLUOROPOLYMERS
 FORMICA
 HIGH POLYMERS
 KAPTON (TRADEMARK)
 KEL-F
 LEXAN (TRADEMARK)
 LIGNIN
 METALLOSILOXANE POLYMER
 METALLOXANE POLYMER
 METHYL POLYSILOXANE
 MICARTA
 MONOMERS
 MYLAR (TRADEMARK)
 NITROGEN POLYMERS
 NYLON (TRADEMARK)
 ORGANIC MATERIALS
 ORGANOMETALLIC POLYMERS
 PHOSPHORUS POLYMERS
 PLASTICS
 POLYCARBONATES
 POLYESTERS
 POLYETHYLENE TEREPHTHALATE
 POLYISOPRENES
 POLYMER MATRIX COMPOSITES
 POLYQUINOXALINES
 POLYTETRAFLUOROETHYLENE
 POLYURETHANE FOAM
 POLYVINYL FLUORIDE
 PREPOLYMERS
 PYRRONES (TRADEMARK)
 SILICON POLYMERS
 SILICONES
 SILOXANES
 SOLITHANES
 STYROFOAM (TRADEMARK)
 SYNTHETIC RESINS
 TEFLON (TRADEMARK)
 VINYL COPOLYMERS
 VINYL POLYMERS

POLYMETHYL METHACRYLATE

UF LUCITE (TRADEMARK)
 GS PLEXIGLASS (TRADEMARK)
 PLASTICS
 SYNTHETIC RESINS
 POLYETHER RESINS
 POLYMETHYL METHACRYLATE
 RESINS
 SYNTHETIC RESINS
 POLYETHER RESINS
 POLYMETHYL METHACRYLATE

POLYMORPHISM

GS MORPHOLOGY

POLYMORPHISM-(CONT)

POLYMORPHISM
 RT ALLOTROPY
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 ∞ PHYSICAL PROPERTIES

POLYNOMIALS

GS ALGEBRA
 POLYNOMIALS
 BINOMIALS
 DYADICS
 HERMITIAN POLYNOMIAL
 RT COEFFICIENTS
 CUBIC EQUATIONS
 EIGENVALUES
 EIGENVECTORS
 ∞ EQUATIONS
 LINEAR EQUATIONS
 NONLINEAR EQUATIONS
 QUADRATIC EQUATIONS
 ROOTS OF EQUATIONS

POLYNUCLEAR ORGANIC COMPOUNDS

GS ORGANIC COMPOUNDS
 POLYNUCLEAR ORGANIC COMPOUNDS
 RT AIR POLLUTION
 ∞ CHEMICAL COMPOUNDS
 PETROLEUM PRODUCTS
 PURIFICATION

POLYNUCLEOTIDES

GS ORGANIC COMPOUNDS
 NUCLEOTIDES
 POLYNUCLEOTIDES
 PHOSPHORUS COMPOUNDS
 PHOSPHATES
 POLYNUCLEOTIDES
 PROTEINS
 NUCLEOTIDES
 POLYNUCLEOTIDES
 RT RIBONUCLEIC ACIDS

POLYOT SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 POLYOT SATELLITES
 UNMANNED SPACECRAFT
 POLYOT SATELLITES

POLYPEPTIDES

GS ORGANIC COMPOUNDS
 AMINO ACIDS
 PEPTIDES
 HYPERTENSIN
 POLYPEPTIDES
 PROTEINS
 PEPTIDES
 HYPERTENSIN
 POLYPEPTIDES

POLYPHENYL ETHER

GS ETHERS
 POLYPHENYL ETHER

POLYPHENYLS

GS PHENYLS
 POLYPHENYLS
 TETRAPHENYLS

POLYPROPYLENE

GS PLASTICS
 POLYPROPYLENE
 RT ADDITION RESINS
 SYNTHETIC RESINS

POLYQUINOXALINES

RT ∞ CHEMICAL COMPOUNDS
 ∞ POLYMERS

POLYSACCHARIDES

GS ALIPHATIC COMPOUNDS
 POLYSACCHARIDES
 CELLULOSE
 FORTISAN (TRADEMARK)
 CHITIN
 DEXTRANS
 GLYCOGENS
 STARCHES
 CARBOHYDRATES
 POLYSACCHARIDES
 CELLULOSE
 FORTISAN (TRADEMARK)
 CHITIN

POLYSLIPS

POLYSACCHARIDES-(CONT)

DEXTRANS
GLYCOGENS
STARCHES
RT GUMS (SUBSTANCES)

POLYSLIPS

RT ∞SLIP

POLYSTATION DOPPLER TRACKING SYSTEM

GS STATIONS
GROUND STATIONS
POLYSTATION DOPPLER TRACKING SYSTEM
TRACKING STATIONS
POLYSTATION DOPPLER TRACKING SYSTEM
TRACKING (POSITION)
POLYSTATION DOPPLER TRACKING SYSTEM
TRACKING NETWORKS
POLYSTATION DOPPLER TRACKING SYSTEM
RT DOPPLER RADAR
MISSILE TRACKING
PULSE RADAR
RADAR NETWORKS
SATELLITE DOPPLER POSITIONING
SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING
∞SYSTEMS

POLYSTYRENE

GS PLASTICS
POLYSTYRENE
STYRENES
POLYSTYRENE
STYROFOAM (TRADEMARK)
RT ADDITION RESINS
SANTOWAX (TRADEMARK)
SYNTHETIC RESINS
THERMOPLASTIC RESINS

POLYSULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
POLYSULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
POLYSULFIDES
RT COMPOSITE PROPELLANTS

POLYTETRAFLUOROETHYLENE

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORO COMPOUNDS
DIFLUORO COMPOUNDS
POLYTETRAFLUOROETHYLENE
PLASTICS
POLYTETRAFLUOROETHYLENE
RT ∞POLYMERS
SYNTHETIC RESINS
TEFLON (TRADEMARK)

POLYTOPES

RT ANALYTIC GEOMETRY
EUCLIDEAN GEOMETRY
HYPERPLANES
POLYGONS
POLYHEDRONS

POLYTROPIC PROCESSES

RT ADIABATIC CONDITIONS
∞ISOBARS
THERMODYNAMICS

POLYURETHANE FOAM

RT FOAMS
LOW DENSITY MATERIALS
∞POLYMERS
SOILS
SPONGES (MATERIALS)

POLYURETHANE RESINS

GS RESINS
POLYURETHANE RESINS
RT COMPOSITE PROPELLANTS

POLYVINYL ALCOHOL

GS HYDROXYL COMPOUNDS
ALCOHOLS

POLYVINYL ALCOHOL-(CONT)

POLYVINYL ALCOHOL
PLASTICS
POLYVINYL ALCOHOL
RT ADDITION RESINS
SYNTHETIC RESINS
VINYL POLYMERS

POLYVINYL CHLORIDE

UF GEON (TRADEMARK)
GS PLASTICS
POLYVINYL CHLORIDE
RT ADDITION RESINS
CHLORIDES
SYNTHETIC RESINS
TETRAHYDROFURAN
VINYL POLYMERS

POLYVINYL FLUORIDE

GS PLASTICS
POLYVINYL FLUORIDE
VINYL POLYMERS
POLYVINYL FLUORIDE
RT ∞POLYMERS

POLYWATER

GS WATER
POLYWATER
RT ATOMIC STRUCTURE
CHEMICAL BONDS
MOLECULAR STRUCTURE
POLYMER CHEMISTRY
POLYMER PHYSICS

POMERANCHUK THEOREM

GS THEOREMS
POMERANCHUK THEOREM
RT ANTIPARTICLES
DEUTERONS
DIFFRACTION PATTERNS
EIKONAL EQUATION
ELASTIC SCATTERING
ELECTRONS
ELEMENTARY PARTICLES
FIELD THEORY (PHYSICS)
FREDHOLM EQUATIONS
GLAUBER THEORY
HIGH ENERGY INTERACTIONS
KAONS
MESONS
NUCLEON-NUCLEON SCATTERING
POMERONS
REGGE POLES
SCATTERING CROSS SECTIONS

POMERONS

RT NUCLEAR REACTIONS
POMERANCHUK THEOREM
PROTON-PROTON REACTIONS
REGGE POLES
SCATTERING CROSS SECTIONS

PONDEROMOTIVE FORCES

GS ELECTROMOTIVE FORCES
PONDEROMOTIVE FORCES
RT ELECTRODYNAMICS
∞FORCE
LORENTZ FORCE
RELATIVISTIC PLASMAS
RELATIVITY

PONDS

RT AQUIFERS
GREAT SALT LAKE (UT)
IRRIGATION
LAGOONS
LAKES
LIMNOLOGY
LIQUID WASTES
RESERVOIRS
SOLAR PONDS (HEAT STORAGE)
SURFACE WATER
WASTE DISPOSAL
WATER RESOURCES
WATERSHEDS
WINDPOWERED PUMPS

PONTIAC (MI)

GS CITIES
PONTIAC (MI)
RT MICHIGAN

PONTRYAGIN PRINCIPLE

RT CALCULUS OF VARIATIONS

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PONTRYAGIN PRINCIPLE-(CONT)

MAXIMUM PRINCIPLE
OPTIMIZATION
REACTION TIME

POPULATION INVERSION

GS INVERSIONS
POPULATION INVERSION
RT ELECTRON PUMPING
ENERGY LEVELS
MOLECULAR RELAXATION
NITROGEN LASERS
NUCLEAR PUMPING
POPULATIONS
STIMULATED EMISSION

POPULATION THEORY

RT POPULATIONS
PROBABILITY THEORY
∞THEORIES

POPULATIONS

RT BIOMASS
DISCRIMINANT ANALYSIS (STATISTICS)
POPULATION INVERSION
POPULATION THEORY
PREDATORS
∞STATISTICS

PORCELAIN

GS CERAMICS
PORCELAIN
REFRACTORY MATERIALS
PORCELAIN
RT CERAMIC COATINGS
ENAMELS
GLASS
GLAZES
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION

PORES

USE POROSITY

POROSITY

UF PORES
GS POROSITY
MICROPOROSITY
RT AQUIFERS
BUOYANCY
COMPRESSIBILITY
DEFECTS
∞DENSITY
DENSITY (MASS/VOLUME)
FORMATIONS
GAS INJECTION
HOLE DISTRIBUTION (MECHANICS)
HYGRAL PROPERTIES
IMPREGNATING
INFILTRATION
INTERSTICES
LEAKAGE
MOISTURE RESISTANCE
PERMEABILITY
PERMEATING
PINHOLES
POROUS BOUNDARY LAYER CONTROL
POROUS MATERIALS
POROUS PLATES
∞PROPERTIES
SINTERING
TEXTURES
VOID RATIO
VOIDS
WETTABILITY

POROUS BOUNDARY LAYER CONTROL

GS BOUNDARY LAYER CONTROL
POROUS BOUNDARY LAYER CONTROL
RT ∞CONTROL
CONVECTIVE FLOW
EKMAN LAYER
FREE CONVECTION
MASS TRANSFER
POROSITY

POROUS MATERIALS

RT BRITTLE MATERIALS
∞CELLS
HONEYCOMB STRUCTURES
INTERSTICES
LOW DENSITY MATERIALS
∞MATERIALS
METAL POWDER

- POROUS MATERIALS-(CONT)**
 GS POROSITY
 POWDER METALLURGY
 SANDS
 SOILS
 SPONGES (MATERIALS)
- POROUS PLATES**
 GS STRUCTURAL MEMBERS
 PLATES (STRUCTURAL MEMBERS)
POROUS PLATES
 RT LOW DENSITY MATERIALS
 POROSITY
- POROUS WALLS**
 GS WALLS
POROUS WALLS
 RT ∞ DIFFUSERS
- PORPHINES**
 GS ORGANOMETALLIC COMPOUNDS
PORPHINES
 RT CHLOROPHYLLS
 HEMOGLOBIN
- PORPHYRA**
 GS ALGAE
PORPHYRA
- PORPHYRINS**
 GS **PORPHYRINS**
 CHLOROPHYLLS
 RT HEMOGLOBIN
- PORPOISES**
 GS ANIMALS
 VERTEBRATES
 MAMMALS
PORPOISES
 RT MARINE MAMMALS
- PORTABLE EQUIPMENT**
 RT ∞ EQUIPMENT
 LIXISCOPES
 LOGISTICS
 MOBILITY
 STOWAGE (ONBOARD EQUIPMENT)
- PORTABLE LIFE SUPPORT SYSTEMS**
 UF PLSS
 GS SUPPORT SYSTEMS
 LIFE SUPPORT SYSTEMS
PORTABLE LIFE SUPPORT SYSTEMS
 AEPS
 RT ARGON-OXYGEN ATMOSPHERES
 BIOPAKS
 BREATHING APPARATUS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 HELIUM-OXYGEN ATMOSPHERES
 OXYGEN MASKS
 PRESSURE SUITS
 ∞ SYSTEMS
- ∞ **PORTS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRPORTS
 DRYDOCKS
 HARBORS
 PORTS (OPENINGS)
 SHIPYARDS
 WHARVES
- PORTS (OPENINGS)**
 GS OPENINGS
PORTS (OPENINGS)
 RT APERTURES
 CAVITIES
 DUCTS
 EXHAUST SYSTEMS
 ORIFICES
 OUTLETS
 ∞ PORTS
 VENTS
 ∞ WINDOWS
 WINDOWS (APERTURES)
- PORTUGAL**
 GS NATIONS
PORTUGAL
 RT EUROPE
- POSEIDON MISSILES**
 GS MISSILES
 BALLISTIC MISSILES
POSEIDON MISSILES
 SURFACE TO SURFACE MISSILES
 FLEET BALLISTIC MISSILES
POSEIDON MISSILES
 RT BALLISTIC MISSILE SUBMARINES
 GUIDED MISSILE SUBMARINES
 SEA LAUNCHING
- POSEIDON SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 FRENCH SATELLITES
POSEIDON SATELLITE
- ∞ **POSITION**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT ATTITUDE (INCLINATION)
 POSITION (LOCATION)
 POSITION (TITLE)
- POSITION (LOCATION)**
 UF LOCALIZATION
 LOCATION
 GS **POSITION (LOCATION)**
 SOLAR POSITION
 RT ALTITUDE
 ASTROLABES
 AZIMUTH
 BEARING (DIRECTION)
 COLLATING
 COLLOCATION
 COORDINATES
 DETECTION
 DISTANCE
 EPHEMERIDES
 EXPOSURE
 ∞ FIXING
 GEOMETRY
 LATITUDE
 LONGITUDE
 MISALIGNMENT
 NAVIGATION
 ORBITAL POSITION ESTIMATION
 ∞ ORIENTATION
 ∞ POINTS
 POSITION ERRORS
 POSITION SENSING
 POSITIONING
 RADAR BEACONS
 SITES
 SOUND RANGING
 SPATIAL DISTRIBUTION
 SPHERICAL COORDINATES
 STATIONS
 SURVEYS
 TRACKING (POSITION)
- POSITION (TITLE)**
 RT EMPLOYEE RELATIONS
 EVALUATION
 ∞ GRADE
 PERSONNEL
 ∞ POSITION
 RATINGS
- POSITION ERRORS**
 GS ERRORS
POSITION ERRORS
 RT ASTROLABES
 ERROR SIGNALS
 NAVIGATION
 OPTICAL CORRECTION PROCEDURE
 ORBITAL POSITION ESTIMATION
 POSITIONING
 VELOCITY ERRORS
- POSITION INDICATORS**
 GS AIRCRAFT INSTRUMENTS
POSITION INDICATORS
 PLAN POSITION INDICATORS
 RADIO DIRECTION FINDERS
 SPACECRAFT POSITION INDICATORS
 DISPLAY DEVICES
POSITION INDICATORS
 PLAN POSITION INDICATORS
 RADIO DIRECTION FINDERS
 SPACECRAFT POSITION INDICATORS
 MEASURING INSTRUMENTS
 INDICATING INSTRUMENTS
POSITION INDICATORS
- POSITION INDICATORS-(CONT.)**
 ASTROLABES
 PLAN POSITION INDICATORS
 RADIO DIRECTION FINDERS
 SPACECRAFT POSITION
 INDICATORS
 RT ALTIMETERS
 BEACONS
 DISTANCE MEASURING EQUIPMENT
 FLIGHT INSTRUMENTS
 GLOBAL POSITIONING SYSTEM
 HEAD-UP DISPLAYS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 PLOTTERS
 POSITION SENSING
 RANGE FINDERS
 ROCKET-BORNE INSTRUMENTS
 SEXTANTS
 SOLAR COMPASSES
 SOUND LOCALIZATION
- POSITION SENSING**
 RT COMPUTER VISION
 ELECTRO-OPTICS
 POSITION (LOCATION)
 POSITION INDICATORS
 ROBOTICS
- POSITIONING**
 RT ADJUSTING
 ALIGNMENT
 AMBIGUITY
 COLLATING
 COLLOCATION
 DISPLACEMENT
 DISTRIBUTING
 ∞ DISTRIBUTION
 EXPOSURE
 FITTING
 ∞ FIXING
 INSTRUMENT ORIENTATION
 ∞ JOINING
 LATITUDE MEASUREMENT
 LONGITUDE MEASUREMENT
 LOOK ANGLES (ELECTRONICS)
 NAVIGATION
 ∞ ORIENTATION
 PLY ORIENTATION
 POSITION (LOCATION)
 POSITION ERRORS
 RADIO NAVIGATION
 RELOCATION
 SATELLITE DOPPLER POSITIONING
 ∞ SETTING
 SPACING
 STATIONKEEPING
- POSITIONING DEVICES (MACHINERY)**
 GS **POSITIONING DEVICES (MACHINERY)**
 BOOMS (EQUIPMENT)
 CAMS
 JIGS
 RT ∞ DEVICES
 HOLDERS
 JACKS (LIFTS)
 ∞ MACHINERY
 SLEWING
- POSITIVE FEEDBACK**
 UF REGENERATIVE FEEDBACK
 GS FEEDBACK
POSITIVE FEEDBACK
 RT AMPLIFICATION
 FEEDBACK AMPLIFIERS
 MULTIVIBRATORS
 NONLINEAR FEEDBACK
 OSCILLATORS
 REGENERATION (ENGINEERING)
 SELF OSCILLATION
 TRANSFER FUNCTIONS
- POSITIVE IONS**
 GS IONS
POSITIVE IONS
 RT ATOMS
 CATIONS
 FORMYL IONS
 HYDROGEN IONS
 HYDRONIUM IONS
 ION DENSITY (CONCENTRATION)
 IONIC MOBILITY
 IONOSPHERIC ION DENSITY
 MAGNETOSPHERIC ION DENSITY
 METAL IONS

POSITRON ANNIHILATION

POSITIVE IONS-(CONT)

MOLECULAR IONS
MONATOMIC MOLECULES
POLYATOMIC MOLECULES
PROTONS
TRIVALENT IONS
VALENCE

POSITRON ANNIHILATION

GS NUCLEAR REACTIONS
ANNIHILATION REACTIONS
POSITRON ANNIHILATION
RT ANTIPARTICLES
ELEMENTARY PARTICLES
NUCLEAR PARTICLES
PAIR PRODUCTION
PARTICLES

POSITRONIUM

RT ATOMS
EXCITONS

POSITRONS

GS ANTIMATTER
ANTIPARTICLES
POSITRONS
PARTICLES
CHARGED PARTICLES
POSITRONS
ELEMENTARY PARTICLES
ANTIPARTICLES
POSITRONS
NUCLEAR PARTICLES
ANTIPARTICLES
POSITRONS
RT PAIR PRODUCTION

POST BOOST PROPULSION SYSTEM

RT ASCENT TRAJECTORIES
PROPULSION
PROPULSION SYSTEM CONFIGURATIONS
ROCKET ENGINES
SPACECRAFT PROPULSION
∞SYSTEMS
TRAJECTORY CONTROL

POST-BLAST NUCLEAR RADIATION

GS NUCLEAR RADIATION
POST-BLAST NUCLEAR RADIATION
RT FALLOUT
HALF LIFE
RADIANT FLUX DENSITY
∞RADIATION
RADIATION EFFECTS
RADIOACTIVE DECAY
RADIOACTIVITY
VELA SATELLITES

POSTAMPLIFIERS

GS AMPLIFIERS
POSTAMPLIFIERS
RT PREAMPLIFIERS

POSTERIOR SECTIONS

RT ANATOMY
DORSAL SECTIONS

POSTFLIGHT ANALYSIS

RT ∞ANALYZING
∞PERFORMANCE
POSTMISSION ANALYSIS (SPACECRAFT)

POSTLAUNCH REPORTS

GS DOCUMENTS
POSTLAUNCH REPORTS
REPORTS
POSTLAUNCH REPORTS
RT PRELAUNCH SUMMARIES
SPACECRAFT LAUNCHING
SPACECRAFT PERFORMANCE
SUMMARIES

POSTMISSION ANALYSIS (SPACECRAFT)

RT FLIGHT TESTS
POSTFLIGHT ANALYSIS

POSTULATES

USE AXIOMS

POSTURE

RT HUMAN BODY
ORTHOSTATIC TOLERANCE
PHYSICAL FITNESS

POTABLE LIQUIDS

GS LIQUIDS
POTABLE LIQUIDS
BEVERAGES
WINES
RT PURITY

POTABLE WATER

GS WATER
POTABLE WATER
RT COLD WATER
CONSERVATION
DROUGHT
FRESH WATER
GROUND WATER
LIMNOLOGY
MODULAR INTEGRATED UTILITY SYSTEM
OASES
PURIFICATION
SANITATION
SPRINGS (WATER)
WATER MANAGEMENT
WATER RESOURCES
WATER TABLES
WATER TREATMENT

POTASSIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
METALS
ALKALI METALS
POTASSIUM
LIQUID POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
RT KREEP

POTASSIUM ALLOYS

GS ALLOYS
POTASSIUM ALLOYS

POTASSIUM BROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
POTASSIUM BROMIDES
HALIDES
BROMIDES
POTASSIUM BROMIDES
METAL HALIDES
POTASSIUM BROMIDES
POTASSIUM COMPOUNDS
POTASSIUM BROMIDES

POTASSIUM CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
POTASSIUM CHLORIDES
HALIDES
CHLORIDES
POTASSIUM CHLORIDES
METAL HALIDES
POTASSIUM CHLORIDES
POTASSIUM COMPOUNDS
POTASSIUM CHLORIDES

POTASSIUM CHROMATES

GS CHROMIUM COMPOUNDS
CHROMATES
POTASSIUM CHROMATES
POTASSIUM COMPOUNDS
POTASSIUM CHROMATES

POTASSIUM COMPOUNDS

GS **POTASSIUM COMPOUNDS**
ALUM
NEPHELINE
POTASSIUM BROMIDES
POTASSIUM CHLORIDES
POTASSIUM CHROMATES
POTASSIUM HYDRIDES
POTASSIUM HYDROXIDES
POTASSIUM IODIDES
POTASSIUM NITRATES
POTASSIUM OXIDES
POTASSIUM PERCHLORATES

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POTASSIUM COMPOUNDS-(CONT)

POTASSIUM PEROXIDES
POTASSIUM PHOSPHATES
POTASSIUM SILICATES
RT ∞ALKALI METAL COMPOUNDS
∞CHEMICAL COMPOUNDS
∞METAL COMPOUNDS

POTASSIUM HYDRIDES

GS HYDROGEN COMPOUNDS
HYDRIDES
METAL HYDRIDES
POTASSIUM HYDRIDES
POTASSIUM COMPOUNDS
POTASSIUM HYDRIDES

POTASSIUM HYDROXIDES

GS ALKALIES
POTASSIUM HYDROXIDES
HYDROXIDES
POTASSIUM HYDROXIDES
POTASSIUM COMPOUNDS
POTASSIUM HYDROXIDES

POTASSIUM IODIDES

GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
ALKALI HALIDES
POTASSIUM IODIDES
IODINE COMPOUNDS
IODIDES
POTASSIUM IODIDES
POTASSIUM COMPOUNDS
POTASSIUM IODIDES

POTASSIUM ISOTOPES

GS CHEMICAL ELEMENTS
ALKALI METALS
POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
NUCLIDES
ISOTOPES
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40
METALS
ALKALI METALS
POTASSIUM
POTASSIUM ISOTOPES
POTASSIUM 38
POTASSIUM 39
POTASSIUM 40

POTASSIUM NITRATES

GS NITROGEN COMPOUNDS
NITRATES
INORGANIC NITRATES
POTASSIUM NITRATES
POTASSIUM COMPOUNDS
POTASSIUM NITRATES

POTASSIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
POTASSIUM OXIDES
POTASSIUM COMPOUNDS
POTASSIUM OXIDES

POTASSIUM PERCHLORATES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
PERCHLORATES
POTASSIUM PERCHLORATES
POTASSIUM COMPOUNDS
POTASSIUM PERCHLORATES
RT EXPLOSIVES
SOLID ROCKET PROPELLANTS

POTASSIUM PEROXIDES

GS POTASSIUM COMPOUNDS
POTASSIUM PEROXIDES

POTASSIUM PHOSPHATES

GS PHOSPHORUS COMPOUNDS
PHOSPHATES
POTASSIUM PHOSPHATES
POTASSIUM COMPOUNDS
POTASSIUM PHOSPHATES

POTASSIUM SILICATES

- GS POTASSIUM COMPOUNDS
POTASSIUM SILICATES
 SILICON COMPOUNDS
 SILICATES
 RT **POTASSIUM SILICATES**
 MINERALS

POTASSIUM 38

- GS CHEMICAL ELEMENTS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 38
 NUCLIDES
 ISOTOPES
 POTASSIUM ISOTOPES
POTASSIUM 38
 RADIOACTIVE ISOTOPES
POTASSIUM 38
 METALS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 38

POTASSIUM 39

- GS CHEMICAL ELEMENTS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 39
 NUCLIDES
 ISOTOPES
 POTASSIUM ISOTOPES
POTASSIUM 39
 METALS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 39

POTASSIUM 40

- GS CHEMICAL ELEMENTS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 40
 NUCLIDES
 ISOTOPES
 POTASSIUM ISOTOPES
POTASSIUM 40
 RADIOACTIVE ISOTOPES
POTASSIUM 40
 METALS
 ALKALI METALS
 POTASSIUM
 POTASSIUM ISOTOPES
POTASSIUM 40

POTATOES

- GS FARM CROPS
POTATOES
 VEGETABLES
POTATOES
 RT ∞ FOOD
 PLANTS (BOTANY)

 ∞ **POTENTIAL**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COULOMB POTENTIAL
 ELECTRIC POTENTIAL
 GEOPOTENTIAL
 IONIZATION POTENTIALS
 KLEIN-DUNHAM POTENTIAL
 MYOELECTRIC POTENTIALS
 NUCLEON POTENTIAL
 OPEN CIRCUIT VOLTAGE
 PLASMA POTENTIALS
 POTENTIAL ENERGY
 POTENTIAL FIELDS
 POTENTIAL THEORY
 YUKAWA POTENTIAL

POTENTIAL ENERGY

- GS **POTENTIAL ENERGY**
 ELECTRIC POTENTIAL
 BIOELECTRIC POTENTIAL
 CONTACT POTENTIALS
 COULOMB POTENTIAL
 LIENARD POTENTIAL
 LOW VOLTAGE
 OPEN CIRCUIT VOLTAGE

POTENTIAL ENERGY-(CONT)

- PHOTOVOLTAGES
 QUANTUM WELLS
 SPIKE POTENTIALS
 GEOPOTENTIAL HEIGHT
 IONIZATION POTENTIALS
 NUCLEAR POTENTIAL
 PLASMA POTENTIALS
 RT CHEMICAL ENERGY
 ELECTRIC ENERGY STORAGE
 ∞ ENERGY
 ENERGY STORAGE
 FROUDE NUMBER
 GEOPOTENTIAL
 INTERNAL ENERGY
 KINETIC ENERGY
 MORSE POTENTIAL
 ∞ POTENTIAL

POTENTIAL FIELDS

- RT FIELD THEORY (PHYSICS)
 ∞ POTENTIAL

POTENTIAL FLOW

- UF IRROTATIONAL FLOW
 GS FLUID FLOW
POTENTIAL FLOW
 EQUIPOTENTIALS
 RT CARTAN SPACE
 HEAT TRANSMISSION
 INVISCID FLOW
 VORTICITY

POTENTIAL GRADIENTS

- GS GRADIENTS
POTENTIAL GRADIENTS
 RT PRESSURE GRADIENTS
 SPARK GAPS
 TEMPERATURE GRADIENTS

POTENTIAL THEORY

- RT DIFFERENTIAL EQUATIONS
 JACOBI INTEGRAL
 LENNARD-JONES POTENTIAL
 ∞ POTENTIAL
 STREAM FUNCTIONS (FLUIDS)
 ∞ THEORIES

 ∞ **POTENTIOMETERS**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT POTENTIOMETERS (INSTRUMENTS)
 POTENTIOMETERS (RESISTORS)

POTENTIOMETERS (INSTRUMENTS)

- GS MEASURING INSTRUMENTS
POTENTIOMETERS (INSTRUMENTS)
 RT BOLOMETERS
 ELECTRIC POTENTIAL
 ELECTRICAL MEASUREMENT
 ELECTROMETERS
 ∞ POTENTIOMETERS
 THERMOCOUPLE PYROMETERS
 THERMOCOUPLES
 VOLTMETERS

POTENTIOMETERS (RESISTORS)

- GS ATTENUATORS
 RESISTORS
POTENTIOMETERS (RESISTORS)
 RT ∞ POTENTIOMETERS

POTENTIOMETRIC ANALYSIS

- UF POTENTIOMETRY
 GS CHEMICAL TESTS
 CHEMICAL ANALYSIS
 POTENTIOMETRIC ANALYSIS

POTENTIOMETRY

- USE POTENTIOMETRIC ANALYSIS

POTETZ AIRCRAFT

- RT ∞ AIRCRAFT

POTOMAC RIVER VALLEY (MD-VA-WV)

- GS VALLEYS
POTOMAC RIVER VALLEY (MD-VA-WV)
 RT DISTRICT OF COLUMBIA
 MARYLAND
 VIRGINIA
 WEST VIRGINIA

POTTING COMPOUNDS

- RT ∞ COMPOUNDS
 ENCAPSULATING
 INSULATION

POURING

- RT CASTING
 CASTINGS

POWDER (PARTICLES)

- GS PARTICLES
POWDER (PARTICLES)
 FINES
 PLATINUM BLACK
 POWDERED ALUMINUM
 RT COMPRESSIBILITY
 CROP DUSTING
 DUST
 EXPLOSIVES
 FLAKES
 FLOUR (FOOD)
 GRANULAR MATERIALS
 OBSIDIAN
 PUMICE
 SIZE SEPARATION

POWDER METALLURGY

- RT ALLOYS
 AUTOCLAVING
 CERMETS
 COMMINUTION
 COMPACTING
 COMPOSITE MATERIALS
 ELECTRODEPOSITION
 LOW DENSITY MATERIALS
 METAL MATRIX COMPOSITES
 METAL PARTICLES
 METAL POWDER
 ∞ METALLURGY
 MIXED CRYSTALS
 POROUS MATERIALS
 PREFORMS
 REACTION BONDING
 SINTERED ALUMINUM POWDER
 SINTERING
 VACUUM MELTING

POWDERED ALUMINUM

- GS CHEMICAL ELEMENTS
 ALUMINUM
POWDERED ALUMINUM
 METALS
 ALUMINUM
POWDERED ALUMINUM
 METAL POWDER
POWDERED ALUMINUM
 PARTICLES
 METAL PARTICLES
POWDERED ALUMINUM
 POWDER (PARTICLES)
POWDERED ALUMINUM
 RT LITHIUM ALUMINUM HYDRIDES
 SINTERED ALUMINUM POWDER

POWDERED METALS

- USE METAL POWDER

 ∞ **POWER**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ELECTRIC GENERATORS
 FLUID POWER
 FLUX (RATE)
 FLUX DENSITY
 HORSEPOWER
 RESOLUTION
 THRUST

POWER AMPLIFIERS

- GS AMPLIFIERS
POWER AMPLIFIERS
 RT AMPLIDYNES
 CYCLOTRON RESONANCE DEVICES
 FEEDBACK AMPLIFIERS
 MAGNETIC AMPLIFIERS
 PARAMETRIC AMPLIFIERS
 PUSH-PULL AMPLIFIERS
 TRANSISTOR AMPLIFIERS

POWER CONDITIONING

- UF POWER PROCESSING SYSTEMS
 RT ∞ CONDITIONING
 ELECTRIC CURRENT
 ELECTRIC GENERATORS

POWER CONVERTERS

POWER CONDITIONING-(CONT)

ELECTRIC POTENTIAL
ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
OUTPUT
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS

POWER CONVERTERS

RT ∞ CONVERTERS
TORQUE CONVERTERS

POWER DENSITY (ELECTROMAGNETIC)

USE RADIANT FLUX DENSITY

POWER EFFICIENCY

GS EFFICIENCY
POWER EFFICIENCY
RT COMBUSTION EFFICIENCY
COMPRESSOR EFFICIENCY
HORSEPOWER
NOZZLE EFFICIENCY
POWER FACTOR CONTROLLERS
 ∞ POWER LOSS
PROPELLER EFFICIENCY
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY
TRANSMISSION EFFICIENCY

POWER FACTOR CONTROLLERS

GS CONTROLLERS
POWER FACTOR CONTROLLERS
RT CURRENT REGULATORS
ELECTRIC MOTORS
ENERGY CONSERVATION
ENERGY CONVERSION EFFICIENCY
INDUCTION MOTORS
POWER EFFICIENCY
VOLTAGE REGULATORS

POWER GAIN

GS AMPLIFICATION
POWER GAIN
RT CATT DEVICES
HIGH GAIN
OPEN CIRCUIT VOLTAGE

POWER GENERATORS

USE ELECTRIC GENERATORS

POWER LIMITED SPACECRAFT

RT ∞ SPACECRAFT

POWER LIMITERS

RT ATTENUATORS
CLAMPING CIRCUITS
CLIPPER CIRCUITS
LIMITER CIRCUITS

POWER LINES

GS TRANSMISSION LINES
POWER LINES
RT BUS CONDUCTORS
 ∞ CABLES
COAXIAL CABLES
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
SUBMARINE CABLES
SUPERCONDUCTING POWER
TRANSMISSION
UNDERGROUND TRANSMISSION LINES

∞ POWER LOSS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ENERGY DISSIPATION
POWER EFFICIENCY

POWER MODULES (STS)

GS MODULES
POWER MODULES (STS)
RT ORBITAL MANEUVERING VEHICLES
PAYLOAD DELIVERY (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM
SPACECRAFT POWER SUPPLIES

∞ POWER PLANTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

POWER PLANTS-(CONT)

RT COGENERATION
ELECTRIC POWER PLANTS
ENGINES
ENRICO FERMI ATOMIC POWER PLANT
GEOTHERMAL ENERGY UTILIZATION
HALLAM NUCLEAR POWER FACILITY
HYDROELECTRIC POWER STATIONS
HYDROELECTRICITY
ML-1 NUCLEAR POWER PLANT
SOLAR SEA POWER PLANTS
SOLAR THERMAL ELECTRIC POWER PLANTS

POWER PROCESSING SYSTEMS

USE POWER CONDITIONING

POWER REACTORS

RT NUCLEAR POWER REACTORS
 ∞ REACTORS
SATURABLE REACTORS

POWER SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
RT ANALYTIC FUNCTIONS
BESSEL FUNCTIONS

POWER SPECTRA

GS SPECTRA
POWER SPECTRA
CEPSTRA
RT ACOUSTICS
CEPSTRAL ANALYSIS
ENERGY SPECTRA
FLUX DENSITY
LOUDNESS
MAXIMUM ENTROPY METHOD

∞ POWER SUPPLIES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRCRAFT ENGINES
AIRCRAFT POWER SUPPLIES
AUXILIARY POWER SOURCES
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POWER SUPPLIES
ELECTRON SOURCES
ENERGY REQUIREMENTS
HEAT SOURCES
LEAD ACID BATTERIES
LINE CURRENT
LITHIUM SULFUR BATTERIES
NUCLEAR AUXILIARY POWER UNITS
PLASMA POWER SOURCES
PROPELLANTS
RECTIFIERS
SOLAR GENERATORS
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

POWER SUPPLY CIRCUITS

GS CIRCUITS
POWER SUPPLY CIRCUITS
RT CURRENT REGULATORS
RECTIFIERS
TRANSFORMERS
VOLTAGE CONVERTERS (DC TO DC)
VOLTAGE REGULATORS

∞ POWER TRANSMISSION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BUS CONDUCTORS
ELECTRIC OUTLETS
ELECTRIC POWER TRANSMISSION
ELECTRICAL ENGINEERING
ELECTRIFICATION
HYDROELECTRIC POWER STATIONS
MECHANICAL DRIVES
WINDMILLS (WINDPOWERED MACHINES)

NASA THESAURUS (VOLUME 1)

POWER TRANSMISSION (LASERS)

RT CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
ELECTRIC POWER TRANSMISSION
GAS LASERS
LASERS
SOLAR POWER SATELLITES

POWERED LIFT AIRCRAFT

RT ∞ AIRCRAFT
EXTERNALLY BLOWN FLAPS
SHORT TAKEOFF AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

POWERED MODELS

SN (LIMITED TO TEST FACILITIES)
GS MODELS
WIND TUNNEL MODELS
POWERED MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS

POYNTING THEOREM

GS THEOREMS
POYNTING THEOREM
RT ∞ ELECTRIC POWER
ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
MAXWELL EQUATION
VECTOR ANALYSIS

POYNTING-ROBERTSON EFFECT

RT ∞ EFFECTS
MICROMETEORIODS
ORBITAL MECHANICS
RADIATION EFFECTS
ZODIACAL DUST
ZODIACAL LIGHT

PPI (POSITION INDICATORS)

USE PLAN POSITION INDICATORS

PPM (MODULATION)

USE PULSE POSITION MODULATION

PRACTICES

USE PROCEDURES

PRAESEPE STAR CLUSTERS

GS CELESTIAL BODIES
STAR CLUSTERS
PRAESEPE STAR CLUSTERS
STARS
PRAESEPE STAR CLUSTERS

PRAETERSONIC DEVICES

RT MICROWAVE FREQUENCIES
PIEZOELECTRIC TRANSDUCERS
THIN FILMS
ULTRAHIGH FREQUENCIES

PRAIRIES

USE GRASSLANDS

PRANDTL NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
PRANDTL NUMBER
RT FORCED CONVECTION
HEAT TRANSFER
INVISCID FLOW
MOMENTUM TRANSFER
NUSSLET NUMBER
PECLET NUMBER
REYNOLDS NUMBER
SCHMIDT NUMBER
THERMODYNAMIC PROPERTIES
VISCOUS FLOW

PRANDTL-MEYER EXPANSION

GS EXPANSION
PRANDTL-MEYER EXPANSION
RT BLASIUS EQUATION
FALKNER-SKAN EQUATION
LAMINAR FLOW
METHOD OF CHARACTERISTICS
NEWTON PRESSURE LAW
SUPERSONIC FLOW
TWO DIMENSIONAL FLOW

PRASEODYMIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
PRASEODYMIUM

NASA THESAURUS (VOLUME 1)

PREDICTION RECORDING

PRASEODYMIUM-(CONT)

PRASEODYMIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
RT DIDYMIUM

PRASEODYMIUM ISOTOPES

UF PRASEODYMIUM 144
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PRASEODYMIUM ISOTOPES
RARE EARTH ELEMENTS
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
PRASEODYMIUM
PRASEODYMIUM ISOTOPES

PRASEODYMIUM 144

USE PRASEODYMIUM ISOTOPES

PRE-IMBRIAN PERIOD

RT LUNAR COMPOSITION
LUNAR CRATERS
LUNAR EVOLUTION
LUNAR GEOLOGY
LUNAR ROCKS

PRE-MAIN SEQUENCE STARS

GS CELESTIAL BODIES
STARS
MAIN SEQUENCE STARS
PRE-MAIN SEQUENCE STARS
RT STELLAR EVOLUTION

PREAMPLIFIERS

UF PRESELECTORS
GS AMPLIFIERS
PREAMPLIFIERS
RT INTERMEDIATE FREQUENCY AMPLIFIERS
LOW NOISE
MIXING CIRCUITS
POSTAMPLIFIERS
SIGNAL DETECTION
SIGNAL DETECTORS
SIGNAL RECEPTION
TRANSISTOR AMPLIFIERS
VOLTAGE AMPLIFIERS

PREBURNERS

GS PRESSURE VESSELS
PREBURNERS
RT PUMPS
TURBINE PUMPS

PRECAMBRIAN PERIOD

RT BALTIC SHIELD (EUROPE)
CANADIAN SHIELD
GEOLOGY
PALEONTOLOGY

PRECAUTIONS

USE ACCIDENT PREVENTION

PRECESSION

GS GYRATION
PRECESSION
LARMOR PRECESSION
PROTON PRECESSION
QUENCHING (ATOMIC PHYSICS)
RT GYROSCOPES
GYROSCOPIC STABILITY
LARMOR RADIUS
LIBRATION
MUON SPIN ROTATION
NUTATION
POLAR WANDERING (GEOLOGY)
ROTATION
VORTEX PRECESSION

PRECIOUS METALS

USE NOBLE METALS

PRECIPITATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERM
LISTED BELOW)
RT DROP SIZE
ELECTRON PRECIPITATION
FALLING

PRECIPITATION-(CONT.)

HYDROMETALLURGY
MATERIALS RECOVERY
PARTICLE PRECIPITATION
PRECIPITATION (CHEMISTRY)
PRECIPITATION (METEOROLOGY)
PROTON PRECIPITATION

PRECIPITATION (CHEMISTRY)

RT AGGLOMERATION
CEMENTATION
CHEMISTRY
COAGULATION
COLLOIDING
CONCENTRATING
CRYSTALLIZATION
DEPOSITION
DISSOLVING
FILTRATION
FLOCCULATING
HYDROMETALLURGY
HYDROMETEOROLOGY
MATERIALS RECOVERY
PRECIPITATION
PRECIPITATORS
SATURATION
SATURATION (CHEMISTRY)
SEPARATION
SETTLING
SOLUBILITY
SUPERSATURATION
UNSATURATION (CHEMISTRY)

PRECIPITATION (METEOROLOGY)

GS PRECIPITATION (METEOROLOGY)
DEW
HAIL
RAIN
ACID RAIN
SNOW
SNOW COVER
RT ALPINE METEOROLOGY
ANVIL CLOUDS
ATMOSPHERIC MOISTURE
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLIMATOLOGY
CLOUD PHYSICS
CLOUD SEEDING
CLOUDS (METEOROLOGY)
CUMULONIMBUS CLOUDS
CYCLONES
DRAINAGE PATTERNS
DROUGHT
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
FOG
FOG DISPERSAL
HAILSTORMS
HUMIDITY
HYDROLOGY
HYDROLOGY MODELS
HYDROMETEOROLOGY
INTERNATIONAL HYDROLOGICAL
DECADE
METEOROLOGICAL PARAMETERS
METEOROLOGY
MIST
MONSOONS
NEPHANALYSIS
NIMBOSTRATUS CLOUDS
PRECIPITATION
RAINFALLING
RAINSTORMS
SATURATION
SNOWSTORMS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
STORMS
STORMS (METEOROLOGY)
WATER
WATER RESOURCES
WATERSHEDS
WEATHER
WEATHER FORECASTING

PRECIPITATION HARDENING

UF AGE HARDENING
DISPERSION PRECIPITATION HARDENING
STRAIN AGING
GS HARDENING (MATERIALS)
PRECIPITATION HARDENING

PRECIPITATION HARDENING-(CONT)

MARAGING
RT COLD HARDENING
EUTECTIC COMPOSITES
HEAT TREATMENT
SOLID SOLUTIONS
STRAIN HARDENING
SUPERSATURATION
TIME TEMPERATURE PARAMETER

PRECIPITATION PARTICLE MEASUREMENT

GS SIZE DETERMINATION
PRECIPITATION PARTICLE
MEASUREMENT
RT DROP SIZE
METEOROLOGICAL RADAR
PARTICLE SIZE DISTRIBUTION
PARTICLES

PRECIPITATORS

GS SEPARATORS
PRECIPITATORS
ELECTROSTATIC PRECIPITATORS
RT AIR FILTERS
CONCENTRATORS
DUST COLLECTORS
PRECIPITATION (CHEMISTRY)
THICKENERS (EQUIPMENT)

PRECISION

UF EXACTNESS
RT ACCURACY
ALLOWANCES
CONFIDENCE LIMITS
CONSISTENCY
DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
GEOMETRIC DILUTION OF PRECISION
HIGH RESOLUTION
HYSTERESIS
QUALITY
QUALITY CONTROL
RELIABILITY
RESOLUTION
SCHEDULES
SENSITIVITY
SHARPNESS
TOLERANCES (MECHANICS)
TRUNCATION ERRORS
VALIDITY

PRECISION GUIDED PROJECTILES

GS MISSILES
PRECISION GUIDED PROJECTILES
PROJECTILES
PRECISION GUIDED PROJECTILES
WEAPONS
ARTILLERY
PRECISION GUIDED PROJECTILES
GUNS (ORDNANCE)
PRECISION GUIDED PROJECTILES
WARHEADS
PRECISION GUIDED PROJECTILES
RT BOMBS

PRECONDITIONING

GS PREPARATION
PRECONDITIONING
RT CONDITIONING

PRECOOLING

GS COOLING
PRECOOLING
RT REGENERATIVE COOLING

PREDATORS

RT ANIMALS
ECOLOGY
ECOSYSTEMS
POPULATIONS

PREDICTION ANALYSIS TECHNIQUES

GS FORECASTING
PERFORMANCE PREDICTION
PREDICTION ANALYSIS TECHNIQUES
SCHEDULING
PREDICTION ANALYSIS TECHNIQUES
RT ANALYZING
PARAMETER IDENTIFICATION
SYSTEM IDENTIFICATION

PREDICTION RECORDING

GS RECORDING

PREDICTIONS

PREDICTION RECORDING-(CONT)

PREDICTION RECORDING

RT PREDICTIONS

PREDICTIONS

UF PREDICTORS

GS PREDICTIONS

FLOOD PREDICTIONS
IMPACT PREDICTION
LINEAR PREDICTION
NOISE PREDICTION
NOISE PREDICTION (AIRCRAFT)
PERFORMANCE PREDICTION
ROSHKO PREDICTION

RT CATASTROPHE THEORY
CONFIDENCE LIMITS
CONTINGENCY
DELPHI METHOD (FORECASTING)
ESTIMATES
FORECASTING
MAXIMUM LIKELIHOOD ESTIMATES
MISSION PLANNING
PATTERN METHOD (FORECASTING)
PREDICTION RECORDING
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
∞ PROJECTION
RISK
SCHEDULES
TECHNOLOGICAL FORECASTING

PREDICTORS

USE PREDICTIONS

PREEMPTING

RT CLAIMING
PREVENTION

PREFIRING TESTS

GS ENGINE TESTS

RT PREFIRING TESTS

CAPTIVE TESTS
CHECKOUT
GROUND TESTS
PREFLIGHT ANALYSIS
PRELAUNCH TESTS
ROCKET ENGINE DESIGN
SPACE VEHICLE CHECKOUT PROGRAM
STATIC TESTS
TEST FIRING
TEST STANDS
∞ TESTS

PREFLIGHT ANALYSIS

RT ∞ ANALYZING
PREFIRING TESTS
SYSTEMS ANALYSIS
∞ TESTS
TRAJECTORY ANALYSIS
WEIGHT ANALYSIS

PREFLIGHT OPERATIONS

GS PREFLIGHT OPERATIONS

AIRCRAFT RUNUP
COUNTDOWN
RT CREW PROCEDURES (PREFLIGHT)
GROUND TESTS
∞ OPERATIONS
PRELAUNCH TESTS
REFUELING

PREFOCUSING

GS FOCUSING
PREFOCUSING
RT ∞ OPTICS

PREFORMS

RT BLANKS
COMPOSITE MATERIALS
MOLDS
POWDER METALLURGY

PREGNANCY

RT BIRTH

PREHEATERS

USE HEATING EQUIPMENT

PREHEATING

USE HEATING

PREIMPREGNATION

RT FILAMENT WINDING
PULTRUSION

PREJUDICES

RT ECONOMICS
IRRATIONALITY
MANAGEMENT
∞ PROPERTIES
PSYCHOLOGY

PRELAUNCH PROBLEMS

RT COUNTDOWN
∞ PROBLEMS
RELIABILITY
SPACECRAFT RELIABILITY

PRELAUNCH SUMMARIES

GS SUMMARIES
PRELAUNCH SUMMARIES
RT MISSION PLANNING
POSTLAUNCH REPORTS
SPACECRAFT LAUNCHING

PRELAUNCH TESTS

GS GROUND TESTS
PRELAUNCH TESTS
STATIC FIRING
NONDESTRUCTIVE TESTS
PRELAUNCH TESTS
STATIC FIRING
RT CAPTIVE TESTS
COLD FLOW TESTS
COUNTDOWN
CREW PROCEDURES (PREFLIGHT)
ENGINE TESTS
LAUNCHING
MISSILE TESTS
PREFIRING TESTS
PREFLIGHT OPERATIONS
SPACECRAFT MAINTENANCE
STATIC TESTS
TEST FIRING
TEST STANDS
∞ TESTS

PRELOADING

USE PRESTRESSING

PREMATURE OPERATION

RT ∞ OPERATIONS
PREPARATION

PREMIXED FLAMES

GS FLAMES
PREMIXED FLAMES
RT CARBURETORS
FLAME PROPAGATION
GAS MIXTURES
MIXING
PREMIXING

PREMIXING

GS MIXING
PREMIXING
RT FUEL-AIR RATIO
FUELS
GAS MIXTURES
HOMOGENIZING
IGNITION
JET MIXING FLOW
PREMIXED FLAMES
SPRAYING

PREPARATION

GS PREPARATION
PRECONDITIONING
PRETREATMENT
PRESTRESSING
PREWHIRLING
PREWHITENING
RT ASSEMBLING
PREMATURE OPERATION
∞ PRIMING

PREPOLYMERS

GS PREPOLYMERS
DIMERS
TRIMERS
RT MONOMERS
∞ POLYMERS

PREPREGS

RT COMPOSITE MATERIALS
EPOXY RESINS
LAMINATES
RESIN MATRIX COMPOSITES

NASA THESAURUS (VOLUME 1)

PREPROCESSING

RT DATA PROCESSING
DATA REDUCTION
IMAGE PROCESSING

PRESBYOPIA

RT VISION

PRESELECTORS

USE PREAMPLIFIERS

PRESENTATION

RT INFORMATION

PRESERVATIVES

RT ADDITIVES
∞ AGENTS
ANTICOAGULANTS
ANTIOXIDANTS
NEUTRALIZERS
PENETRANTS
PRESERVING
RETARDANTS
STABILIZERS (AGENTS)

PRESERVING

GS FOOD PROCESSING
PRESERVING
RT BIOPAKS
∞ CONTAINERS
CORROSION PREVENTION
COVERINGS
CURING
DEGRADATION
DEHYDRATED FOOD
∞ FOOD
FREEZE DRYING
FREEZING
FROZEN FOODS
IMPREGNATING
IRRADIATION
PACKAGING
PRESERVATIVES
RADIATION EFFECTS
REFRIGERATING
∞ STORAGE
WEATHERPROOFING

PRESIDENTIAL REPORTS

GS DOCUMENTS
PRESIDENTIAL REPORTS
REPORTS
PRESIDENTIAL REPORTS
RT CONGRESSIONAL REPORTS
PAPERS
RECORDS

PRESINTERING

USE SINTERING

PRESSES

GS PRESSES
RAMS (PRESSES)
RT COMPACTING
HAMMERS
MACHINE TOOLS
PLATENS
∞ PRESSING
PRESSING (FORMING)
PUNCHES
TOOLS

∞ PRESSING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COLD PRESSING
COMPACTING
COMPRESSING
HOT PRESSING
PLATENS
PRESSES
PRESSING (FORMING)

PRESSING (FORMING)

GS FORMING TECHNIQUES
PRESSING (FORMING)
BLANKING (CUTTING)
COINING
STAMPING
RT COLD PRESSING
COMPACTING
EXTRUDING
FORGING

PRESSING (FORMING)-(CONT.)

HOT PRESSING
METAL WORKING
MOLDS
PRESSES
∞ PRESSING
PULTRUSION
SIZING (SHAPING)
UPSETTING

PRESSORS

USE VASOCONSTRICTOR DRUGS

PRESSURE

UF SURFACE PRESSURE
GS **PRESSURE**
ATMOSPHERIC PRESSURE
BASE PRESSURE
BLOOD PRESSURE
DIASTOLIC PRESSURE
HYPERTENSION
HYPOTENSION
SYSTOLIC PRESSURE
CRITICAL PRESSURE
DENSIFICATION
DIFFERENTIAL PRESSURE
DYNAMIC PRESSURE
FLUID PRESSURE
WATER PRESSURE
GAS PRESSURE
GEOPRESSURE
HIGH PRESSURE
IMPACT LOADS
INLET PRESSURE
INTERNAL PRESSURE
INTRACRANIAL PRESSURE
INTRAOCULAR PRESSURE
ISOSTATIC PRESSURE
LOW PRESSURE
HIGH ALTITUDE PRESSURE
MIDDLE EAR PRESSURE
OVERPRESSURE
PARTIAL PRESSURE
OXYGEN TENSION
HYPOXEMIA
RADIATION PRESSURE
ELECTRON PRESSURE
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
SOUND PRESSURE
STAGNATION PRESSURE
STATIC PRESSURE
HYDROSTATIC PRESSURE
SUPERCRITICAL PRESSURES
THRUST CHAMBER PRESSURE
TRANSIENT PRESSURES
TRANSITION PRESSURE
VACUUM
HIGH VACUUM
LOW VACUUM
ULTRAHIGH VACUUM
VAPOR PRESSURE
WALL PRESSURE
WIND PRESSURE
RT BARORECEPTORS
BLAST LOADS
CENTER OF PRESSURE
COMPRESSING
EAR PRESSURE TEST
ELASTIC WAVES
ENVIRONMENTS
∞ FORCE
FUEL TANK PRESSURIZATION
GIBBS-HELMHOLTZ EQUATIONS
HEAD (FLUID MECHANICS)
HIGH PRESSURE OXYGEN
IMPACT
IMPACT LOADS
ISOBARS (PRESSURE)
LOADS (FORCES)
NEWTON PRESSURE LAW
OSMOSIS
PRESSURE BREATHING
PRESSURE BROADENING
PRESSURE CHAMBERS
PRESSURE DISTRIBUTION
PRESSURE DRAG
∞ PRESSURE DROP
PRESSURE EFFECTS
PRESSURE GAGES
PRESSURE GRADIENTS
PRESSURE HEADS
PRESSURE ICE

PRESSURE-(CONT.)

PRESSURE MEASUREMENT
PRESSURE MODULATOR RADIOMETERS
PRESSURE OSCILLATIONS
PRESSURE PULSES
PRESSURE RATIO
PRESSURE RECORDERS
PRESSURE RECOVERY
PRESSURE REDUCTION
PRESSURE SENSORS
PRESSURE SUITS
PRESSURE VESSEL DESIGN
PRESSURE VESSELS
PRESSURE WELDING
PRESSURIZED CABINS
PRESSURIZED WATER REACTORS
PRESSURIZING
TEMPERATURE INVERSIONS
TRANSIENT PRESSURES
VACUUM CHAMBERS
WEIGHT (MASS)

PRESSURE BREATHING

GS RESPIRATION
RT **PRESSURE BREATHING**
EMERGENCY BREATHING TECHNIQUES
LIQUID BREATHING
PRESSURE
STRESS (PHYSIOLOGY)

PRESSURE BROADENING

RT LINE SPECTRA
PRESSURE
SPECTROSCOPY

PRESSURE CABINS

USE PRESSURIZED CABINS

PRESSURE CHAMBERS

GS COMPARTMENTS
TEST CHAMBERS
PRESSURE CHAMBERS
HYPERBARIC CHAMBERS
VACUUM CHAMBERS
RT AIR LOCKS
∞ CHAMBERS
ENCLOSURES
PRESSURE
PRESSURIZED CABINS
WIND TUNNEL DRIVES

PRESSURE DEPENDENCE

RT BURNING RATE
HYDROSTATIC PRESSURE
REACTION KINETICS

PRESSURE DISTRIBUTION

UF PRESSURE FIELDS
GS DISTRIBUTION (PROPERTY)
PRESSURE DISTRIBUTION
RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC LOADS
AERODYNAMIC STABILITY
CENTER OF PRESSURE
DIFFERENTIAL PRESSURE
∞ DISTRIBUTION
FIELD THEORY (PHYSICS)
INFLUENCE COEFFICIENT
INTERNAL PRESSURE
ISOBARS (PRESSURE)
LIFT
LOADING MOMENTS
LOADS (FORCES)
MANOMETERS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
NEWTON PRESSURE LAW
PRESSURE
∞ PRESSURE DROP
SHOCK WAVE PROFILES
SPANWISE BLOWING
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THEODORSEN TRANSFORMATION
THRUST DISTRIBUTION
VELOCITY DISTRIBUTION
VERTICAL DISTRIBUTION
WALL PRESSURE

PRESSURE DRAG

GS DYNAMIC CHARACTERISTICS
DRAG
PRESSURE DRAG
SUPersonic DRAG
WAVE DRAG

PRESSURE DRAG-(CONT.)

INTERFERENCE DRAG
RT AERODYNAMIC DRAG
FRICTION DRAG
PRESSURE

∞ PRESSURE DROP

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT FLUID POWER
FRICTION
GAS FLOW
HEAD FLOW
INLET FLOW
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE GRADIENTS
PRESSURE OSCILLATIONS
PRESSURE REDUCTION
TWO PHASE FLOW

PRESSURE EFFECTS

RT BETA FACTOR
COMPRESSIBILITY EFFECTS
∞ EFFECTS
JET BLAST EFFECTS
LOADS (FORCES)
NONISOTHERMAL PROCESSES
PRESSURE
SUCTION
TEMPERATURE EFFECTS
TEMPERATURE INVERSIONS
TRANSITION PRESSURE
VACUUM EFFECTS
WIND EFFECTS

PRESSURE FIELDS

USE PRESSURE DISTRIBUTION

PRESSURE GAGES

UF BOMBS (PRESSURE GAGES)
GS MEASURING INSTRUMENTS
PRESSURE GAGES
BAROMETERS
MANOMETERS
OSMOMETERS
PIEZOELECTRIC GAGES
PIEZOMETERS
VACUUM GAGES
IONIZATION GAGES
ALPHATRONS
BAYARD-ALPERT IONIZATION
GAGES
PENNING GAGES
PHILIPS IONIZATION GAGES
KNUDSEN GAGES
MCLEOD GAGES
PIRANI GAGES
RT ∞ BOMBS
BOURDON TUBES
FLOWMETERS
HYPOMETERS
PRESSURE
SHOCK MEASURING INSTRUMENTS
STRAIN GAGE ACCELEROMETERS
STRAIN GAGE BALANCES
STRAIN GAGES
WEIGHT INDICATORS

PRESSURE GRADIENTS

GS GRADIENTS
PRESSURE GRADIENTS
RT ATMOSPHERIC PRESSURE
BATHY THERMOGRAPHS
CRITICAL FLOW
DIFFERENTIAL PRESSURE
FLUID BOUNDARIES
FLUID FLOW
FRICTION FACTOR
GEOPRESSURE
HYDRODYNAMICS
HYDROSTATICS
INLET PRESSURE
ISOBARS (PRESSURE)
KNUDSEN FLOW
LIQUID FLOW
LIQUID-LIQUID INTERFACES
LIQUID-VAPOR INTERFACES
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
POTENTIAL GRADIENTS
PRESSURE
∞ PRESSURE DROP

PRESSURE HEADS

PRESSURE GRADIENTS-(CONT)

RANKINE-HUGONOT RELATION
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUCTION
SUPERCRITICAL FLOW
UNIFORM FLOW
UNSTEADY FLOW
VENTURI TUBES

PRESSURE HEADS

UF HEAD (PRESSURE)
GS FLUID FLOW
HEAD (FLUID MECHANICS)
PRESSURE HEADS
RT CENTER OF PRESSURE
ELEVATION
FLUID FLOW
∞ HYDRAULICS
HYDRODYNAMICS
HYDROSTATIC PRESSURE
HYDROSTATICS
LIQUID FLOW
PRESSURE

PRESSURE ICE

UF PRESSURE RIDGES
GS ICE
SEA ICE
PRESSURE ICE
RT COLD WEATHER
FREEZING
ICE FORMATION
LOW TEMPERATURE
OCEAN CURRENTS
PRESSURE
TIDES
WIND (METEOROLOGY)
WINTER

PRESSURE MEASUREMENT

UF TONOMETRY
GS MECHANICAL MEASUREMENT
PRESSURE MEASUREMENT
RT BAROMETERS
BOURDON TUBES
DIFFERENTIAL PRESSURE
FLOW MEASUREMENT
FLOWMETERS
IONIZATION GAGES
KNUDSEN GAGES
MANOMETERS
MCLEOD GAGES
∞ MEASUREMENT
NOISE METERS
PHILIPS IONIZATION GAGES
PIRANI GAGES
PITOT TUBES
PNEUMATIC PROBES
PRESSURE
VACUUM
VACUUM GAGES
VELOCITY
VELOCITY MEASUREMENT
VENTURI TUBES
WEIGHT INDICATORS
WIND TUNNEL CALIBRATION
WIND TUNNEL TESTS

PRESSURE MODULATOR RADIOMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
PRESSURE MODULATOR RADIOMETERS
RT INFRARED RADIOMETERS
PRESSURE

PRESSURE OSCILLATIONS

GS OSCILLATIONS
PRESSURE OSCILLATIONS
RT COMBUSTION STABILITY
FLAME PROPAGATION
PRESSURE
∞ PRESSURE DROP
TURBULENT FLOW

PRESSURE PROBES

USE PRESSURE SENSORS

PRESSURE PULSES

GS PULSES
PRESSURE PULSES

PRESSURE PULSES-(CONT)

RT BLAST LOADS
FLAME PROPAGATION
PRESSURE
SHOCK WAVES

PRESSURE RATIO

GS RATIOS
PRESSURE RATIO
RT FUEL-AIR RATIO
LIFT DRAG RATIO
MASS RATIOS
PAYLOAD MASS RATIO
PRESSURE
PROPELLANT MASS RATIO
STRESS RATIO
THRUST-WEIGHT RATIO

PRESSURE RECORDERS

GS RECORDING INSTRUMENTS
PRESSURE RECORDERS
RT PRESSURE

PRESSURE RECOVERY

RT ∞ DIFFUSERS
EXPLOSIVE DECOMPRESSION
FLUID AMPLIFIERS
INLET PRESSURE
PRESSURE
∞ RECOVERY

PRESSURE REDUCTION

UF BLEED-OFF
DECOMPRESSION
DEFLATING
DEPRESSURIZATION
GS **PRESSURE REDUCTION**
EXPLOSIVE DECOMPRESSION
RT ∞ BLEEDING
COMPRESSING
GAS EXPANSION
INFLATING
PRESSURE
∞ PRESSURE DROP
∞ REDUCTION

PRESSURE REGULATORS

GS CONTROL EQUIPMENT
PRESSURE REGULATORS
REGULATORS
PRESSURE REGULATORS
VALVES
AUTOMATIC CONTROL VALVES
PRESSURE REGULATORS
RT CONTROLLERS
FLOW REGULATORS
FUEL TANK PRESSURIZATION
OXYGEN REGULATORS
PRESSURIZING
RELIEF VALVES

PRESSURE RIDGES

USE PRESSURE ICE

PRESSURE SENSORS

UF PRESSURE PROBES
PRESSURE TRANSDUCERS
GS TRANSDUCERS
PRESSURE SENSORS
BOURDON TUBES
RT ELECTROACOUSTIC WAVES
PIEZOELECTRIC GAGES
PRESSURE
QUARTZ TRANSDUCERS
∞ RAKES
SHOCK WAVE GENERATORS
TRANSIENT PRESSURES
TRANSIENT RESPONSE
ULTRASONIC WAVE TRANSDUCERS

PRESSURE SUITS

GS CLOTHING
PROTECTIVE CLOTHING
PRESSURE SUITS
SPACE SUITS
SUITS
PRESSURE SUITS
SPACE SUITS
RT FLIGHT CLOTHING
HELMETS
INFLATABLE STRUCTURES
LIFE SUPPORT SYSTEMS
PORTABLE LIFE SUPPORT SYSTEMS
PRESSURE
SAFETY DEVICES

PRESSURE SWITCHES

GS CONTROL EQUIPMENT
PRESSURE SWITCHES
SWITCHES
PRESSURE SWITCHES
RT ELECTRIC SWITCHES

PRESSURE TRANSDUCERS

USE PRESSURE SENSORS

PRESSURE VESSEL DESIGN

GS STRUCTURAL DESIGN
PRESSURE VESSEL DESIGN
RT ∞ DESIGN
PERFORATED SHELLS
PRESSURE
SHELLS (STRUCTURAL FORMS)

PRESSURE VESSELS

GS **PRESSURE VESSELS**
PREBURNERS
RT ACCUMULATORS
AUTOCLAVES
BELLS
BOILERS
BULBS
BURST TESTS
∞ CONTAINERS
DOMES (STRUCTURAL FORMS)
FUEL TANK PRESSURIZATION
FUEL TANKS
HEMISPHERE CYLINDER BODIES
ISOTENSOID STRUCTURES
PRESSURE
PROPELLANT TANKS
REACTOR MATERIALS
SHALLOW SHELL EQUATIONS
SPHERICAL TANKS
STORAGE TANKS
TANKS (CONTAINERS)
∞ VESSELS
WALL PRESSURE
WIND TUNNEL WALLS

PRESSURE WAVES

USE ELASTIC WAVES

PRESSURE WELDING

GS WELDING
PRESSURE WELDING
DIFFUSION WELDING
EXPLOSIVE WELDING
ULTRASONIC WELDING
RT ARC WELDING
ELECTRIC WELDING
FLASH WELDING
FRICTION WELDING
FUSION WELDING
GAS WELDING
PRESSURE
SPOT WELDS

PRESSURIZED CABINS

UF PRESSURE CABINS
GS COMPARTMENTS
PRESSURIZED CABINS
RT AIRCRAFT COMPARTMENTS
CABIN ATMOSPHERES
∞ CABINS
COCKPITS
EMERGENCY LIFE SUSTAINING
SYSTEMS
ENVIRONMENTAL CONTROL
ESCAPE CAPSULES
EXPLOSIVE DECOMPRESSION
LIFE SUPPORT SYSTEMS
OXYGEN SUPPLY EQUIPMENT
PRESSURE
PRESSURE CHAMBERS
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT CABINS

PRESSURIZED WATER REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL
REACTOR
RT NUCLEAR POWER REACTORS
PRESSURE

PRESSURIZING

GS **PRESSURIZING**
FUEL TANK PRESSURIZATION

PRESSURIZING-(CONT)

RT ACCUMULATORS
DENSIFICATION
EXPULSION
EXPULSION BLADDERS
GAS GENERATORS
GAS INJECTION
INFLATING
PRESSURE
PRESSURE REGULATORS
STIMULATION

PRESTON TUBES

USE PITOT TUBES
SPEED INDICATORS

PRESTRaining

USE PRESTRESSING

PRESTRESSING

UF PRELOADING
PRESTRaining
PRETWISTING
GS PREPARATION
PRETREATMENT
PRESTRESSING
RT ELASTIC DEFORMATION
ISOTENSOID STRUCTURES
STRESSES
STRUCTURAL STRAIN

PRETESTS

USE TESTS

PRETREATMENT

GS PREPARATION
PRETREATMENT
PRESTRESSING
RT PREVENTION
∞ PRIMING

PRETWISTING

USE PRESTRESSING
TWISTING

PREVAPORIZATION

GS PHASE TRANSFORMATIONS
VAPORIZING
PREVAPORIZATION
RT FLASHING (VAPORIZING)
GASES
VAPOR PHASES
VAPORS
VOLATILITY

PREVENTION

GS PREVENTION
ACCIDENT PREVENTION
CORROSION PREVENTION
FIRE PREVENTION
ICE PREVENTION
RT BLOCKING
ETIOLOGY
∞ INHIBITION
POLLUTION
PREEMPTING
PRETREATMENT
PROTECTION
∞ REDUCTION
∞ RESISTANCE
RETARDING
SABOTAGE
SAFETY
STOPPING

PREWHIRLING

GS PREPARATION
PREWHIRLING

PREWHITENING

GS PREPARATION
PREWHITENING
RT COLOR
∞ TREATMENT

PRIBRAM METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
PRIBRAM METEORITE
RT BOLIDES
METEOR TRAILS

PRIMARY BATTERIES

SN (NON-RECHARGEABLE BATTERIES)
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
ALKALINE BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
THERMAL BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
SODIUM SULFUR BATTERIES
THERMAL BATTERIES
RT CHARGE EFFICIENCY
ELECTROLYTES
NONAQUEOUS ELECTROLYTES
STORAGE BATTERIES
WET CELLS

PRIMARY COSMIC RAYS

UF HEAVY COSMIC RAY PRIMARIES
GS EXTRATERRESTRIAL RADIATION
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
IONIZING RADIATION
COSMIC RAYS
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
PARTICLES
CORPUSCULAR RADIATION
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
RT COSMIC RAY ALBEDO
HEAVY NUCLEI
SECONDARY COSMIC RAYS

PRIMATES

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
APES
CHIMPANZEES
BABOONS
HUMAN BEINGS
MONKEYS

∞ PRIMERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ENGINE PRIMERS
PRIMERS (COATINGS)
PRIMERS (EXPLOSIVES)

PRIMERS (COATINGS)

GS COATINGS
PROTECTIVE COATINGS
PRIMERS (COATINGS)
RT DOPES
FILLERS
FINISHES
LACQUERS
METAL COATINGS
PAINTS
∞ PRIMERS
SPRAYED COATINGS
SUBSTRATES
VARNISHES

PRIMERS (EXPLOSIVES)

GS EXPLOSIVE DEVICES
INITIATORS (EXPLOSIVES)
PRIMERS (EXPLOSIVES)
IGNITERS
INITIATORS (EXPLOSIVES)
PRIMERS (EXPLOSIVES)
RT CAPS (EXPLOSIVES)
DETONATION
DETONATORS
EXPLODING WIRES
PERCUSSION
∞ PRIMERS
SQUIBS

∞ PRIMING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COATING
COATINGS
INITIATION
PREPARATION
PRETREATMENT
STARTING

PRIMITIVE EARTH ATMOSPHERE

GS EARTH ATMOSPHERE
PRIMITIVE EARTH ATMOSPHERE
RT ∞ ATMOSPHERES
ATMOSPHERIC COMPOSITION
ATMOSPHERIC ELECTRICITY
ATMOSPHERIC MODELS
EARTH PLANETARY STRUCTURE
FREE ATMOSPHERE
PLANETARY ATMOSPHERES

PRIMITIVE EQUATIONS

RT ATMOSPHERIC BOUNDARY LAYER
CLIMATOLOGY
∞ EQUATIONS
EULER EQUATIONS OF MOTION
FLUID DYNAMICS
∞ MATHEMATICS

PRINCE EDWARD ISLAND

GS LANDFORMS
ISLANDS
PRINCE EDWARD ISLAND
NATIONS
CANADA
PRINCE EDWARD ISLAND

PRINCE WILLIAM SOUND (AK)

GS SOUNDS (TOPOGRAPHIC FEATURES)
PRINCE WILLIAM SOUND (AK)
RT ALASKA

PRINCETON SAILWINGS

USE SAILWINGS

PRINCIPAL COMPONENTS ANALYSIS

RT IMAGE PROCESSING
IMAGING TECHNIQUES
KARHUNEN-LOEVE EXPANSION
PATTERN RECOGNITION

∞ PRINCIPLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DUALITY PRINCIPLE
∞ LOGIC
∞ MATHEMATICS

PRINTED CIRCUITS

GS CIRCUITS
PRINTED CIRCUITS
LARGE SCALE INTEGRATION
MEDIUM SCALE INTEGRATION
RT BREADBOARD MODELS
CIRCUIT BOARDS
ELECTRONIC PACKAGING
HYBRID CIRCUITS
INTEGRATED CIRCUITS
MINIATURE ELECTRONIC EQUIPMENT
MINIATURIZATION
PHOTOMASKS
SUBMINIATURIZATION
THICK FILMS
TRANSISTOR CIRCUITS

PRINTED RESISTORS

GS ATTENUATORS
RESISTORS
RT PRINTED RESISTORS
MINIATURIZATION

PRINTERS

GS PRINTERS
PRINTERS (DATA PROCESSING)
TELEPRINTERS
RT CATHODE RAY TUBES
DATA PROCESSING EQUIPMENT
PLOTTERS
PRINTING
PROJECTORS
TYPEWRITERS

PRINTERS (DATA PROCESSING)

PRINTERS (DATA PROCESSING)

GS DATA PROCESSING EQUIPMENT
AUXILIARY EQUIPMENT (COMPUTERS)
PRINTERS (DATA PROCESSING)
PRINTERS
PRINTERS (DATA PROCESSING)
RT AUTOMATIC TYPEWRITERS
COMPUTERS
∞ DATA
DISPLAY DEVICES
PRINTOUTS
READOUT
TELEPRINTERS

PRINTING

GS **PRINTING**
LITHOGRAPHY
PHOTOLITHOGRAPHY
RT BINDING
CONTRAST
ELECTRONOGRAPHY
ENGRAVING
INKS
LEGIBILITY
PHOTOENGRAVING
PHOTOGRAPHIC PROCESSING
PHOTOMECHANICAL EFFECT
PLOTING
PRINTERS
READING
REPRODUCTION (COPYING)
STENCIL PROCESSES

PRINTOUTS

RT FORMAT
LISTS
OUTPUT
PRINTERS (DATA PROCESSING)
READOUT
TABLES (DATA)

PRIORITIES

RT ENGINEERING MANAGEMENT
PROJECT PLANNING
RESEARCH MANAGEMENT
RESOURCE ALLOCATION
SEQUENCING

PRISMATIC BARS

GS BARS
PRISMATIC BARS
OPTICAL EQUIPMENT
PRISMS
PRISMATIC BARS

PRISMS

GS OPTICAL EQUIPMENT
PRISMS
PRISMATIC BARS
RT PHOTOELASTICITY
REFRACTION

PRIVACY

RT COMPUTER INFORMATION SECURITY
INFORMATION
INFORMATION DISSEMINATION
INTEGRITY
PAPERS
RECORDING
RECORDS
SECURITY

PRIVATE AIRCRAFT

USE GENERAL AVIATION AIRCRAFT

PROBABILITY

USE PROBABILITY THEORY

PROBABILITY DENSITY FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
WEIBULL DENSITY FUNCTIONS
STATISTICAL ANALYSIS
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
WEIBULL DENSITY FUNCTIONS
RT BINOMIAL THEOREM
CENSORED DATA (MATHEMATICS)
CONTINUITY (MATHEMATICS)

PROBABILITY DENSITY FUNCTIONS-(CONT)

DISCRETE FUNCTIONS
EVENTS
EXPECTANCY HYPOTHESIS
EXPONENTIAL FUNCTIONS
FAILURE ANALYSIS
GAS DENSITY
MILLS RATIO
QUANTILES

PROBABILITY DISTRIBUTION FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
PROBABILITY DISTRIBUTION FUNCTIONS
STATISTICAL ANALYSIS
PROBABILITY DISTRIBUTION FUNCTIONS
STATISTICAL DISTRIBUTIONS
PROBABILITY DISTRIBUTION FUNCTIONS
RT DISCRETE FUNCTIONS
GOODNESS OF FIT

PROBABILITY THEORY

UF PROBABILITY
STATISTICAL PROBABILITY
RT ∞ APPLICATIONS OF MATHEMATICS
BINOMIAL THEOREM
BOREL SETS
COMBINATORIAL ANALYSIS
CONFIDENCE
∞ CONJUNCTION
CONSECUTIVE EVENTS
CONTINUUMS
CORRELATION
DECISION THEORY
DISTRIBUTION FUNCTIONS
DUFFING DIFFERENTIAL EQUATION
EINSTEIN EQUATIONS
ERGODIC PROCESS
ERROR ANALYSIS
EVENTS
EXTREMUM VALUES
FORECASTING
FUZZY SYSTEMS
GAME THEORY
GOODNESS OF FIT
∞ INDICATION
INFINITY
INFORMATION THEORY
ITERATION
LIKELIHOOD RATIO
MARTINGALES
∞ MATHEMATICS
MAXWELL-BOLTZMANN DENSITY
FUNCTION
MINKOWSKI SPACE
MONTE CARLO METHOD
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
POPULATION THEORY
QUALITY CONTROL
RANDOM ERRORS
RANDOM NOISE
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
∞ STATISTICS
STIELTJES INTEGRAL
STOCHASTIC PROCESSES
SUBGROUPS
SYSTEM IDENTIFICATION
∞ THEORIES
TRANSITION PROBABILITIES
TRAVELING SALESMAN PROBLEM
UNIQUENESS THEOREM

PROBE METHOD (FORECASTING)

GS FORECASTING
TECHNOLOGICAL FORECASTING
PROBE METHOD (FORECASTING)
MANAGEMENT METHODS
PROBE METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
∞ METHODOLOGY
OPERATIONS RESEARCH
PATTERN METHOD (FORECASTING)
PLANNING
PREDICTIONS
PROFILE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

NASA THESAURUS (VOLUME 1)

∞ PROBES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT GALILEO PROBE
GAS DETECTORS
MEASURING INSTRUMENTS
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER BUS
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
RADIO PROBING
REMOTE SENSORS
SONDES
SPACE PROBES
TRANSDUCERS

PROBLEM SOLVING

GS **PROBLEM SOLVING**
ASYMPTOTIC METHODS
ITERATIVE SOLUTION
THEOREM PROVING
RT APPROXIMATION
BACKWARD DIFFERENCING
COMPUTATIONAL GRIDS
CRANK-NICHOLSON METHOD
DECISION MAKING
DINING PHILOSOPHERS PROBLEM
EXISTENCE THEOREMS
GROUP DYNAMICS
HOMOTROPY
HOUSEHOLDER TRANSFORMATIONS
ITERATION
LEARNING THEORY
MANAGEMENT
MAZE LEARNING
∞ METHODOLOGY
SIMPLEX METHOD
∞ SOLUTION

∞ PROBLEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOLZA PROBLEMS
BOUNDARY VALUE PROBLEMS
CAUCHY PROBLEM
CHAPMAN-FERRARO PROBLEM
DIRICHLET PROBLEM
FOUR BODY PROBLEM
ISOPERIMETRIC PROBLEM
MANY BODY PROBLEM
MAYER PROBLEM
NEUMANN PROBLEM
OPERATIONAL PROBLEMS
POINCARÉ PROBLEM
PRELAUNCH PROBLEMS
THREE BODY PROBLEM
TRACKING PROBLEM
TRAVELING SALESMAN PROBLEM
TWO BODY PROBLEM

PROCEDURES

UF METHODS
PRACTICES
GS **PROCEDURES**
BOUNDARY INTEGRAL METHOD
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
FINITE ELEMENT METHOD
FINITE VOLUME METHOD
GLIMM METHOD
OPTICAL CORRECTION PROCEDURE
PANEL METHOD (FLUID DYNAMICS)
RT PROCUREMENT POLICY
SYSTEMS ANALYSIS

PROCEEDINGS

USE CONFERENCES

PROCESS CONTROL (INDUSTRY)

RT COMPONENT RELIABILITY
∞ CONTROL
PRODUCT DEVELOPMENT
QUALITY CONTROL
SAMPLING
SPECIFICATIONS

PROCESS HEAT		PRODUCT DEVELOPMENT-(CONT)		PRODUCTION PLANNING-(CONT)	
GS	HEAT	∞ DESIGN		RT	PRODUCTION PLANNING SCHEDULES
RT	PROCESS HEAT HEAT GENERATION	∞ DEVELOPMENT			
∞ PROCESSES		ENGINE DESIGN		PRODUCTIVITY	
SN	<i>(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)</i>	FUNCTIONAL DESIGN SPECIFICATIONS		RT	AIRCRAFT PRODUCTION COSTS
RT	AUTOREGRESSIVE PROCESSES	HELICOPTER DESIGN			ALLOWANCES
	ISENTROPIC PROCESSES	INVENTIONS			EFFICIENCY
	JET MEMBRANE PROCESS	LENS DESIGN			MATRIX MANAGEMENT
	KRAFT PROCESS (WOODPULP)	MANAGEMENT			MORALE
	NONISENTROPICITY	MARKET RESEARCH			PRODUCTION ENGINEERING
	NONISOTHERMAL PROCESSES	MARKETING			RELIABILITY
	ORNSTEIN-UHLENBECK PROCESS	PATENT APPLICATIONS			WORKSTATIONS
	PRODUCT DEVELOPMENT	PATENT POLICY			
	QUALITY CONTROL	PILOT PLANTS		PRODUCTS	
	SOL-GEL PROCESSES	PROCESS CONTROL (INDUSTRY)		GS	PRODUCTS
	SPACE INDUSTRIALIZATION	∞ PROCESSES			GROSS NATIONAL PRODUCT
	UMKLAPP PROCESS	∞ PRODUCTION			PETROLEUM PRODUCTS
∞ PROCESSING		PRODUCTION ENGINEERING			ASPHALT
SN	<i>(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)</i>	QUALITY			GREASES
RT	ASSOCIATIVE PROCESSING	QUALITY CONTROL			TARS
	(COMPUTERS)	REACTOR DESIGN			REACTION PRODUCTS
	BATCH PROCESSING	RELIABILITY		RT	BY-PRODUCTS
	DATA PROCESSING	SATELLITE DESIGN			COMBUSTION PRODUCTS
	FOOD PROCESSING	SOLVENT REFINED COAL			COMMODITIES
	IMAGE PROCESSING	SPACE INDUSTRIALIZATION			FISSION PRODUCTS
	MANUFACTURING	SPACECRAFT DESIGN			MANUFACTURING
	MATERIALS RECOVERY	STANDARDIZATION			OUTPUT
	MESSAGE PROCESSING	STRUCTURAL DESIGN			PROCUREMENT MANAGEMENT
	NUCLEAR FUEL REPROCESSING				PRODUCTION ENGINEERING
	OPTICAL DATA PROCESSING	∞ PRODUCTION			QUALITY CONTROL
	PHOTOGRAPHIC PROCESSING	SN			RESOURCE ALLOCATION
	PRODUCTION ENGINEERING	<i>(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)</i>			SERVICES
	RECYCLING	RT			SPACE INDUSTRIALIZATION
	REFINING	AIRCRAFT PRODUCTION		PROFICIENCY	
	RETORT PROCESSING	FUEL PRODUCTION		USE	ABILITIES
	SETTLING	OUTPUT			
	SIGNAL PROCESSING	PRODUCT DEVELOPMENT		PROFILE METHOD (FORECASTING)	
	WET SPINNING	PRODUCTION ENGINEERING		GS	FORECASTING
PROCESSORS (COMPUTERS)		PRODUCTION PLANNING			TECHNOLOGICAL FORECASTING
USE	CENTRAL PROCESSING UNITS	RESERVES			PROFILE METHOD (FORECASTING)
		TOOLS			MANAGEMENT METHODS
PROCUREMENT					PROFILE METHOD (FORECASTING)
GS	PROCUREMENT	PRODUCTION COSTS			DELPHI METHOD (FORECASTING)
	GOVERNMENT PROCUREMENT	GS			ESTIMATING
	LEASING	AIRCRAFT PRODUCTION COSTS			∞ METHODOLOGY
RT	CONTRACTS	RT			OPERATIONS RESEARCH
	EQUIPMENT SPECIFICATIONS	COST ANALYSIS			PLANNING
	GOVERNMENT/INDUSTRY RELATIONS	COST ESTIMATES			PREDICTIONS
∞ RECEIVING		DESIGN TO COST			PROBE METHOD (FORECASTING)
SERVICES		LIFE CYCLE COSTS			TECHNOLOGY ASSESSMENT
SPECIFICATIONS		OPERATING COSTS			
SUBCONTRACTS					
PROCUREMENT MANAGEMENT		PRODUCTION ENGINEERING		∞ PROFILES	
GS	MANAGEMENT	UF		SN	<i>(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)</i>
	PROCUREMENT MANAGEMENT	GS			
RT	ALLOCATIONS	PRODUCTION METHODS		RT	AIRFOIL PROFILES
	BUDGETING	PRODUCTION ENGINEERING			ANGLES (GEOMETRY)
∞ BUDGETS		PRODUCTION PLANNING			CURVATURE
COMMODITIES		RT			DELINEATION
FEDERAL BUDGETS		AIRCRAFT PRODUCTION			DISTRIBUTION (PROPERTY)
FINANCIAL MANAGEMENT		AIRCRAFT PRODUCTION COSTS			GEOMETRY
INVENTORY MANAGEMENT		∞ CAPACITY			GRADIENTS
PRODUCTS		ENGINEERING			LINE SHAPE
SERVICES		HUMAN FACTORS ENGINEERING			PLANFORMS
		LASER APPLICATIONS			PROFILOMETERS
		MANAGEMENT			SEARCH PROFILES
		NUMERICAL CONTROL			SHAPES
		∞ OPERATIONS			SHOCK WAVE PROFILES
		PLANNING			SLOPES
		∞ PROCESSING			STREAMLINING
		PRODUCT DEVELOPMENT			TOPOGRAPHY
		∞ PRODUCTION			WIND PROFILES
		PRODUCTIVITY			
		PRODUCTS		PROFILOMETERS	
		SCHEDULING		GS	MEASURING INSTRUMENTS
		STANDARDIZATION			PROFILOMETERS
PRODUCTION MANAGEMENT				RT	∞ PROFILES
GS	MANAGEMENT	PRODUCTION ENGINEERING			ROUGHNESS
	PRODUCTION MANAGEMENT	UF			SHAPES
RT	AIRCRAFT PRODUCTION COSTS	GS			SURFACE PROPERTIES
	EMPLOYEE RELATIONS	PRODUCTION METHODS			SURFACE ROUGHNESS
	ESTIMATES	PRODUCTION ENGINEERING		PROGENY	
	FABRICATION	USE		RT	CHILDREN
	INDUSTRIAL MANAGEMENT	PRODUCTION ENGINEERING			REPRODUCTION (BIOLOGY)
	MANUFACTURING			PROGNOSIS	
	QUALITY CONTROL	PRODUCTION PLANNING		RT	DIAGNOSIS
	RELIABILITY	GS			
	RESOURCES	PLANNING		PROGNOZ SATELLITES	
	SAFETY MANAGEMENT	MANAGEMENT PLANNING		GS	SATELLITES
PRODUCTION METHODS		PRODUCTION PLANNING			ARTIFICIAL SATELLITES
USE	PRODUCTION ENGINEERING	PRODUCTION ENGINEERING			
PRODUCTION PLANNING					
GS	PLANNING				
	MANAGEMENT PLANNING				
	PRODUCTION PLANNING				
	PRODUCTION ENGINEERING				

PROGRAM MANAGEMENT

PROGNOZ SATELLITES-(CONT) SOVIET SATELLITES PROGNOZ SATELLITES

PROGRAM MANAGEMENT USE PROJECT MANAGEMENT

PROGRAM TREND LINE ANALYSIS RT CRITICAL PATH METHOD MANAGEMENT PLANNING PERT PROGRAMS PROJECT MANAGEMENT

PROGRAM VERIFICATION (COMPUTERS) RT CHECKOUT COMPUTER PROGRAMMING FILE MAINTENANCE (COMPUTERS) PROVING SOFTWARE TOOLS SYSTEMS ANALYSIS ∞ TESTS

PROGRAMMED INSTRUCTION GS PROGRAMMED INSTRUCTION COMPUTER ASSISTED INSTRUCTION RT COMPILERS COMPUTER PROGRAMMING COMPUTER PROGRAMS

PROGRAMMERS GS PERSONNEL PROGRAMMERS RT CODERS COMPUTER PROGRAMMING FILE MAINTENANCE (COMPUTERS)

∞ PROGRAMMING SN *(USE OF A MORE SPECIFIC TERMS IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)* RT COMPUTER PROGRAMMING DYNAMIC PROGRAMMING FILE MAINTENANCE (COMPUTERS) LINEAR PROGRAMMING MATHEMATICAL PROGRAMMING MICROPROGRAMMING MULTIPROGRAMMING NONLINEAR PROGRAMMING QUADRATIC PROGRAMMING

PROGRAMMING (SCHEDULING) GS PROGRAMMING (SCHEDULING) THRUST PROGRAMMING RT CRITICAL PATH METHOD ∞ STEPS

PROGRAMMING LANGUAGES GS LANGUAGES PROGRAMMING LANGUAGES ALGOL APL (PROGRAMMING LANGUAGE) ASSEMBLY LANGUAGE AUTOCODERS COMPASS (PROGRAMMING LANGUAGE) MAP (PROGRAMMING LANGUAGE) BASIC (PROGRAMMING LANGUAGE) COBOL COGO (PROGRAMMING LANGUAGE) CONTEXT FREE LANGUAGES FORTRAN HAL/S (LANGUAGE) HIGH LEVEL LANGUAGES LISP (PROGRAMMING LANGUAGE) MACHINE ORIENTED LANGUAGES MARVS (PROGRAMMING LANGUAGE) SLEUTH (PROGRAMMING LANGUAGE) NATURAL LANGUAGE (COMPUTERS) PASCAL (PROGRAMMING LANGUAGE) PL/1 RT COMPUTER PROGRAMMING

PROGRAMS GS PROGRAMS ACEE PROGRAM ARMY-NAVY INSTRUMENTATION PROGRAM COMSAT PROGRAM DEFENSE PROGRAM DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM

PROGRAMS-(CONT)

GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
GARP ATLANTIC TROPICAL
EXPERIMENT
GULLIVER PROGRAM
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
LUNAR PROGRAMS
APOLLO PROJECT
SURVEYOR PROJECT
MACHINE-INDEPENDENT PROGRAMS
NASA PROGRAMS
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
ASSESS PROGRAM
ATLIT PROJECT
BIOASTRONAUTICAL ORBITAL SPACE
SYSTEM
CENTAUR PROJECT
DAST PROGRAM
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
ECHO PROJECT
GALILEO PROJECT
GEMINI PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARINER PROGRAM
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
PIONEER PROJECT
PROJECT SETI
QUIET ENGINE PROGRAM
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCOUT PROJECT
SKYLAB PROGRAM
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TACT PROGRAM
TEKTITE PROJECT
TERMINAL CONFIGURED VEHICLE
PROGRAM
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
NASA SPACE PROGRAMS
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
CENTAUR PROJECT
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
ECHO PROJECT
GALILEO PROJECT
GEMINI PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARINER PROGRAM
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
PIONEER PROJECT
PROJECT SETI
QUIET ENGINE PROGRAM
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT

PROGRAMS-(CONT)

SCOUT PROJECT
SKYLAB PROGRAM
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TEKTITE PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
PANT PROGRAM
PROJECTS
ADVENT PROJECT
AGRISTARS PROJECT
ALARM PROJECT
APOLLO PROJECT
APOLLO SOYUZ TEST PROJECT
ARGUS PROJECT
ASSET PROJECT
ATLIT PROJECT
BIG SHOT PROJECT
BIOS PROJECT
BUMBLEBEE PROJECT
CENTAUR PROJECT
DEFENDER PROJECT
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
ECHO PROJECT
ECLIPSE PROJECT
EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ
GALILEO PROJECT
GEMINI PROJECT
GEOSARI PROJECT
HARVARD RADIO METEOR PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NEW MOONS PROJECT
NIKE PROJECT
NIMBUS PROJECT
ORBITER PROJECT
PIONEER PROJECT
PROJECT SETI
RADIO ATTENUATION MEASUREMENT
PROJECT
RAND PROJECT
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCANNER PROJECT
SCOUT PROJECT
SEAFARER PROJECT
SQUID PROJECT
SUBMARINE INTEGRATED CONTROL
PROJECT
SUCCESS PROJECT
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TELSTAR PROJECT
THEMIS PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
WEST FORD PROJECT
RADAR TARGET SCATTER SITE
PROGRAM
SOURCE PROGRAMS
SPACE PROGRAMS
BRAZILIAN SPACE PROGRAM
CANADIAN SPACE PROGRAM
CHINESE SPACE PROGRAM
EUROPEAN SPACE PROGRAMS
FRENCH SPACE PROGRAMS
GEOGRAPHIC APPLICATIONS
PROGRAM
INDIAN SPACE PROGRAM
INDONESIAN SPACE PROGRAM
ITALIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
SAUDI ARABIAN SPACE PROGRAM
SWEDISH SPACE PROGRAM
SWISS SPACE PROGRAM
U S S R SPACE PROGRAM
UK SPACE PROGRAM
STARSITE PROGRAM
TRAP PROGRAM
UNIVERSITY PROGRAM
BUREAUS (ORGANIZATIONS)

PROGRAMS-(CONT)

COMMITTEE ON SPACE RESEARCH
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
DAST PROGRAM
EARTH RESOURCES INFORMATION
SYSTEM
INVESTIGATION
MISSION PLANNING
∞ MISSIONS
∞ OPERATIONS
PROGRAM TREND LINE ANALYSIS
RESEARCH AND DEVELOPMENT
∞ RESEARCH PROJECTS
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SOLAR MAXIMUM MISSION
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
USER MANUALS (COMPUTER
PROGRAMS)

PROGRESS

RT ECONOMICS
MANAGEMENT
PLANNING
∞ PROPERTIES

PROGRESSIONS

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
PROGRESSIONS
REAL VARIABLES
SERIES (MATHEMATICS)
PROGRESSIONS

PROHIBITION

RT LEGAL LIABILITY
PENALTIES
POLICIES
REGULATIONS

PROJECT MANAGEMENT

UF PROGRAM MANAGEMENT
GS MANAGEMENT
PROJECT MANAGEMENT
RT COMMERCE
CONTRACT MANAGEMENT
CRITICAL PATH METHOD
GERT
INTERFACES
MANAGEMENT PLANNING
MANAGEMENT SYSTEMS
MISSION PLANNING
PERT
PROGRAM TREND LINE ANALYSIS
PROJECTS
RESEARCH AND DEVELOPMENT
∞ RESEARCH PROJECTS
WEAPON SYSTEM MANAGEMENT

PROJECT PLANNING

GS PLANNING
MANAGEMENT PLANNING
PROJECT PLANNING
RT ALLOCATIONS
BUDGETING
DECISIONS
ESTIMATES
FORECASTING
GOALS
MANAGEMENT
MATRIX MANAGEMENT
∞ MISSIONS
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PRIORITIES
PROJECTS

PROJECT SETI

UF SEARCH FOR EXTRATERRESTRIAL
INTELLIGENCE
SETI
GS PROGRAMS
NASA PROGRAMS
PROJECT SETI
NASA SPACE PROGRAMS
PROJECT SETI
PROJECTS
PROJECT SETI
RT EXTRATERRESTRIAL INTELLIGENCE
RADIO COMMUNICATION
RADIO SIGNALS

PROJECTILE CRATERING

UF HYPERVELOCITY CRATERING
GS CRATERING
PROJECTILE CRATERING
RT EJECTA
HYPERVELOCITY IMPACT
HYPERVELOCITY PROJECTILES
METEORITE CRATERS
METEORITIC DAMAGE
METEOROID HAZARDS

PROJECTILE PENETRATION

USE TERMINAL BALLISTICS

PROJECTILES

GS **PROJECTILES**
HYPERVELOCITY PROJECTILES
PRECISION GUIDED PROJECTILES
SABOT PROJECTILES
RT AMMUNITION
BALLISTICS
BOMBS (ORDNANCE)
CARTRIDGES
FINNED BODIES
GUNFIRE
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
NUCLEAR WEAPONS
PYROTECHNICS
SHAPED CHARGES
SHRAPNEL
TERMINAL BALLISTICS
TERRADYNAMICS
WARHEADS
WEAPONS

∞ **PROJECTION**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BONNE PROJECTION
DESCRIPTIVE GEOMETRY
DRAWINGS
FORECASTING
GNOMONIC PROJECTION
GRAPHIC ARTS
ILLUMINATING
MAGNIFICATION
PREDICTIONS
PROJECTORS
TRENDS

PROJECTIVE GEOMETRY

GS GEOMETRY
EUCLIDEAN GEOMETRY
PROJECTIVE GEOMETRY
MERCATOR PROJECTION
RT ANALYTIC GEOMETRY
DESCRIPTIVE GEOMETRY
GNOMONIC PROJECTION
RECIPROCAL THEOREMS

PROJECTORS

SN (LIGHT AND IMAGE)
RT BEACONS
ILLUMINATING
LUMINAIRES
MOTION PICTURES
PHOTOGRAMMETRY
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHY
PRINTERS
∞ PROJECTION
SEARCHLIGHTS

PROJECTS

GS PROGRAMS
PROJECTS
ADVENT PROJECT
AGRISTARS PROJECT
ALARM PROJECT
APOLLO PROJECT
APOLLO SOYUZ TEST PROJECT
ARGUS PROJECT
ASSET PROJECT
ATLIT PROJECT
BIG SHOT PROJECT
BIOS PROJECT
BUMBLEBEE PROJECT
CENTAUR PROJECT
DEFENDER PROJECT
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
ECHO PROJECT
ECLIPSE PROJECT

PROJECTS-(CONT)

EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ
GALILEO PROJECT
GEMINI PROJECT
GEOSARI PROJECT
HARVARD RADIO METEOR PROJECT
HELIOS PROJECT
JUPITER PROJECT
MARS 89 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NEW MOONS PROJECT
NIKE PROJECT
NIMBUS PROJECT
ORBITER PROJECT
PIONEER PROJECT
PROJECT SETI
RADIO ATTENUATION MEASUREMENT
PROJECT
RAND PROJECT
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCANNER PROJECT
SCOUT PROJECT
SEAFARER PROJECT
SQUID PROJECT
SUBMARINE INTEGRATED CONTROL
PROJECT
SUCCESS PROJECT
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TELSTAR PROJECT
THEMIS PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VOYAGER PROJECT
WEST FORD PROJECT
RT BUREAUS (ORGANIZATIONS)
CONTRACTS
ESTIMATING
∞ MISSIONS
∞ OPERATIONS
PROJECT MANAGEMENT
PROJECT PLANNING
∞ RESEARCH PROJECTS
TASKS
TEAMS

PROLATE SPHEROIDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
SPHEROIDS
PROLATE SPHEROIDS
RT OBLATE SPHEROIDS

PROLATENESS

RT SHAPES

PROLONGATION

GS EXTENSIONS
PROLONGATION
RT TIME

PROMETHAZINE

GS AMINES
PROMETHAZINE
DRUGS
ANTIHISTAMINICS
PROMETHAZINE
HETEROCYCLIC COMPOUNDS
PROMETHAZINE

PROMETHIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
PROMETHIUM
PROMETHIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
PROMETHIUM
PROMETHIUM ISOTOPES

PROMETHIUM ISOTOPES

UF PROMETHIUM 146
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PROMETHIUM ISOTOPES

PROMETHIUM ISOTOPES-(CONT)

RARE EARTH ELEMENTS
PROMETHIUM
PROMETHIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
PROMETHIUM
PROMETHIUM ISOTOPES

PROMETHIUM 146
USE PROMETHIUM ISOTOPES

PROMINENCES
GS **PROMINENCES**
SOLAR PROMINENCES
RT SOLAR ACTIVITY

PROMOTION
RT DISPLAY DEVICES
INCREASING
PUBLIC RELATIONS
UPGRADING

PRONE POSITION
RT REST
SITTING POSITION
SUPINE POSITION

PRONY SERIES
GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
PRONY SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
PRONY SERIES

PROOFS
USE PROVING

PROP-FAN TECHNOLOGY
RT PROPELLER BLADES
PROPELLER EFFICIENCY
PROPELLER FANS
TURBOPROP ENGINES

PROPROPAGATION
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
UF PROPAGATORS
RT ACOUSTIC PROPAGATION
ATTENUATION
CRACK PROPAGATION
DIFFRACTION PROPAGATION
DIFFUSION
ELECTROMAGNETIC RADIATION
FLAME PROPAGATION
PROPAGATION (EXTENSION)
SELF PROPAGATION
STRESS PROPAGATION
TRANSEQUATORIAL PROPAGATION
TRANSMISSION
WAVE PROPAGATION

PROPAGATION (EXTENSION)
GS **PROPAGATION (EXTENSION)**
CRACK PROPAGATION
FLAME PROPAGATION
RT **PROPROPAGATION**

PROPAGATION MODES
GS **MODES**
PROPAGATION MODES
RT ANTIPODES
CIRCULAR WAVEGUIDES
ELECTROMAGNETIC SURFACE WAVES
MODE TRANSFORMERS
MULTIMODE RESONATORS
PROPAGATION VELOCITY
SHOCK WAVE INTERACTION
WAVE INTERACTION
WAVE PROPAGATION
WAVEGUIDES

PROPAGATION VELOCITY
GS RATES (PER TIME)
PROPAGATION VELOCITY
VELOCITY
PROPAGATION VELOCITY
RT ELECTROMAGNETIC RADIATION
GROUP VELOCITY
PHASE VELOCITY
PROPAGATION MODES

PROPAGATION VELOCITY-(CONT)

WAVE PROPAGATION

PROPAGATORS
USE PROPAGATION

PROPANE
GS ALIPHATIC COMPOUNDS
ALKANES
PROPANE
HYDROCARBONS
ALKANES
PROPANE
RT CYCLOPROPANE
HYDROCARBON FUELS
NITROPROPANE

PROPARGYL GROUPS
GS ORGANIC COMPOUNDS
PROPARGYL GROUPS
RT ETHERS
GETTERS
PHENYLS

PROPELLENT ACTUATED DEVICES
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT EJECTION SEATS
EXPLOSIVE DEVICES
PROPELLENT ACTUATED INSTRUMENTS
ROCKET ENGINES

PROPELLENT ACTUATED INSTRUMENTS
RT ACTUATORS
CONTROLLERS
PROPELLENT ACTUATED INSTRUMENTS
MEASURING INSTRUMENTS
PROPELLENT ACTUATED DEVICES

PROPELLENT ADDITIVES
GS ADDITIVES
PROPELLENT ADDITIVES
PROPELLENT BINDERS
SOLID ROCKET BINDERS
RT ANTIAGING ADDITIVES
ANTIOXIDANTS
CATALYSTS
COMPOSITE PROPELLENTS
CORROSION PREVENTION
GELLED PROPELLENTS
INHIBITORS
PLASTICIZERS
STORABLE PROPELLENTS

PROPELLENT BINDERS
GS ADDITIVES
PROPELLENT ADDITIVES
PROPELLENT BINDERS
SOLID ROCKET BINDERS
BINDERS (MATERIALS)
PROPELLENT BINDERS
SOLID ROCKET BINDERS
RT COMPOSITE PROPELLENTS
ROCKET PROPELLENTS
SOLID PROPELLENTS

PROPELLENT CASTING
GS CASTINGS
PROPELLENT CASTING
FORMING TECHNIQUES
CASTING
PROPELLENT CASTING

PROPELLENT CHEMISTRY
RT **PROPELLENT CHEMISTRY**
SOLID PROPELLENT COMBUSTION
THERMOCHEMISTRY

PROPELLENT COMBUSTION
GS COMBUSTION
PROPELLENT COMBUSTION
SOLID PROPELLENT COMBUSTION
SOLID PROPELLENT IGNITION
RT AXIAL MODES
COMBUSTION EFFICIENCY
COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HYDROCARBON COMBUSTION
IGNITION
METAL COMBUSTION
VELOCITY COUPLING

PROPELLENT DECOMPOSITION

GS DECOMPOSITION
PROPELLENT DECOMPOSITION
RT ENDOTHERMIC FUELS
FUEL CORROSION
INHIBITORS
MONOPROPELLANTS
STORABLE PROPELLANTS

PROPELLENT EVAPORATION
GS PHASE TRANSFORMATIONS
VAPORIZING
EVAPORATION
PROPELLENT EVAPORATION
RT EVAPORATIVE COOLING
STORABLE PROPELLANTS

PROPELLENT EXPLOSIONS
RT DETONATION
IMPLOSIONS
ROCKET ENGINES

PROPELLENT GRAINS
RT BURNING RATE
PROPELLENT GRAINS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

PROPELLENT MASS RATIO
GS RATIOS
MASS RATIOS
PROPELLENT MASS RATIO
RT PAYLOAD MASS RATIO
PRESSURE RATIO
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
SPECIFIC IMPULSE
STAGE SEPARATION

PROPELLENT OXIDIZERS
USE ROCKET OXIDIZERS

PROPELLENT PROPERTIES
GS **PROPELLENT PROPERTIES**
PROPELLENT SENSITIVITY
PROPELLENT STORABILITY
RT CHEMICAL PROPERTIES
ELASTIC PROPERTIES
MECHANICAL PROPERTIES
PROPELLENT PROPERTIES
PHYSICAL PROPERTIES
PROPELLENT PROPERTIES
THERMODYNAMIC PROPERTIES

PROPELLENT SENSITIVITY
GS PROPELLENT PROPERTIES
PROPELLENT SENSITIVITY
SENSITIVITY
PROPELLENT SENSITIVITY
RT IGNITION TEMPERATURE
IMPACT RESISTANCE
SHOCK RESISTANCE
SPONTANEOUS COMBUSTION
STORABLE PROPELLANTS

PROPELLENT SPRAYS
RT FUEL INJECTION
FUEL SPRAYS
LIQUID INJECTION
LIQUID ROCKET PROPELLANTS
SPRAYERS

PROPELLENT STORABILITY
GS PROPELLENT PROPERTIES
PROPELLENT STORABILITY
RT FUEL CORROSION
INHIBITORS
STORABLE PROPELLANTS

PROPELLENT STORAGE
GS CONSUMABLES (SPACECRAFT)
PROPELLENT STORAGE
RT EXPULSION BLADDERS
FUEL TANK PRESSURIZATION
FUEL TANKS
GROUND SUPPORT EQUIPMENT
HANDLING EQUIPMENT
MISSILE STORAGE
ROCKET PROPELLANTS
SPACE STORAGE
STORABLE PROPELLANTS
PROPELLENT STORAGE
UNDERGROUND STORAGE

PROPELLANT TANKS

UF ROCKET PROPELLANT TANKS
 GS TANKS (CONTAINERS)
PROPELLANT TANKS
 RT CYLINDRICAL TANKS
 EXPULSION BLADDERS
 EXTERNAL TANKS
 FLUID FILLED SHELLS
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 LIQUID FILLED SHELLS
 LIQUID PROPELLANT ROCKET ENGINES
 LIQUID SLOSHING
 PRESSURE VESSELS
 SPHERICAL TANKS
 STORAGE TANKS
 TANK GEOMETRY
 ULLAGE

PROPELLANT TESTS

RT COLD FLOW TESTS
 CORROSION TESTS
 ENGINE TESTS
 FUEL TESTS
 INTERIOR BALLISTICS
 ∞ MATERIALS TESTS
 MISSILE TESTS
 PROPULSIVE EFFICIENCY
 STABILITY TESTS
 ∞ TESTS

PROPELLANT TRANSFER

GS FLUID FLOW
 FUEL FLOW
PROPELLANT TRANSFER
 MATERIALS HANDLING
PROPELLANT TRANSFER
 RT FUEL CONTROL
 FUEL SYSTEMS
 LIQUID SLOSHING
 REFUELING

PROPELLANTS

GS **PROPELLANTS**
 COLLOIDAL PROPELLANTS
 DOUBLE BASE PROPELLANTS
 DOUBLE BASE ROCKET
 PROPELLANTS
 GELLED PROPELLANTS
 GELLED ROCKET PROPELLANTS
 GUN PROPELLANTS
 HIGH ENERGY PROPELLANTS
 DOMINO PROPELLANTS
 HIGH TEMPERATURE PROPELLANTS
 HYBRID PROPELLANTS
 HYDRAZINE NITROFORM
 HYDROGEN AZIDES
 NITRASOL EXPLOSIVES
 PENTOLITE
 RDX
 ROCKET PROPELLANTS
 GASEOUS ROCKET PROPELLANTS
 LIQUID ROCKET PROPELLANTS
 CRYOGENIC ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYPERGOLIC ROCKET
 PROPELLANTS
 MONOPROPELLANTS
 AEROZINE
 RP-1 ROCKET PROPELLANTS
 SLURRY PROPELLANTS
 NITRAMINE PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET
 PROPELLANTS
 METAL PROPELLANTS
 TAGN
 TATB
 SOLID PROPELLANTS
 CASE BONDED PROPELLANTS
 COMPOSITE PROPELLANTS
 NITRAMINE PROPELLANTS
 PLASTIC PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET
 PROPELLANTS
 HTPB PROPELLANTS
 METAL PROPELLANTS
 STORABLE PROPELLANTS
 RP-1 ROCKET PROPELLANTS
 TETRYL
 RT AMMUNITION
 ASCENT PROPULSION SYSTEMS
 AUXILIARY PROPULSION
 BALLISTICS

PROPELLANTS-(CONT)

BURNING RATE
 CARTRIDGES
 ∞ ENERGY SOURCES
 EXPLOSIVES
 FUEL TANKS
 FUELS
 FULMINATES
 GUNS (ORDNANCE)
 INCENDIARY AMMUNITION
 ∞ POWER SUPPLIES
 PROPULSION
 SPACECRAFT POWER SUPPLIES
 SPACECRAFT PROPULSION
 SPECIFIC IMPULSE
 TORPEDOES

PROPELLER BLADES

GS AIRFOILS
PROPELLER BLADES
 RT BLADE TIPS
 ∞ BLADES
 FAN BLADES
 FEATHERING
 PROP-FAN TECHNOLOGY
 PROPELLERS
 ROTARY WINGS
 SYNCHROPHASING

PROPELLER DRIVE

GS MECHANICAL DRIVES
PROPELLER DRIVE
 RT CONTRAROTATING PROPELLERS
 MARINE PROPULSION
 PROPELLERS
 UNDERWATER PROPULSION

PROPELLER EFFICIENCY

GS EFFICIENCY
 PROPULSIVE EFFICIENCY
PROPELLER EFFICIENCY
 RT CONTRAROTATING PROPELLERS
 POWER EFFICIENCY
 PROP-FAN TECHNOLOGY
 PROPELLERS

PROPELLER FANS

GS PROPELLERS
PROPELLER FANS
 RT DUCTED FANS
 ∞ FANS
 LIFT FANS
 PROP-FAN TECHNOLOGY

PROPELLER SLIPSTREAMS

GS WAKES
 AIRCRAFT WAKES
 SLIPSTREAMS
PROPELLER SLIPSTREAMS
 TURBULENT WAKES
 SLIPSTREAMS
PROPELLER SLIPSTREAMS
 RT INTERFERENCE DRAG

PROPELLERS

GS **PROPELLERS**
 CONTRAROTATING PROPELLERS
 PROPELLER FANS
 SHROUDED PROPELLERS
 TILTED PROPELLERS
 VARIABLE PITCH PROPELLERS
 RT ACTUATOR DISKS
 FEATHERING
 PROPELLER BLADES
 PROPELLER DRIVE
 PROPELLER EFFICIENCY
 SHIPS

∞ PROPERTIES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 ∞ ATTRIBUTES
 ∞ ACOUSTIC PROPERTIES
 ∞ BIODEGRADABILITY
 ∞ CHEMICAL PROPERTIES
 ∞ CREEP PROPERTIES
 ∞ DIELECTRIC PROPERTIES
 ∞ DYNAMIC CHARACTERISTICS
 ∞ ELECTRICAL PROPERTIES
 ∞ ELECTROMAGNETIC PROPERTIES
 ∞ HYGRAL PROPERTIES
 ∞ MACROSCOPIC EQUATIONS
 ∞ MAGNETIC PROPERTIES
 ∞ MATERIALS SCIENCE

PROPERTIES-(CONT)

MECHANICAL PROPERTIES
 OPTICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 PLASTIC PROPERTIES
 POROSITY
 PREJUDICES
 PROGRESS
 PROPELLANT PROPERTIES
 PROXIMITY
 RECOVERABILITY
 REGULARITY
 SHEAR PROPERTIES
 STRUCTURAL PROPERTIES (GEOLOGY)
 SURFACE PROPERTIES
 TENSILE PROPERTIES
 THERMOCHEMICAL PROPERTIES
 THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
 TRANSPORT PROPERTIES
 TURBIDITY
 VIRTUAL PROPERTIES

PROPHYLAXIS

RT DISEASES
 IMMUNOLOGY

PROPIONIC ACID

GS ACIDS
 FATTY ACIDS
 CARBOXYLIC ACIDS
PROPIONIC ACID
 ALIPHATIC COMPOUNDS
 FATTY ACIDS
PROPIONIC ACID
 LIPIDS
PROPIONIC ACID
 ORGANIC COMPOUNDS
 FATTY ACIDS
PROPIONIC ACID

PROPORTION

RT DISTRIBUTING
 RATIOS

PROPORTIONAL CONTROL

GS AUTOMATIC CONTROL
PROPORTIONAL CONTROL
 RT ∞ CONTROL
 CONTROL EQUIPMENT
 FEEDBACK CONTROL
 OFF-ON CONTROL
 SERVOCONTROL

PROPORTIONAL COUNTERS

GS IONIZATION CHAMBERS
PROPORTIONAL COUNTERS
 MEASURING INSTRUMENTS
 COUNTERS
 RADIATION COUNTERS
PROPORTIONAL COUNTERS
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
PROPORTIONAL COUNTERS
 RT DOSIMETERS
 GEIGER COUNTERS
 NEUTRON COUNTERS

PROPORTIONAL LIMIT

UF ELASTIC STRENGTH
 GS MECHANICAL PROPERTIES
 ELASTIC PROPERTIES
PROPORTIONAL LIMIT
 RANGE (EXTREMES)
PROPORTIONAL LIMIT
 RT CRITICAL LOADING
 MODULUS OF ELASTICITY
 STRESS-STRAIN DIAGRAMS

PROPRIOCEPTION

UF KINESIS
 GS PERCEPTION
 SENSORY PERCEPTION
PROPRIOCEPTION
 AUTOKINESIS
 RT KINESIS

PROPRIOCEPTORS

GS ANATOMY
 SENSE ORGANS
PROPRIOCEPTORS
 RECEPTORS (PHYSIOLOGY)
PROPRIOCEPTORS
 RT BARORECEPTORS
 NERVOUS SYSTEM

PROPULSION**PROPRIOCEPTORS-(CONT)**
SENSITOMETRY**PROPULSION**

GS **PROPULSION**
ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
CHEMICAL PROPULSION
HYBRID PROPULSION
DESCENT PROPULSION SYSTEMS
ELECTRIC PROPULSION
ELECTROMAGNETIC PROPULSION
ELECTROSTATIC PROPULSION
ION PROPULSION
LASER PROPULSION
PLASMA PROPULSION
SOLAR ELECTRIC PROPULSION
JET PROPULSION
LOW THRUST PROPULSION
ELECTROMAGNETIC PROPULSION
ELECTROSTATIC PROPULSION
ION PROPULSION
MAN OPERATED PROPULSION SYSTEMS
PHOTONIC PROPULSION
PLASMA PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION
MARINE PROPULSION
UNDERWATER PROPULSION
SUBMARINE PROPULSION
NUCLEAR PROPULSION
NUCLEAR ELECTRIC PROPULSION
SPACECRAFT PROPULSION
ELECTROMAGNETIC PROPULSION
MASS DRIVERS (PAYLOAD DELIVERY)
ELECTROSTATIC PROPULSION
ION PROPULSION
PHOTONIC PROPULSION
PLASMA PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION
RT AERONAUTICAL ENGINEERING
∞ AIRCRAFT
∞ ASTRONAUTICS
∞ DRIVES
ENGINES
EXHAUST GASES
FUEL TANK PRESSURIZATION
FUEL TANKS
HIGH IMPULSE
LOCOMOTION
MISSILES
POST BOOST PROPULSION SYSTEM
PROPELLANTS
PROPULSIVE EFFICIENCY
PULLING
PUSHING
ROCKET PROPELLANTS
SOLAR SAILS
SPACE FLIGHT
SPACE SHUTTLE MAIN ENGINE
SPACE TUGS
THRUST

PROPULSION SYSTEM CONFIGURATIONS

GS **PROPULSION SYSTEM CONFIGURATIONS**
ASCENT PROPULSION SYSTEMS
DESCENT PROPULSION SYSTEMS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
AUXILIARY PROPULSION
∞ CONFIGURATIONS
LASER PROPULSION
LAUNCH VEHICLE CONFIGURATIONS
MISSILE CONFIGURATIONS
POST BOOST PROPULSION SYSTEM
SPACECRAFT CONFIGURATIONS
∞ SYSTEMS
TOPPING CYCLE ENGINES

PROPULSION SYSTEM PERFORMANCE

RT COLD FLOW TESTS
COMBUSTION EFFICIENCY
∞ PERFORMANCE
POWER EFFICIENCY
PROPELLANT MASS RATIO
PROPULSIVE EFFICIENCY
ROCKET THRUST
SOLAR THERMAL PROPULSION
SPECIFIC IMPULSE

PROPULSION SYSTEM PERFORMANCE-(CONT)
∞ SYSTEMS
THERMODYNAMIC EFFICIENCY**PROPULSIVE EFFICIENCY**

GS EFFICIENCY
PROPULSIVE EFFICIENCY
PROPELLER EFFICIENCY
RT COMBUSTION EFFICIENCY
ENGINE TESTS
LASER PROPULSION
MULTISTAGE ROCKET VEHICLES
NOZZLE EFFICIENCY
POWER EFFICIENCY
PROPELLANT MASS RATIO
PROPELLANT TESTS
PROPULSION
PROPULSION SYSTEM PERFORMANCE
SPECIFIC IMPULSE
THERMODYNAMIC EFFICIENCY
THRUST PROGRAMMING

PROPYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
PROPYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS

PROPYL NITRATE

GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
PROPYL NITRATE
NITRATE ESTERS
PROPYL NITRATE
ESTERS
NITRATE ESTERS
PROPYL NITRATE
NITROGEN COMPOUNDS
NITRATE ESTERS
PROPYL NITRATE

PROPYLENE

GS ALIPHATIC COMPOUNDS
ALKENES
PROPYLENE
HYDROCARBONS
ALKENES
PROPYLENE

PROPYLENE OXIDE

GS EPOXY COMPOUNDS
PROPYLENE OXIDE

PROSPECTING

USE EXPLORATION

PROSTAGLANDINS

GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
PROSTAGLANDINS
RT BIOSYNTHESIS
ORGANIC COMPOUNDS
PROSTATE GLAND

PROSTATE GLAND

GS ANATOMY
GENITOURINARY SYSTEM
PROSTATE GLAND
GLANDS (ANATOMY)
ENDOCRINE GLANDS
PROSTATE GLAND
SEX GLANDS
PROSTATE GLAND
VISCERA
ENDOCRINE GLANDS
PROSTATE GLAND
SEX GLANDS
PROSTATE GLAND
RT BLADDER
PROSTAGLANDINS

PROSTHETIC DEVICES

GS MEDICAL EQUIPMENT
PROSTHETIC DEVICES
ARTIFICIAL EARS
RT WALKING MACHINES

PROTACTINIUM

GS CHEMICAL ELEMENTS
PROTACTINIUM
PROTACTINIUM ISOTOPES
METALS
PROTACTINIUM
PROTACTINIUM ISOTOPES

NASA THESAURUS (VOLUME 1)**PROTACTINIUM COMPOUNDS**

GS **PROTACTINIUM COMPOUNDS**
PROTACTINIUM FLUORIDES
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

PROTACTINIUM FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
PROTACTINIUM FLUORIDES
HALIDES
METAL HALIDES
PROTACTINIUM FLUORIDES
PROTACTINIUM COMPOUNDS
PROTACTINIUM FLUORIDES

PROTACTINIUM ISOTOPES

UF PROTACTINIUM 234
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
PROTACTINIUM ISOTOPES
PROTACTINIUM
PROTACTINIUM ISOTOPES
METALS
PROTACTINIUM
PROTACTINIUM ISOTOPES

PROTACTINIUM 234

USE PROTACTINIUM ISOTOPES

PROTEASE

GS ENZYMES
PROTEASE

PROTECTION

GS **PROTECTION**
ACCELERATION PROTECTION
CIRCUIT PROTECTION
CORROSION PREVENTION
ENVIRONMENT PROTECTION
EYE PROTECTION
METEOROID PROTECTION
RADIATION PROTECTION
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
THERMAL PROTECTION
RT ACCIDENT PREVENTION
AIRPORT SECURITY
CIVIL DEFENSE
COATINGS
COUNTERMEASURES
FLYING EJECTION SEATS
HAZARDS
HOUSINGS
INSULATION
PREVENTION
PROTECTORS
∞ RESISTANCE
SAFETY
SAFETY DEVICES
SHIELDING
WARNING
WARNING SYSTEMS

PROTECTIVE CLOTHING

GS CLOTHING
PROTECTIVE CLOTHING
HELMETS
PRESSURE SUITS
SPACE SUITS
VAPOR BARRIER CLOTHING
RT ARMOR
CHEMICAL DEFENSE
COVERALLS
EMERGENCY LIFE SUSTAINING SYSTEMS
FLIGHT CLOTHING
GLOVES
GOGGLES
MASKS
SAFETY DEVICES
SHOES

PROTECTIVE COATINGS

UF CERAMAL PROTECTIVE COATINGS
SPRAYED PROTECTIVE COATINGS
GS COATINGS
PROTECTIVE COATINGS
ANODIC COATINGS
CERAMIC COATINGS
PRIMERS (COATINGS)
REFRACTORY COATINGS

PROTECTIVE COATINGS-(CONT)

RT ALKYD RESINS
ANODIZING
CLADDING
∞ CONSTRUCTION MATERIALS
CORROSION
DESENSITIZING
ELECTROPLATING
ENCAPSULATING
FINISHES
GLASS COATINGS
GLAZES
GOLD COATINGS
INORGANIC COATINGS
LACQUERS
METAL COATINGS
NICKEL COATINGS
PAINTS
PLASTIC COATINGS
PLATING
RUBBER COATINGS
SPRAYED COATINGS
SURFACE FINISHING
TRANSGRANULAR CORROSION
VARNISHES
WATERPROOFING
ZINC COATINGS

PROTECTORS

GS **PROTECTORS**
EAR PROTECTORS
RT BUMPERS
∞ CONTAINERS
ENCLOSURES
FAIRINGS
HOUSINGS
PROTECTION
SAFETY DEVICES
∞ SCREENS
SHEATHS
SHIELDING

PROTEIN METABOLISM

GS METABOLISM
PROTEIN METABOLISM
LIPID METABOLISM
RT PROTEIN SYNTHESIS
SYNTHETIC FOOD

PROTEIN SYNTHESIS

RT BIOLOGICAL EVOLUTION
CHEMICAL EVOLUTION
PROTEIN METABOLISM

PROTEINOIDS

GS PROTEINS
PROTEINOIDS

PROTEINS

GS **PROTEINS**
ALBUMINS
AMIDASE
ASPARTATES
CARBONIC ANHYDRASE
CARBOXYHEMOGLOBIN
COENZYMES
GLUTATHIONE
ELASTIN
FIBRIN
FIBRINOGEN
GLOBULINS
GAMMA GLOBULIN
GUANINES
KERATINS
LIPOPROTEINS
MELANIN
NUCLEASE
NUCLEOTIDES
ADENINES
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
POLYNUCLEOTIDES
PYRIDINE NUCLEOTIDES
URIDYLIC ACID
OXIDASE
OXYHEMOGLOBIN
PEPTIDES
HYPERTENSIN
POLYPEPTIDES
PROTEINOIDS
PROTOPROTEINS
THROMBIN
RT ADRENOCORTICOTROPIN (ACTH)

PROTEINS-(CONT)

ALANINE
CATALASE
COLLAGENS
CYSTEAMINE
CYSTEINE
∞ FOOD
MYOGLOBIN
∞ NUTRIENTS
PROTOPLASM
SERUMS
SYNTHETIC FOOD

PROTHROMBIN

GS ENZYMES
PROTHROMBIN
RT THROMBIN

PROTIUM

USE LIGHT WATER

PROTOBIOLOGY

RT ∞ BIOLOGY
VIRUSES

PROTOCOL (COMPUTERS)

RT CHANNELS (DATA TRANSMISSION)
COMMUNICATION NETWORKS
COMPUTER NETWORKS
DATA LINKS
DATA PROCESSING
DATA TRANSMISSION
PACKET SWITCHING

PROTON BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
PROTON BEAMS
RT NEUTRON BEAMS

PROTON BELTS

GS EARTH ATMOSPHERE
RADIATION BELTS
PROTON BELTS
PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
PROTON BELTS
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
PROTON BELTS
RT ∞ BELTS
INNER RADIATION BELT
OUTER RADIATION BELT

PROTON DAMAGE

GS DAMAGE
PROTON DAMAGE

PROTON DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
PLASMA DENSITY
SPACE DENSITY

PROTON ENERGY

GS PARTICLE ENERGY
PROTON ENERGY
RT ACTIVATION ENERGY
ELECTRON ENERGY
∞ ENERGY
KINETIC ENERGY
SURFACE ENERGY

PROTON FLUX DENSITY

SN (PROTON EMISSION OR DETECTION
RATE PER UNIT AREA)
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RT IRRADIANCE
RADIANCY
RADIATION COUNTERS

PROTON FLUX DENSITY-(CONT)

SOLAR FLUX DENSITY

PROTON IMPACT

GS IMPACT
PROTON IMPACT
RT ELECTRON IMPACT
POINT IMPACT

PROTON IRRADIATION

GS IRRADIATION
ION IRRADIATION
PROTON IRRADIATION
RT DEUTERON IRRADIATION
ELECTRON RADIATION

PROTON MAGNETIC RESONANCE

GS RESONANCE
MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE

PROTON MASERS

GS STIMULATED EMISSION DEVICES
MASERS
PROTON MASERS
RT MAGNETOMETERS

PROTON PRECESSION

GS GYRATION
PRECESSION
PROTON PRECESSION
RT FREE VIBRATION

PROTON PRECIPITATION

GS PARTICLE PRECIPITATION
PROTON PRECIPITATION
RT AURORAS
ELECTRON PRECIPITATION
PARTICLES
∞ PRECIPITATION
RADIATION BELTS
TRAPPED PARTICLES
UPPER ATMOSPHERE

PROTON PROTUBERANCES

GS PROTUBERANCES
PROTON PROTUBERANCES

PROTON RESONANCE

GS RESONANCE
MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON RESONANCE
RT NUCLEAR PARTICLES

PROTON SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 2 SATELLITE
PROTON 3 SATELLITE
PROTON 4 SATELLITE
RT U S S R SPACE PROGRAM

PROTON SCATTERING

GS NUCLEAR REACTIONS
PROTON SCATTERING
SCATTERING
PROTON SCATTERING
RT ION SCATTERING

PROTON TELESCOPES

USE PARTICLE TELESCOPES

PROTON 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE

PROTON 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 2 SATELLITE

PROTON 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES

PROTON 4 SATELLITE

PROTON 3 SATELLITE-(CONT)

SOVIET SATELLITES
PROTON SATELLITES
PROTON 3 SATELLITE

PROTON 4 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 4 SATELLITE

PROTON-PROTON REACTIONS

GS NUCLEAR REACTIONS
PROTON-PROTON REACTIONS
RT ANNIHILATION REACTIONS
∞ INTERACTIONS
POMERONS
THERMONUCLEAR REACTIONS

PROTONS

GS IONS
PROTONS
SOLAR PROTONS
PARTICLES
CHARGED PARTICLES
PROTONS
RECOIL PROTONS
SOLAR PROTONS
ELEMENTARY PARTICLES
FERMIONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
RT ALPHA PARTICLES
ANTIPROTONS
BARYONS
COSMIC RAYS
DEUTERONS
FLUX DENSITY
HYDROGEN IONS
NUCLEAR PARTICLES
NUCLEI (NUCLEAR PHYSICS)
NUCLEON POTENTIAL
NUCLEONS
POSITIVE IONS
RADIATION BELTS
RADIATION SHIELDING
TRITONS

PROTOPLANETS

UF PLANETISIMALS
GS CELESTIAL BODIES
PROTOPLANETS
RT COSMOLOGY
PLANETARY ENVIRONMENTS
PLANETARY EVOLUTION
PLANETARY MASS
PLANETS
SOLAR ORBITS
SOLAR SYSTEM
STELLAR EVOLUTION

PROTOPLASM

RT PROTEINS

PROTOPLASTS

GS CELLS (BIOLOGY)
PROTOPLASTS

PROTOPROTEINS

GS ACIDS
AMINO ACIDS
PROTOPROTEINS
ORGANIC COMPOUNDS
AMINO ACIDS
PROTOPROTEINS
PROTEINS
PROTOPROTEINS

PROTOSTARS

GS CELESTIAL BODIES
STARS
EARLY STARS
PROTOSTARS
T TAURI STARS
RT STELLAR EVOLUTION
STELLAR MASS ACCRETION

PROTOTYPES

RT BREADBOARD MODELS
∞ PATTERNS
PILOT PLANTS

PROTOZOA

GS ANIMALS
INVERTEBRATES
PROTOZOA
FLAGELLATA
TRYPANOSOME
PARAMECIA
ROTIFERA
PELOMYXA
MICROORGANISMS
PROTOZOA
AMOEBAS
PELOMYXA
FLAGELLATA
TRYPANOSOME
PARAMECIA
ROTIFERA

PROTRACTORS

GS MEASURING INSTRUMENTS
PROTRACTORS
RT ANGLES (GEOMETRY)

PROTUBERANCES

SN (COMPONENTS MOUNTED EXTERNAL TO THE STRUCTURE)
GS PROTUBERANCES
PROTON PROTUBERANCES
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMIC INTERFERENCE
AIRCRAFT ANTENNAS
AIRCRAFT PARTS
AIRFRAMES
∞ BLISTERS
∞ BOWINGS
DOMES (STRUCTURAL FORMS)
EXTERNAL STORE SEPARATION
EXTERNAL STORES
FAIRINGS
FUEL TANKS
HOUSINGS
NACELLES
PAPILLAE
PITOT TUBES
RADOMES
∞ RIDGES
SHELLS (STRUCTURAL FORMS)
VORTEX ALLEVIATION
WING-FUSELAGE STORES
WINGLETS

PROUSTITE

GS ARSENIC COMPOUNDS
ARSENIDES
PROUSTITE
MINERALS
PROUSTITE

PROVIDER AIRCRAFT

USE C-123 AIRCRAFT

PROVING

UF CONFIRMATION
DEMONSTRATION
PROOFS
VALIDATION
VERIFICATION (PROVING)
GS PROVING
THEOREM PROVING
RT ACCEPTABILITY
APPROACH AND LANDING TESTS (STS)
ERROR DETECTION CODES
EVALUATION
EXAMINATION
LUNAR ROVING VEHICLES
MATHEMATICAL LOGIC
∞ MEASUREMENT
PROGRAM VERIFICATION (COMPUTERS)
∞ ROVINGS
∞ TESTS

PROVISIONING

RT CONSUMABLES (SPACECREW SUPPLIES)
∞ FOOD
LIFE SUPPORT SYSTEMS
SPACE RATIONS
STOWAGE (ONBOARD EQUIPMENT)

PROXIMITY

RT DISTANCE
∞ PROPERTIES
TIGHTNESS

PROXIMITY EFFECT (ELECTRICITY)

GS ELECTROMAGNETIC PROPERTIES

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PROXIMITY EFFECT (ELECTRICITY)-(CONT)

ELECTRICAL PROPERTIES
INDUCTANCE
RT ∞ EFFECTS
ELECTRICITY
SUPERCONDUCTORS
VOLT-AMPERE CHARACTERISTICS

PRTR (REACTOR)

USE PLUTONIUM RECYCLE TEST REACTOR

PRUSSIC ACID

USE HYDROCYANIC ACID

PSEUDOMONAS

GS MICROORGANISMS
BACTERIA
PSEUDOMONAS

PSEUDONOISE

RT RANDOM NOISE

PSEUDOPOTENTIALS

GS IMPURITIES
PSEUDOPOTENTIALS
RT IMPURITIES
MELTING
SEMICONDUCTORS (MATERIALS)

PSEUDORANDOM SEQUENCES

RT RANDOM NUMBERS
∞ SIGNALS

PSYCHIATRY

GS MEDICAL SCIENCE
PSYCHIATRY
SOCIAL PSYCHIATRY
RT BRAIN
MILITARY PSYCHOLOGY
PSYCHOLOGY
PSYCHOTHERAPY

PSYCHOACOUSTICS

GS ACOUSTICS
PSYCHOACOUSTICS
PSYCHOLOGY
PSYCHOPHYSICS
PSYCHOACOUSTICS
RT AUDITORY PERCEPTION
AUDITORY SIGNALS
BELLS
BIOACOUSTICS
NOISE INTENSITY
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS

PSYCHOLINGUISTICS

GS LINGUISTICS
PSYCHOLINGUISTICS
RT INTELLIGIBILITY
PHONEMES
PHONEMICS
ROBOTS
SEMANTICS
SYLLABLES
SYNTAX

PSYCHOLOGICAL EFFECTS

GS PSYCHOLOGICAL EFFECTS
DESYNCHRONIZATION (BIOLOGY)
ILLUSIONS
HALLUCINATIONS
MOON ILLUSION
OCULOGRAPHIC ILLUSIONS
OPTICAL ILLUSION
ELEVATOR ILLUSION
JET LAG
RT AFTERIMAGES
AVIATION PSYCHOLOGY
BIOLOGICAL EFFECTS
BOREDOM
COMFORT
CONFIDENCE
DISORIENTATION
∞ EFFECTS
EMOTIONS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
FRUSTRATION
HUMAN FACTORS ENGINEERING
HUMAN REACTIONS
HUMIDITY
MILITARY PSYCHOLOGY

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PULMONARY CIRCULATION

PSYCHOLOGICAL EFFECTS-(CONT)

MOODS
PSYCHOACOUSTICS
REACTION TIME
SPACE ADAPTATION SYNDROME
SPACE PSYCHOLOGY
STRESS (PSYCHOLOGY)
TAYLOR MANIFEST ANXIETY SCALE

PSYCHOLOGICAL FACTORS

RT ASTRONAUT PERFORMANCE
AVIATION PSYCHOLOGY
EMOTIONAL FACTORS
FLIGHT STRESS (BIOLOGY)
HABITS
MOODS
PERMISSIVITY
PSYCHOACOUSTICS
PSYCHOSOMATICS
REWARD (PSYCHOLOGY)
SEX FACTOR
SPACE PSYCHOLOGY
∞STIMULI
STRESS (PSYCHOLOGY)

PSYCHOLOGICAL INDEXES

USE PSYCHOLOGICAL TESTS

PSYCHOLOGICAL SETS

GS PSYCHOLOGY
PSYCHOLOGICAL SETS

PSYCHOLOGICAL TESTS

UF PSYCHOLOGICAL INDEXES
GS PSYCHOLOGICAL TESTS
RORSCHACH TESTS
RT CERTIFICATION
ENVIRONMENTAL TESTS
LIMEN
MILITARY PSYCHOLOGY
PERSONALITY TESTS
PILOT SELECTION
PSYCHOMETRICS
RATIOS
SKINNER BOXES
TAYLOR MANIFEST ANXIETY SCALE
∞TESTS

PSYCHOLOGY

GS PSYCHOLOGY
AVIATION PSYCHOLOGY
COGNITIVE PSYCHOLOGY
MILITARY PSYCHOLOGY
PSYCHOLOGICAL SETS
PSYCHOPHYSICS
PSYCHOACOUSTICS
SPACE PSYCHOLOGY
RT BIOFEEDBACK
BOREDOM
BRAIN
CYBERNETICS
DETACHMENT
DIAGNOSIS
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
EMOTIONS
EXTROVERSION
FRUSTRATION
INSPIRATION
INTELLECT
INTROVERSION
MORALE
PREJUDICES
PSYCHIATRY
PSYCHOMETRICS
PSYCHOTHERAPY
RORSCHACH TESTS
STRESS (PSYCHOLOGY)
SUBLIMINAL STIMULI

PSYCHOMETRICS

RT DIAGNOSIS
EDUCATION
MILITARY PSYCHOLOGY
NORMS
PERSONALITY TESTS
PSYCHOLOGICAL TESTS
PSYCHOLOGY
PSYCHOMOTOR PERFORMANCE
PSYCHOPHYSICS
PSYCHOSOMATICS
SKINNER BOXES

PSYCHOMOTOR PERFORMANCE

GS SENSORIMOTOR PERFORMANCE
PSYCHOMOTOR PERFORMANCE
PSYCHOSOMATICS
RT BIOCONTROL SYSTEMS
HUMAN PERFORMANCE
HUMAN REACTIONS
MENTAL PERFORMANCE
OPERATOR PERFORMANCE
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
PSYCHOMETRICS
REACTION TIME
WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOPHARMACOLOGY

GS PHARMACOLOGY
PSYCHOPHARMACOLOGY
RT CENTRAL NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
CENTRAL NERVOUS SYSTEM
STIMULANTS
LIFE SCIENCES
MEDICAL SCIENCE
∞MEDICINE
NERVOUS SYSTEM
PSYCHOTROPIC DRUGS

PSYCHOPHYSICS

GS PSYCHOLOGY
PSYCHOPHYSICS
PSYCHOACOUSTICS
RT ∞PHYSICS
PSYCHOMETRICS
∞SCIENCE

PSYCHOPHYSIOLOGY

GS PHYSIOLOGY
PSYCHOPHYSIOLOGY
WORKLOADS (PSYCHOPHYSIOLOGY)
RT EVOKED RESPONSE
(PSYCHOPHYSIOLOGY)
∞SCIENCE

PSYCHOSES

GS PSYCHOSES
PSYCHOTIC DEPRESSION
SCHIZOPHRENIA
RT DETACHMENT
DISORDERS
FEAR
IRRATIONALITY
NEUROSES

PSYCHOSOMATICS

GS SENSORIMOTOR PERFORMANCE
PSYCHOMOTOR PERFORMANCE
PSYCHOSOMATICS
RT PSYCHOLOGICAL FACTORS
PSYCHOMETRICS

PSYCHOTHERAPY

GS THERAPY
PSYCHOTHERAPY
RT CONVULSIONS
GESTALT THEORY
HEALTH
MENTAL HEALTH
NEUROPSYCHIATRY
PSYCHIATRY
PSYCHOLOGY
PSYCHOTROPIC DRUGS

PSYCHOTIC DEPRESSION

GS PSYCHOSES
PSYCHOTIC DEPRESSION
RT ∞DEPRESSION
NEUROTIC DEPRESSION

PSYCHOTROPIC DRUGS

GS DRUGS
PSYCHOTROPIC DRUGS
RT CENTRAL NERVOUS SYSTEM
NARCOTICS
NEUROPHYSIOLOGY
PHYSIOCHEMISTRY
PSYCHOPHARMACOLOGY
PSYCHOTHERAPY
SEDATIVES

PSYCHROMETERS

GS MEASURING INSTRUMENTS
MOISTURE METERS

PSYCHROMETERS-(CONT)

HYGROMETERS
PSYCHROMETERS
RT ATMOSPHERIC MOISTURE
CHEMICAL ANALYSIS
HUMIDITY
HUMIDITY MEASUREMENT
METEOROLOGICAL INSTRUMENTS

PSYCHROPHILES

GS MICROORGANISMS
PSYCHROPHILES
RT MESOPHILES
THERMOPHILES

PTM (MODULATION)

USE PULSE TIME MODULATION

PTOLEMAEUS CRATER

GS CRATERS
LUNAR CRATERS
PTOLEMAEUS CRATER
RT METEORITE CRATERS

PUBLIC ADDRESS SYSTEMS

RT ∞SYSTEMS
WARNING SYSTEMS

PUBLIC HEALTH

GS BIOPHYSICS
HEALTH PHYSICS
PUBLIC HEALTH
HEALTH
HEALTH PHYSICS
PUBLIC HEALTH
RT HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
HYGIENE
MEDICAL SERVICES
NONPOINT SOURCES
ORAL HYGIENE
POLLUTION
SANITATION
URBAN PLANNING

PUBLIC LAW

GS LAW (JURISPRUDENCE)
PUBLIC LAW
LIABILITIES
LEGAL LIABILITY
PENALTIES
RT AIR LAW

PUBLIC RELATIONS

RT ∞COOPERATION
IMPROVEMENT
PROMOTION
UPGRADING

PUBLIC SPEAKING

UF ORATORY
RT LECTURES
SPEECH

PUBLICATIONS

USE DOCUMENTS

PUERTO RICO

GS LANDFORMS
ISLANDS
WEST INDIES
PUERTO RICO
RT UNITED STATES

PULLEYS

RT ∞BELTS
BLOCKS
IDLERS
ROLLERS
WHEELS
WINCHES

PULLING

RT ∞DRAWING
∞FORCE
PROPULSION
TRACTION

PULMONARY CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
PULMONARY CIRCULATION
RT ALVEOLI
ARTIFICIAL CARDIAC PACEMAKER

PULMONARY FUNCTIONS

PULMONARY CIRCULATION-(CONT)

- BLOOD PUMPS
- HEART IMPLANTATION
- LUNGS
- RESPIRATORY SYSTEM

PULMONARY FUNCTIONS

- RT ALVEOLI
- ∞ FUNCTIONS
- LUNGS

PULMONARY LESIONS

- GS DISEASES
- PULMONARY LESIONS**
- INJURIES
- LESIONS
- PULMONARY LESIONS**
- RT LUNG MORPHOLOGY
- LUNGS
- ORGANS
- RESPIRATORY DISEASES

PULSARS

- GS CELESTIAL BODIES
- RADIO SOURCES (ASTRONOMY)
- RADIO STARS
- PULSARS**
- STARS
- NEUTRON STARS
- PULSARS**
- RADIO STARS
- PULSARS**
- RT QUASARS
- RADIATION SOURCES
- RADIO ASTRONOMY
- RADIO BURSTS
- SUPERNOVA REMNANTS

PULSATING FLOW

- USE UNSTEADY FLOW

PULSE AMPLITUDE

- UF PULSE HEIGHT
- GS AMPLITUDES
- PULSE AMPLITUDE**
- WAVEFORMS
- PULSE AMPLITUDE**
- RT AMPLITUDE DISTRIBUTION ANALYSIS
- ELECTRIC PULSES
- PHOTOPEAK
- PULSED RADIATION
- SAWTOOTH WAVEFORMS
- SQUARE WAVES

PULSE AMPLITUDE MODULATION

- UF PAM (MODULATION)
- GS MODULATION
- PULSE MODULATION
- PULSE AMPLITUDE MODULATION**
- RT MODEMS
- P A C M TELEMETRY

PULSE CHARGING

- RT BATTERY CHARGERS
- ELECTRIC BATTERIES
- ELECTRIC CHARGE
- STORAGE BATTERIES

PULSE CODE MODULATION

- UF PCM (MODULATION)
- GS MODULATION
- PULSE MODULATION
- PULSE CODE MODULATION**
- DELTA MODULATION
- DIFFERENTIAL PULSE CODE MODULATION
- RT BITERNARY CODE
- DECOMMUTATORS
- P A C M TELEMETRY
- PCM TELEMETRY
- UNIFIED S BAND

PULSE COMMUNICATION

- UF DIGITAL COMMUNICATION
- GS TELECOMMUNICATION
- PULSE COMMUNICATION**
- DIGITAL SPACECRAFT TELEVISION
- RT BIT ERROR RATE
- COMMUNICATION NETWORKS
- DATA TRANSMISSION
- DELTA MODULATION
- DIFFERENTIAL PULSE CODE MODULATION
- DIGITAL TELEVISION

PULSE COMMUNICATION-(CONT)

- ELECTROMAGNETIC PULSES
- FREQUENCY DIVISION MULTIPLEXING
- MODEMS
- MULTIPLE ACCESS
- MULTIPLEXING
- ORTHOGONAL MULTIPLEXING THEORY
- RADIO COMMUNICATION
- RADIO TRANSMISSION
- SATELLITE TRANSMISSION
- SIGNAL TRANSMISSION
- SPACE COMMUNICATION
- TELEGRAPH SYSTEMS
- TELEMETRY
- TIME DIVISION MULTIPLE ACCESS

PULSE COMPRESSION

- RT CODING
- COMPRESSING
- RADAR

PULSE DIFFRACTION

- GS DIFFRACTION
- PULSE DIFFRACTION**
- RT PLASMA JETS
- PULSED RADIATION
- WAVE PROPAGATION

PULSE DOPPLER RADAR

- GS RADAR
- PULSE RADAR
- PULSE DOPPLER RADAR**
- EARTH RESOURCES SHUTTLE
- IMAGING RADAR
- MONOPULSE RADAR
- RT CANCELLATION CIRCUITS
- COHERENT RADAR

PULSE DURATION

- UF LIGHT DURATION
- PULSE WIDTH
- GS WAVEFORMS
- PULSE DURATION**
- RT ELECTRIC PULSES
- LASER OUTPUTS
- MASER OUTPUTS
- PULSE REPETITION RATE
- PULSED RADIATION
- SAWTOOTH WAVEFORMS
- SQUARE WAVES
- TIME SIGNALS
- ULTRASHORT PULSED LASERS

PULSE DURATION MODULATION

- UF PDM (MODULATION)
- PULSE WIDTH MODULATION
- PWM (MODULATION)
- GS MODULATION
- PULSE MODULATION
- PULSE TIME MODULATION
- PULSE DURATION MODULATION**
- RT MODEMS

PULSE FREQUENCY MODULATION

- UF PFM (MODULATION)
- GS MODULATION
- FREQUENCY MODULATION
- PULSE FREQUENCY MODULATION**
- PULSE MODULATION
- PULSE FREQUENCY MODULATION**
- RT COMMUNICATION EQUIPMENT
- DIFFERENTIAL PULSE CODE MODULATION
- MODEMS

PULSE FREQUENCY MODULATION TELEMETRY

- GS MODULATION
- FREQUENCY MODULATION
- PULSE FREQUENCY MODULATION TELEMETRY**
- PULSE MODULATION
- PULSE FREQUENCY MODULATION TELEMETRY**
- TELECOMMUNICATION
- RADIO COMMUNICATION
- RADIO TELEMETRY
- PULSE FREQUENCY MODULATION TELEMETRY**
- TELEMETRY
- RADIO TELEMETRY
- PULSE FREQUENCY MODULATION TELEMETRY**
- RT COMMUNICATION EQUIPMENT
- RADIO TRANSMISSION

NASA THESAURUS (VOLUME 1)

PULSE GENERATORS

- RT COMPULSATORS
- ELECTRIC PULSES
- FUNCTION GENERATORS
- ∞ GENERATORS
- IMPULSE GENERATORS
- LASER CAVITIES
- LASERS
- PLASMA GENERATORS
- PULSE REPETITION RATE
- PULSED RADIATION
- SHOCK WAVE GENERATORS

PULSE HEATING

- GS HARDENING (MATERIALS)
- PULSE HEATING**
- HEAT TREATMENT
- ANNEALING
- PULSE HEATING**
- HEATING
- TRANSIENT HEATING
- PULSE HEATING**
- RT LASER HEATING

PULSE HEIGHT

- USE PULSE AMPLITUDE

PULSE MODULATION

- GS MODULATION
- PULSE MODULATION**
- PULSE AMPLITUDE MODULATION
- PULSE CODE MODULATION
- DELTA MODULATION
- DIFFERENTIAL PULSE CODE MODULATION
- PULSE FREQUENCY MODULATION
- PULSE FREQUENCY MODULATION TELEMETRY
- PULSE TIME MODULATION
- PULSE DURATION MODULATION
- PULSE POSITION MODULATION
- RT AMPLITUDE MODULATION
- DEMODULATION
- DEMODULATORS
- ELECTRIC PULSES
- ELECTROMAGNETIC PULSES
- FREQUENCY MODULATION
- LIGHT MODULATION
- MODEMS
- MODULATORS
- PHASE MODULATION
- PULSED RADIATION
- RADIO TELEMETRY
- TIME DIVISION MULTIPLEXING
- TRIGATRONS

PULSE POSITION MODULATION

- UF PPM (MODULATION)
- GS MODULATION
- PULSE MODULATION
- PULSE TIME MODULATION
- PULSE POSITION MODULATION**
- RT MODEMS

PULSE RADAR

- GS RADAR
- PULSE RADAR**
- PULSE DOPPLER RADAR
- EARTH RESOURCES SHUTTLE
- IMAGING RADAR
- MONOPULSE RADAR
- RT COHERENT RADAR
- CONTINUOUS WAVE RADAR
- DOPPLER RADAR
- ECHO SUPPRESSORS
- ELECTROMAGNETIC PULSES
- METEOROLOGICAL RADAR
- MULTISTATIC RADAR
- POLYSTATION DOPPLER TRACKING SYSTEM
- SEARCH RADAR
- SURVEILLANCE RADAR
- SYNCHRONIZERS
- TRACKING RADAR

PULSE RATE

- UF CHRONOTRONS
- GS RATES (PER TIME)
- PULSE RATE**
- PULSE REPETITION RATE
- RT ELECTRIC PULSES
- PICOSECOND PULSES
- PULSED RADIATION

PULSE RECORDERS
USE COUNTERS**PULSE REPETITION RATE**

GS RATES (PER TIME)
PULSE RATE
RT ∞ FREQUENCY RESPONSE
OPTICAL PUMPING
PULSE DURATION
PULSE GENERATORS
PULSED LASERS

PULSE TIME MODULATION

UF PTM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE TIME MODULATION
PULSE DURATION MODULATION
PULSE POSITION MODULATION

PULSE WIDTH

USE PULSE DURATION

PULSE WIDTH AMPLITUDE CONVERTERS

RT ∞ CONVERTERS
FREQUENCY CONVERTERS

PULSE WIDTH MODULATION

USE PULSE DURATION MODULATION

PULSED JET ENGINES

GS ENGINES
PULSED JET ENGINES
RT ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
PLASMA ENGINES
RESISTOJET ENGINES

PULSED LASERS

GS STIMULATED EMISSION DEVICES
LASERS
PULSED LASERS
O SWITCHED LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
GAS LASERS
GLASS LASERS
INERTIAL FUSION (REACTOR)
LASER HEATING
LASER TARGET INTERACTIONS
LASER WELDING
NITROGEN LASERS
PULSE REPETITION RATE
RUBY LASERS
SEMICONDUCTOR LASERS
TEA LASERS
TUBE LASERS
WAVEGUIDE LASERS

PULSED RADIATION

GS PULSED RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
RT CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
GAMMA RAY LASERS
LASER DAMAGE
LASERS
PICOSECOND PULSES
PULSE AMPLITUDE
PULSE DIFFRACTION
PULSE DURATION
PULSE GENERATORS
PULSE MODULATION
PULSE RATE
 ∞ RADIATION
 ∞ RAYS

PULSEJET ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
PULSEJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES

PULSEJET ENGINES-(CONT)

RAMJET ENGINES
PULSEJET ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
PULSEJET ENGINES
RT V-1 MISSILE

PULSES

GS PULSES
ELECTRIC PULSES
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
GEOMAGNETIC PULSATIONS
GEOMAGNETIC MICROPULSATIONS
MICROPULSATIONS
GEOMAGNETIC MICROPULSATIONS
PICOSECOND PULSES
PRESSURE PULSES
RT AMPLITUDES
INTERMITTENCY
SOLITARY WAVES

PULTRUSION

GS FORMING TECHNIQUES
EXTRUDING
PULTRUSION
RT CASTING
COMPOSITE STRUCTURES
DIES
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
GLASS FIBER REINFORCED PLASTICS
HOT WORKING
POLYMER MATRIX COMPOSITES
PREIMPREGNATION
PRESSING (FORMING)
RESIN MATRIX COMPOSITES

PULVERIZING

USE GRINDING (COMMINUTION)

PUMICE

GS ROCKS
IGNEOUS ROCKS
PUMICE
RT ABRASIVES
OBSIDIAN
POWDER (PARTICLES)
SOILS

PUMP IMPELLERS

GS ROTATING BODIES
ROTORS
IMPELLERS
PUMP IMPELLERS
RT CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS

PUMP SEALS

GS SEALS (STOPPERS)
PUMP SEALS
RT GASKETS
 ∞ GLANDS
GLANDS (SEALS)
HERMETIC SEALS
LABYRINTH SEALS
MOLECULAR PUMPS

 ∞ PUMPING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BLOWING
COMPRESSED AIR
COMPRESSING
CRYOPUMPING
DRAINAGE
ELECTRON PUMPING
JET PUMPS
LASER PUMPING
MAGNETIC PUMPING
MATERIALS HANDLING
NUCLEAR PUMPING
OPTICAL PUMPING
PLASMA PUMPING
PUMPS
PURGING
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED PUMPS

PUMPS

SN (LIMITED TO PUMPS FOR MATERIALS--
EXCLUDES HEAT PUMPS)
UF HYDRAULIC PUMPS
GS PUMPS
AXIAL FLOW PUMPS
TURBINE PUMPS
BLOOD PUMPS
CENTRIFUGAL PUMPS
DIFFUSION PUMPS
ELECTROMAGNETIC PUMPS
FUEL PUMPS
JET PUMPS
RAMS (PUMPS)
VACUUM PUMPS
CONDENSATION PUMPS
ION PUMPS
MOLECULAR PUMPS
VISCOPUMPS
WINDPOWERED PUMPS
RT BELLOWS
CENTRIFUGAL COMPRESSORS
EJECTORS
FEED SYSTEMS
HEAT PUMPS
HYDRAULIC EQUIPMENT
IMPELLERS
INJECTORS
LUBRICATION SYSTEMS
MATERIALS HANDLING
PACKINGS (SEALS)
PIPELINES
PREBURNERS
 ∞ PUMPING
SIPHONS
STATORS
TURBOMACHINERY
VANELESS DIFFUSERS

PUNCHED CARDS

GS CARDS
PUNCHED CARDS
RT COMPUTER STORAGE DEVICES
DATA RECORDERS
DATA RECORDING
DATA STORAGE
READERS

PUNCHED TAPES

RT AUTOMATIC TYPEWRITERS
COMPUTER STORAGE DEVICES
DATA RECORDING
MAGNETIC TAPES
READERS
 ∞ TAPES

PUNCHES

RT DIES
MACHINE TOOLS
MOLDS
PLATENS
PRESSES
STAMPING

PUNCTURING

USE PIERCING

PUPA

GS ANIMALS
INVERTEBRATES
ARTHROPODS
PUPA
RT INSECTS
LARVAE

PUPIL SIZE

RT PUPILLOMETRY

PUPILLOMETRY

RT BIOMETRICS
DARK ADAPTATION
LIGHT ADAPTATION
 ∞ MEASUREMENT
PUPIL SIZE

PUPILS

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
PUPILS
RT VISION

PURGING

RT CIRCULATION

PURIFICATION

PURGING-(CONT)

CLEARING
DECONTAMINATION
DEGASSING
DISTILLATION
EVACUATING (VACUUM)
FLUSHING
OUTGASSING
∞ PUMPING
PURIFICATION
RELIEVING
∞ SEPARATION
VENTING

PURIFICATION

UF PURIFIERS
GS **PURIFICATION**
AIR PURIFICATION
RT AERATION
ANTISEPTICS
BENEFICIATION
CHEMICAL STERILIZATION
CLEANING
CRYSTALLIZATION
DECONTAMINATION
DEMINERALIZING
DESALINIZATION
DISSIPATION
DISTILLATION
ELIMINATION
ELUTION
ENRICHMENT
FLUSHING
GETTERS
PASTEURIZING
POLYNUCLEAR ORGANIC COMPOUNDS
POTABLE WATER
PURGING
PURITY
RECTIFICATION
∞ REDUCTION
REDUCTION (CHEMISTRY)
REFINING
SCAVENGING
∞ SEPARATION
SEWAGE TREATMENT
SOLVENT EXTRACTION
SPACECRAFT STERILIZATION
STERILIZATION
SUBLIMATION
ULTRAPURE METALS
UPGRADING
WASHING
WATER TREATMENT
ZONE MELTING

PURIFIERS

USE PURIFICATION

PURINES

GS **PURINES**
ADENINES
XANTHINES
CAFFEINE
GUANINES
URIC ACID

PURITY

RT CLARITY
CONCENTRATION (COMPOSITION)
CONTAMINANTS
CONTAMINATION
DECONTAMINATION
DILUTION
FINENESS
POLLUTION
POTABLE LIQUIDS
PURIFICATION
QUALITY
TRACE CONTAMINANTS
ULTRAPURE METALS
WATER POLLUTION

PURPOSES

RT GOALS

PURSUIT TRACKING

GS TRACKING (POSITION)
PURSUIT TRACKING
RT INFRARED TRACKING
RADAR TRACKING
SATELLITE INTERCEPTORS

PUSH-PULL AMPLIFIERS

UF BALANCED AMPLIFIERS

PUSH-PULL AMPLIFIERS-(CONT)

GS AMPLIFIERS
PUSH-PULL AMPLIFIERS
RT PHASE MODULATION
POWER AMPLIFIERS

PUSHBROOM SENSOR MODES

GS MODES
PUSHBROOM SENSOR MODES
RT ARRAYS
ELECTRO-OPTICS
IMAGE PROCESSING
LINEAR ARRAYS
PHOTODIODES

PUSHING

RT ∞ FORCE
PROPULSION

PWM (MODULATION)

USE PULSE DURATION MODULATION

PYCNOMETERS

RT DENSITY (MASS/VOLUME)

PYLON MOUNTING

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
COLUMNS (SUPPORTS)
RIGID MOUNTING
STRUCTURAL MEMBERS
SUPPORTS
WIND TUNNEL MODELS

PYLONS

GS SUPPORTS
PYLONS
RT COLUMNS (SUPPORTS)
STRUCTURAL MEMBERS
STRUTS
TOWERS

PYRAMID LAKE (NV)

GS LAKES
PYRAMID LAKE (NV)
RT NEVADA
WATER MANAGEMENT
WATER RESOURCES

PYRAMIDAL BODIES

RT ∞ BODIES
PYRAMIDS
REENTRY VEHICLES

PYRAMIDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
PYRAMIDS
RT FRUSTUMS
PYRAMIDAL BODIES

PYRANOMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
PYRANOMETERS
RT PHOTOMETERS
RADIOMETERS
SKY RADIATION

PYRAZINES

GS **PYRAZINES**
AZINES
CYANURATES
CYANURIC ACID
MECLIZINE
METHYLENE BLUE
PHENOTHIAZINES

PYRENEES MOUNTAINS (EUROPE)

GS LANDFORMS
MOUNTAINS
PYRENEES MOUNTAINS (EUROPE)
RT ANDORRA
FRANCE
SPAIN

PYRENES

GS HYDROCARBONS
PYRENES

PYREX (TRADEMARK)

USE BOROSILICATE GLASS

NASA THESAURUS (VOLUME 1)

PYRIDINE NUCLEOTIDES

GS ACIDS
AMINO ACIDS
PYRIDINE NUCLEOTIDES
ORGANIC COMPOUNDS
AMINO ACIDS
PYRIDINE NUCLEOTIDES
NUCLEOTIDES
PYRIDINE NUCLEOTIDES
PHOSPHORUS COMPOUNDS
PHOSPHATES
PYRIDINE NUCLEOTIDES
PROTEINS
NUCLEOTIDES
PYRIDINE NUCLEOTIDES

PYRIDINES

GS **PYRIDINES**
NICOTINIC ACID
PIPERIDINE
RT KARL FISCHER REAGENT

PYRIDOXINE

UF VITAMIN B 6
GS HETEROCYCLIC COMPOUNDS
PYRIDOXINE
VITAMINS
PYRIDOXINE

PYRIMIDINES

GS **PYRIMIDINES**
ALLOXAN
MITOCHONDRIA
THYMIDINE
THYMINE
URACIL

PYRITES

GS CHALCOGENIDES
SULFIDES
PYRITES
IRON COMPOUNDS
PYRITES
MINERALS
PYRITES
SULFUR COMPOUNDS
SULFIDES
PYRITES

PYRO CERAM (TRADEMARK)

GS CERAMICS
PYRO CERAM (TRADEMARK)
GLASS
PYRO CERAM (TRADEMARK)

PYROELECTRICITY

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
PYROELECTRICITY
RT PIEZOELECTRICITY
POLARIZATION (CHARGE SEPARATION)

PYROGEN

GS GASES
FLAMMABLE GASES
PYROGEN
RT TORCHES

PYROGRAPHALLOY

USE COMPOSITE MATERIALS
PYROLYTIC GRAPHITE
REFRACTORY MATERIALS

PYROHELIOMETERS

UF HELIOMETRY
GS MEASURING INSTRUMENTS
HELIOMETERS
PYROHELIOMETERS
OPTICAL EQUIPMENT
ASTRONOMICAL TELESCOPES
HELIOMETERS
PYROHELIOMETERS
TELESCOPES
ASTRONOMICAL TELESCOPES
HELIOMETERS
PYROHELIOMETERS

PYROHYDROLYSIS

GS CHEMICAL REACTIONS
PYROHYDROLYSIS
RT PYROLYSIS

PYROLYSIS

SN (TRANSFORMATION OF A CHEMICAL COMPOUND INTO ONE OR MORE NEW COMPOUNDS SOLELY THROUGH THE APPLICATION OF HEAT)

GS CHEMICAL REACTIONS
CRACKING (CHEMICAL ENGINEERING)
PYROLYSIS
THERMAL DECOMPOSITION
PYROLYSIS

RT ABLATION
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS
PYROHYDROLYSIS
THERMAL ABSORPTION
THERMAL DEGRADATION
THERMAL INSTABILITY
THERMOGRAVIMETRY

PYROLYTIC GRAPHITE

UF PYROGRAPHALLOY

GS PYROLYTIC MATERIALS
PYROLYTIC GRAPHITE

RT HEAT SHIELDING

PYROLYTIC MATERIALS

GS **PYROLYTIC MATERIALS**
PYROLYTIC GRAPHITE

RT ABLATIVE MATERIALS
CERAMICS
∞ MATERIALS
REFRACTORY COATINGS
REFRACTORY MATERIALS

PYROMETALLURGY

RT AEROTHERMOCHEMISTRY
CHLORINATION
∞ CONVERTERS
HEAT BALANCE
METAL WORKING
∞ METALLURGY
REFINING
SINTERING
SUBLIMATION
THERMOCHEMISTRY

PYROMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING INSTRUMENTS
PYROMETERS
RADIATION PYROMETERS
THERMOCOUPLE PYROMETERS

RT TEMPERATURE MEASUREMENT

PYROMETRY

USE TEMPERATURE MEASUREMENT

PYROPHORIC MATERIALS

RT EXPLOSIVES
FLAMMABILITY
HYPERGOLIC ROCKET PROPELLANTS
IGNITERS
IGNITION TEMPERATURE
∞ MATERIALS
METAL COMBUSTION
SOLID PROPELLANT IGNITION
SPONTANEOUS COMBUSTION

PYROPHYLLITE

GS ALUMINUM COMPOUNDS
ALUMINUM SILICATES
PYROPHYLLITE
MINERALS
PYROPHYLLITE
SILICON COMPOUNDS
ALUMINUM SILICATES
PYROPHYLLITE
SILICATES
PYROPHYLLITE

RT ALUMINUM OXIDES

PYROTECHNICS

UF FIREWORKS
AMMUNITION

RT BOMBS (ORDNANCE)
CHEMICAL FUELS
DOUBLE BASE PROPELLANTS
EXPLOSIVES
∞ FLARES
GRENADES
ILLUMINATING
INCENDIARY AMMUNITION
INITIATORS (EXPLOSIVES)
ORDNANCE

PYROTECHNICS-(CONT)

PLASTIC PROPELLANTS
PROJECTILES
RDX
∞ ROCKETS
∞ SIGNALS
THERMITES

PYROXENES

GS CHALCOGENIDES
OXIDES
PYROXENES
ENSTATITE
MINERALS
PYROXENES
ENSTATITE
SILICON COMPOUNDS
SILICATES
PYROXENES
ENSTATITE

RT ECLOGITE
IGNEOUS ROCKS
REGOLITH
ROCKS
SOILS

PYROXYLIN

USE CELLULOSE NITRATE

PYRRHOTITE

GS CHALCOGENIDES
SULFIDES
PYRRHOTITE
TROILITE
IRON COMPOUNDS
PYRRHOTITE
TROILITE
MINERALS
PYRRHOTITE
TROILITE
SULFUR COMPOUNDS
SULFIDES
PYRRHOTITE
TROILITE

PYRROLES

GS HETEROCYCLIC COMPOUNDS
AZOLES
PYRROLES
CARBAZOLES
INDOLES
TRYPTOPHAN

RT METHOXY SYSTEMS

PYRRONES (TRADEMARK)

RT ∞ POLYMERS

PYRUVATES

GS ACIDS
AMINO ACIDS
PYRUVATES
ORGANIC LIQUIDS

P3V AIRCRAFT

USE P-3 AIRCRAFT

P78-2 SATELLITE

USE SCATHA SATELLITE

Q**Q DEVICES**

RT MAGNETIC MIRRORS
PLASMA PINCH
ZETA PINCH

Q FACTORS

UF HIGH Q
QUALITY FACTORS

RT FIGURE OF MERIT
RESONANT VIBRATION
SPECTRAL RESOLUTION
TUNING

Q SWITCHED LASERS

GS STIMULATED EMISSION DEVICES
LASERS
PULSED LASERS
Q SWITCHED LASERS

RT ARGON LASERS
CARBON DIOXIDE LASERS

Q SWITCHED LASERS-(CONT)

CHEMICAL LASERS
GAS LASERS
RUBY LASERS
SEMICONDUCTOR LASERS
SOLID STATE LASERS

Q VALUES

GS VALUE
Q VALUES

QCD

USE QUANTUM CHROMODYNAMICS

QH-50 HELICOPTER

UF DASH HELICOPTER
DSN HELICOPTER
GYRODYNE DSN-3 HELICOPTER
GYRODYNE MILITARY AIRCRAFT

GS GYRODYNE AIRCRAFT
QH-50 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
QH-50 HELICOPTER

QSO (RADIO SOURCES)

USE QUASARS

QUADRANTID METEORIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
QUADRANTID METEORIDS
METEORIDS
QUADRANTID METEORIDS

QUADRANTS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
QUADRANTS

QUADRATIC EQUATIONS

GS ALGEBRA
NONLINEAR EQUATIONS
QUADRATIC EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
NONLINEAR EQUATIONS
QUADRATIC EQUATIONS
FIELD THEORY (ALGEBRA)
QUADRATIC EQUATIONS

RT ∞ EQUATIONS
POLYNOMIALS

QUADRATIC PROGRAMMING

GS OPERATIONS RESEARCH
MATHEMATICAL PROGRAMMING
QUADRATIC PROGRAMMING
RESEARCH
MATHEMATICAL PROGRAMMING
QUADRATIC PROGRAMMING

RT ∞ PROGRAMMING

QUADRATURE APPROXIMATION

USE QUADRATURES

QUADRATURES

UF QUADRATURE APPROXIMATION

RT CIRCULAR ORBITS
ORBIT CALCULATION
ORBITAL MECHANICS
ORBITS
SPACE MECHANICS

QUADRUPOLE LENSES

USE MAGNETIC LENSES

QUADRUPOLE NETWORKS

RT ∞ NETWORKS

QUADRUPOLES

RT ∞ DIPOLES
NUCLEAR QUADRUPOLE RESONANCE
POLARITY

QUAIL MISSILE

GS DECOYS
QUAIL MISSILE
MISSILES
AIR TO SURFACE MISSILES
QUAIL MISSILE
RT COUNTERMEASURES

QUALIFICATIONS

QUAIL MISSILE-(CONT)
TURBOJET ENGINES

QUALIFICATIONS

RT CERTIFICATION
CONTRACTORS
EDUCATION
EXPERIENCE
FITNESS
PERSONALITY TESTS
PERSONNEL
∞ TESTS

QUALITATIVE ANALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
QUALITATIVE ANALYSIS
RT ANALYTICAL CHEMISTRY
ELECTROPHOTOMETRY
FLAME SPECTROSCOPY
GAS ANALYSIS
MASS SPECTROMETERS
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS

QUALITY

GS **QUALITY**
AIR QUALITY
ENVIRONMENTAL QUALITY
WATER QUALITY
RIDING QUALITY
RT ACCURACY
ADEQUACY
APPEARANCE
COMPUTER SYSTEMS PERFORMANCE
CONCENTRATION (COMPOSITION)
CONSISTENCY
CONTAMINANTS
CONTROLLABILITY
DURABILITY
EVALUATION
FIGURE OF MERIT
FINENESS
FLIGHT CHARACTERISTICS
∞ GRADE
IMPURITIES
∞ MATERIALS TESTS
∞ PERFORMANCE
POLLUTION
PRECISION
PRODUCT DEVELOPMENT
PURITY
RELIABILITY
∞ RESISTANCE
SPECIFICATIONS
STABILITY
∞ TESTS
UPGRADING
VALIDITY
VARIABILITY

QUALITY CONTROL

UF RELIABILITY CONTROL
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
AIRCRAFT RELIABILITY
ASSURANCE
AVERAGE
BAYES THEOREM
BURN-IN
CERTIFICATION
CHEMICAL TESTS
CIRCUIT RELIABILITY
COMPONENT RELIABILITY
CONFIDENCE
CONFIDENCE LIMITS
CONSTRUCTION
∞ CONTROL
CORRELATION
CORRELATION COEFFICIENTS
COVARIANCE
DATA SAMPLING
DEGREES OF FREEDOM
ELECTRICAL PROPERTIES
ELECTRONIC EQUIPMENT TESTS
ERROR DETECTION CODES
ERRORS
ESTIMATES
ESTIMATING
EXPERIMENT DESIGN
EXTRAPOLATION
HYPOTHESES
INFRARED INSPECTION

QUALITY CONTROL-(CONT)

INSPECTION
LEAST SQUARES METHOD
LINEAR PREDICTION
LOW TEMPERATURE TESTS
MANN-WHITNEY-WILCOXON U TEST
∞ MATERIALS TESTS
MEAN
MEDIAN (STATISTICS)
MODE (STATISTICS)
NONDESTRUCTIVE TESTS
NORMALIZING (STATISTICS)
OPERATIONS RESEARCH
OPTIMIZATION
ORTHOGONAL FUNCTIONS
ORTHOGONALITY
PRECISION
PROBABILITY THEORY
PROCESS CONTROL (INDUSTRY)
∞ PROCESSES
PRODUCT DEVELOPMENT
PRODUCTION MANAGEMENT
PRODUCTS
RANDOM ERRORS
RANDOM SAMPLING
RANGE (EXTREMES)
REGRESSION ANALYSIS
REGRESSION COEFFICIENTS
RELIABILITY
RELIABILITY ENGINEERING
SAMPLING
SCHEDULING
SEQUENTIAL ANALYSIS
SPACECRAFT RELIABILITY
SPECIFICATIONS
STANDARD DEVIATION
STANDARDIZATION
STANDARDS
STATIC TESTS
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
STRUCTURAL RELIABILITY
∞ SYSTEMS
TASK COMPLEXITY
TASKS
∞ TESTS
TOLERANCES (MECHANICS)
ULTRASONIC FLAW DETECTION
VALUE ENGINEERING
VARIABILITY
VARIANCE (STATISTICS)
WEAR TESTS

QUALITY FACTORS

USE Q FACTORS

QUANTILES

GS STATISTICAL ANALYSIS
QUANTILES
RT MATHEMATICAL MODELS
STATISTICAL DISTRIBUTIONS
∞ STATISTICS
SYMMETRY

QUANTITATIVE ANALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
QUANTITATIVE ANALYSIS
KJELDAHL METHOD
VAN SLYKE METHOD
RT ANALYTICAL CHEMISTRY
CHROMATOGRAPHY
ELECTROPHOTOMETRY
GAS ANALYSIS
GRAVIMETRY
IODIMETRY
KARL FISCHER REAGENT
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
POLAROGRAPHY
QUALITATIVE ANALYSIS
RADIOCHEMICAL SEPARATION
SPECTROSCOPIC ANALYSIS
VOLUMETRIC ANALYSIS

QUANTITY

USE AMOUNT

QUANTIZATION

USE MEASUREMENT

QUANTIZER

USE COUNTERS

NASA THESAURUS (VOLUME 1)

QUANTUM AMPLIFIERS

RT INFORMATION THEORY
LASERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

QUANTUM CHEMISTRY

GS PHYSICAL CHEMISTRY
QUANTUM CHEMISTRY
RT ∞ CHEMISTRY
NUCLEAR CHEMISTRY
QUANTUM MECHANICS

QUANTUM CHROMODYNAMICS

UF COLOR (PARTICLE PHYSICS)
QCD
GS FIELD THEORY (PHYSICS)
QUANTUM CHROMODYNAMICS
INSTANTONS
RT ∞ DYNAMICS
GLUONS
LEPTONS
PARTICLE INTERACTIONS
QUANTUM MECHANICS
QUARKS
∞ THEORIES

QUANTUM COUNTERS

GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
QUANTUM COUNTERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
QUANTUM COUNTERS
RT SQUID (DETECTORS)

QUANTUM EFFICIENCY

RT ENERGY CONVERSION EFFICIENCY
ENERGY TECHNOLOGY
HETEROJUNCTION DEVICES
LASER OUTPUTS
SOLAR CELLS
VOLT-AMPERE CHARACTERISTICS

QUANTUM ELECTRODYNAMICS

GS ELECTRODYNAMICS
QUANTUM ELECTRODYNAMICS
LIGHT-CONE EXPANSION
QUANTUM MECHANICS
QUANTUM ELECTRODYNAMICS
LIGHT-CONE EXPANSION
RT ELECTROMAGNETIC FIELDS
FEYNMAN DIAGRAMS
FIELD THEORY (PHYSICS)
LANDAU-GINZBURG EQUATIONS
RESONANCE FLUORESCENCE
SELF CONSISTENT FIELDS

QUANTUM ELECTRONICS

RT ∞ ELECTRONICS
LASERS
QUANTUM MECHANICS
QUANTUM THEORY

QUANTUM GENERATORS

USE STIMULATED EMISSION DEVICES

QUANTUM MECHANICS

GS **QUANTUM MECHANICS**
PAULI EXCLUSION PRINCIPLE
QUANTUM ELECTRODYNAMICS
LIGHT-CONE EXPANSION
RT ATOMIC INTERACTIONS
BORN APPROXIMATION
DYSON THEORY
ELECTROMAGNETIC INTERACTIONS
ENERGY DISTRIBUTION
FERMI-DIRAC STATISTICS
FUNCTION SPACE
GROUP VELOCITY
HYLLERAAS COORDINATES
∞ MECHANICS (PHYSICS)
ORR-SOMMERFELD EQUATIONS
PHASE VELOCITY
QUANTUM CHEMISTRY
QUANTUM CHROMODYNAMICS
QUANTUM ELECTRONICS
RACAH COEFFICIENT
RELATIVITY
STATISTICAL MECHANICS
STRANGENESS
U SPIN SPACE
WAVE PACKETS

QUANTUM NUMBERS

RT ANGULAR MOMENTUM
ELECTRONS
ENERGY LEVELS
NUCLEAR SPIN
∞ NUMBERS
PARITY
SELECTION RULES (NUCLEAR PHYSICS)

QUANTUM STATISTICS

UF BOSE-EINSTEIN STATISTICS
RT BOSONS
FERMI-DIRAC STATISTICS
FERMIONS
MANY BODY PROBLEM
∞ STATISTICS
SUPERFLUIDITY
THOMAS-FERMI MODEL

QUANTUM THEORY

UF WIGHTMAN THEORY
GS THEORETICAL PHYSICS
QUANTUM THEORY
BOHR THEORY
RT ANGULAR MOMENTUM
ATOMIC THEORY
CHARM (PARTICLE PHYSICS)
DE BROGLIE WAVELENGTHS
DIRAC EQUATION
ELEMENTARY PARTICLES
EMISSION
ENERGY LEVELS
FIELD THEORY (PHYSICS)
FLAVOR (PARTICLE PHYSICS)
FORBIDDEN TRANSITIONS
GROUND STATE
HAMILTONIAN FUNCTIONS
KLEIN-DUNHAM POTENTIAL
MAGNETIC MONOPOLES
MANDELSTAM REPRESENTATION
MOLECULAR ORBITALS
NUCLEAR PHYSICS
NUCLEAR SPIN
PARITY
PERTURBATION THEORY
PHOTONS
PHYSICAL OPTICS
PLANCKS CONSTANT
QUANTUM ELECTRONICS
∞ RADIATION
RADIATION LAWS
SCHUMANN-RUNGE BANDS
STATISTICAL DISTRIBUTIONS
STATISTICAL MECHANICS
∞ THEORIES
WAVE EQUATIONS

QUANTUM WELLS

GS POTENTIAL ENERGY
ELECTRIC POTENTIAL
QUANTUM WELLS
RT BAND STRUCTURE OF SOLIDS
CONDUCTION BANDS
CONDUCTION ELECTRONS
ENERGY BANDS
ENERGY GAPS (SOLID STATE)
GAPS
HETEROJUNCTION DEVICES
HETEROJUNCTIONS
VALENCE

QUARK PARTON MODEL

GS MODELS
QUARK PARTON MODEL
RT HADRONS
INELASTIC SCATTERING
LEPTONS
NUCLEAR MODELS
PARTONS
QUARKS

QUARKS

GS PARTICLES
ELEMENTARY PARTICLES
QUARKS
RT FLAVOR (PARTICLE PHYSICS)
GLUONS
INSTANTONS
PARTONS
QUANTUM CHROMODYNAMICS
QUARK PARTON MODEL

QUARRIES

USE MINES (EXCAVATIONS)

QUARTIC EQUATIONS

GS ALGEBRA
NONLINEAR EQUATIONS
QUARTIC EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES
NONLINEAR EQUATIONS
QUARTIC EQUATIONS
RT ∞ EQUATIONS

QUARTILES

RT PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

QUARTZ

GS CHALCOGENIDES
OXIDES
DIOXIDES
SILICON DIOXIDE
QUARTZ
COESITE
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
MINERALS
QUARTZ
COESITE
STISHOVITE
SILICON COMPOUNDS
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
RT ABRASIVES
FELSITE
FLINT
IGNEOUS ROCKS
ROCKS
SANDS
SOILS

QUARTZ CRYSTALS

GS CRYSTALS
QUARTZ CRYSTALS
RT FREQUENCY CONTROL
FREQUENCY STABILITY
RADIO TRANSMITTERS
SILICON DIOXIDE

QUARTZ LAMPS

GS LIGHTING EQUIPMENT
LUMINAIRES
QUARTZ LAMPS

QUARTZ TRANSDUCERS

GS TRANSDUCERS
QUARTZ TRANSDUCERS
RT PIEZOELECTRIC CRYSTALS
PRESSURE SENSORS

QUASARS

UF QSO (RADIO SOURCES)
QUASI-STELLAR RADIO SOURCES
GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
QUASARS
RT EXTRAGALACTIC RADIO SOURCES
GALAXIES
GRAVITATIONAL COLLAPSE
PULSARS
RADIO ASTRONOMY
RADIO BURSTS
RADIO EMISSION
RADIO GALAXIES
RADIO STARS
STARS
X RAY SPECTRA

QUASAT

SN (QUASAR SATELLITE)
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
QUASAT
RT EUROPEAN SPACE PROGRAMS
NASA PROGRAMS
RADIO ASTRONOMY
RADIO TELESCOPES
SPACEBORNE ASTRONOMY
VERY LONG BASE INTERFEROMETRY

QUASI-PARTICLES

USE ELEMENTARY EXCITATIONS

QUASI-STEADY STATES

RT EQUILIBRIUM FLOW
FLUID DYNAMICS
NONEQUILIBRIUM FLOW
STEADY FLOW
STEADY STATE CREEP
UNIFORM FLOW

QUASI-STELLAR RADIO SOURCES

USE QUASARS

QUASILINEARITY

USE NONLINEARITY

QUATERNARY ALLOYS

GS ALLOYS
QUATERNARY ALLOYS

QUATERNIONS

RT CLASSICAL MECHANICS
NUMBER THEORY

QUEBEC

GS NATIONS
CANADA
QUEBEC

QUEFRENCIES

GS FREQUENCIES
AUDIO FREQUENCIES
QUEFRENCIES
RT CEPSTRA

∞ QUENCHING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT EXTINGUISHING
QUENCHING (COOLING)
RAPID QUENCHING (METALLURGY)

QUENCHING (ATOMIC PHYSICS)

GS GYRATION
PRECESSION
QUENCHING (ATOMIC PHYSICS)
RT ANGULAR MOMENTUM
MAGNETIC MOMENTS
PARTICLE SPIN
∞ PHYSICS

QUENCHING (COOLING)

UF FLAME QUENCHING
GS COOLING
QUENCHING (COOLING)
RT BATHS
COMBUSTION
DIPPING
EXTINGUISHING
HARDENING (MATERIALS)
HEAT TREATMENT
MICROSTRUCTURE
∞ QUENCHING
SUBMERGING
SUPERCOOLING
SUPERSATURATION
THERMOMECHANICAL TREATMENT
WATER IMMERSION

QUERY LANGUAGES

GS LANGUAGES
COMMAND LANGUAGES
QUERY LANGUAGES
RT INFORMATION RETRIEVAL

QUESTOL

SN (EXPERIMENTAL STOL TRANSPORT
RESEARCH AIRPLANE)
UF EXPERIMENTAL STOL TRANSPORT RSCH
AIRPLANE
GS RESEARCH AIRCRAFT
QUESTOL
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
QUESTOL
RT ∞ AIRCRAFT
NASA PROGRAMS

QUEUEING THEORY

RT ARPA COMPUTER NETWORK
BUNCHING
MATHEMATICAL MODELS
OPERATIONS RESEARCH
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES

QUIET ENGINE PROGRAM

QUEUEING THEORY-(CONT) ∞ THEORIES

QUIET ENGINE PROGRAM

GS PROGRAMS
NASA PROGRAMS
QUIET ENGINE PROGRAM
NASA SPACE PROGRAMS
QUIET ENGINE PROGRAM
RT AIRCRAFT ENGINES
ENGINE NOISE
JET AIRCRAFT NOISE
JET ENGINES
NOISE REDUCTION

QUINOLINE

GS NITROGEN COMPOUNDS
ALKALOIDS
QUINOLINE
ORGANIC COMPOUNDS
QUINOLINE
RT DRUGS

QUINOXALINES

GS HYDROCARBONS
QUINOXALINES
ORGANIC COMPOUNDS
QUINOXALINES
PLASTICS
SYNTHETIC RESINS
THERMOPLASTIC RESINS
QUINOXALINES
RESINS
SYNTHETIC RESINS
THERMOPLASTIC RESINS
QUINOXALINES
RT POLYMERIZATION

QUOTIENTS

RT DIVIDING (MATHEMATICS)

R

RA-28 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE

RABBITS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
RABBITS

RACAH COEFFICIENT

RT ANGULAR MOMENTUM
COEFFICIENTS
COUPLING
QUANTUM MECHANICS
TRANSFORMATIONS (MATHEMATICS)

RACE FACTORS

RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
HUMAN BEINGS
HUMAN PERFORMANCE
RACES
SOCIAL FACTORS
SOCIOLOGY
∞ VARIABLE

RACES

RT AMERICAN INDIANS
ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
HUMAN BEINGS
MINORITIES

RACES-(CONT)

RACE FACTORS

RACETRACKS (PARTICLE ACCELERATORS)

RT ∞ ACCELERATORS
ELECTROMAGNETS
MAGNETIC FIELDS
PARTICLE ACCELERATION
PARTICLE ACCELERATORS
PARTICLE TRAJECTORIES

∞ RACKS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED CONSULT THE TERMS
LISTED BLOW)
RT RACKS (FRAMES)
RACKS (GEARS)

RACKS (FRAMES)

RT ∞ RACKS
∞ SHELVES
∞ STORAGE
SUPPORTS

RACKS (GEARS)

GS GEARS
RACKS (GEARS)
RT ∞ RACKS
TRANSLATIONAL MOTION

RACON BEACONS

USE RADAR BEACONS

RADANT

GS ANTENNAS
DIRECTIONAL ANTENNAS
RADAR ANTENNAS
RADANT
RADAR EQUIPMENT
RADAR ANTENNAS
RADANT
RT RADAR FILTERS
RADOMES
SLOT ANTENNAS
WAVEGUIDE ANTENNAS

RADAR

GS RADAR
COHERENT RADAR
CONTINUOUS WAVE RADAR
DOPPLER RADAR
MULTISTATIC RADAR
IMAGING RADAR
INCOHERENT SCATTER RADAR
EISCAT RADAR SYSTEM (EUROPE)
INFRARED RADAR
LANDING RADAR
METEOROLOGICAL RADAR
MOVING TARGET INDICATORS
MULTISPECTRAL RADAR
OPTICAL RADAR
PULSE RADAR
PULSE DOPPLER RADAR
EARTH RESOURCES SHUTTLE
IMAGING RADAR
MONOPULSE RADAR
RADAR MEASUREMENT
RANGE AND RANGE RATE TRACKING
SATELLITE-BORNE RADAR
SEARCH RADAR
NORTH AMERICAN SEARCH AND
RANGING RADAR
OVER-THE-HORIZON RADAR
SECONDARY RADAR
SPACE BASED RADAR
SURVEILLANCE RADAR
AIRBORNE SURVEILLANCE RADAR
COBRA DANE (RADAR)
MULTISTATIC RADAR
SYNTHETIC APERTURE RADAR
SIDE-LOOKING RADAR
TRACKING RADAR
COBRA DANE (RADAR)
TRADEX RADAR SYSTEM
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)
RT AIRCRAFT INSTRUMENTS
CANCELLATION CIRCUITS
CIRCUMLUNAR COMMUNICATION
COLLISION AVOIDANCE
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
ELECTROMAGNETIC RADIATION
FLIGHT INSTRUMENTS
INSTRUMENT LANDING SYSTEMS

NASA THESAURUS (VOLUME 1)

RADAR-(CONT)

LUNAR COMMUNICATION
NAVIGATION INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)
PULSE COMPRESSION
RADAR DETECTION
SCATTEROMETERS

RADAR ABSORBERS

RT ABSORBERS (MATERIALS)
ANTIRADAR COATINGS
COUNTERMEASURES
ELECTROMAGNETIC ABSORPTION

RADAR ABSORBING MATERIALS

USE ANTIRADAR COATINGS

RADAR ALTIMETERS

USE RADIO ALTIMETERS

RADAR ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
RADAR ANTENNAS
RADANT
RADAR EQUIPMENT
RADAR ANTENNAS
RADANT
RT AIRCRAFT ANTENNAS
DIPLEXERS
DIPOLE ANTENNAS
DOGHOUSES (ELECTRONICS)
HIGH RESOLUTION COVERAGE
ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
MICROWAVE ANTENNAS
PARABOLIC ANTENNAS
RADOMES
SCHWARZSCHILD ANTENNAS
SIDELOBE REDUCTION
SLOT ANTENNAS
SPINNERS
STEERABLE ANTENNAS

RADAR APPROACH CONTROL

UF RAPCON (CONTROL)
GS APPROACH CONTROL
RADAR APPROACH CONTROL
GROUND BASED CONTROL
AIR TRAFFIC CONTROL
RADAR APPROACH CONTROL
TRAFFIC CONTROL
AIR TRAFFIC CONTROL
RADAR APPROACH CONTROL
RT AIRBORNE RADAR APPROACH
AIRCRAFT GUIDANCE
APPROACH INDICATORS
∞ CONTROL
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
LANDING INSTRUMENTS
LANDING RADAR
RADARSCOPES
SURVEILLANCE RADAR

RADAR ASTRONOMY

GS ASTRONOMY
RADAR ASTRONOMY
RT RADIO ASTRONOMY

RADAR ATTENUATION

GS ATTENUATION
WAVE ATTENUATION
RADAR ATTENUATION
RT ATMOSPHERIC ATTENUATION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE
TRANSMISSION
MANDELSTAM REPRESENTATION
RADIO ATTENUATION
SIDELOBE REDUCTION
SIGNAL TRANSMISSION
TRANSMISSION
WAVE PROPAGATION

RADAR BEACONS

UF RACON BEACONS
GS NAVIGATION AIDS
BEACONS
RADAR BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADAR EQUIPMENT
RADAR BEACONS

NASA THESAURUS (VOLUME 1)

RADAR SCANNING

RADAR BEACONS-(CONT)

RT AIRCRAFT COMMUNICATION
COMPASSES
POSITION (LOCATION)
SOLAR COMPASSES
TRANSPONDERS

RADAR BEAMS

GS BEAMS (RADIATION)
RADAR BEAMS

RADAR CLUTTER MAPS

GS MAPS
RADAR CLUTTER MAPS

RADAR CORNER REFLECTORS

UF LUNEBERG LENSES
GS RADAR EQUIPMENT
RADAR REFLECTORS
RADAR CORNER REFLECTORS
REFLECTORS
RADAR REFLECTORS
RADAR CORNER REFLECTORS
RT RETROREFLECTORS

RADAR CROSS SECTIONS

RT ANGLES
∞ CROSS SECTIONS
LOW OBSERVABLE REENTRY VEHICLES
MOVING TARGET INDICATORS

RADAR DATA

RT ∞ DATA
MICROWAVE PHOTOGRAPHY
VIDEO DATA

RADAR DETECTION

GS DETECTION
MISSILE DETECTION
RADAR DETECTION
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
DIGITAL RADAR SYSTEMS
DOPPLER RADAR
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
MULTISTATIC RADAR
OPTICAL RADAR
OVER-THE HORIZON RADAR
RADAR
RADARSCOPES
RESOLUTION CELL
SATELLITE BORNE RADAR
SEARCH RADAR
SIGNAL DETECTION

RADAR DIRECTION FINDERS

USE RADIO DIRECTION FINDERS

RADAR DISPLAYS

USE RADARSCOPES

RADAR ECHOES

UF RADAR REFLECTIONS
GS ECHOES
RADAR ECHOES
CLUTTER
LUNAR RADAR ECHOES
SOLAR RADAR ECHOES
VENUS RADAR ECHOES
RT AURORAL ECHOES
CHAFF
GHOSTS
GLINT
TARGETS

RADAR EQUIPMENT

GS RADAR EQUIPMENT
DISCRETE ADDRESS BEACON SYSTEM
DOGHOUSES (ELECTRONICS)
RADAR ANTENNAS
RADANT
RADAR BEACONS
RADAR FILTERS
RADAR RECEIVERS
RADAR REFLECTORS
RADAR CORNER REFLECTORS
RADAR TRANSMITTERS
RADARSCOPES
PLAN POSITION INDICATORS
RETROREFLECTORS
RT AIRBORNE EQUIPMENT
AIRPORT SURFACE DETECTION
EQUIPMENT

RADAR EQUIPMENT-(CONT)

AUTOMATED RADAR TERMINAL SYSTEM
DIGITAL RADAR SYSTEMS
DIPLEXERS
DISTANCE MEASURING EQUIPMENT
DOPPLER RADAR
∞ EQUIPMENT
JAMMERS
LOOK ANGLES (ELECTRONICS)
ONBOARD EQUIPMENT
PARABOLIC ANTENNAS
RADIO EQUIPMENT
RADOMES
RANGE FINDERS
SERVOMECHANISMS
SYNTHETIC APERTURE RADAR
TRANSPONDERS

RADAR FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
RADAR FILTERS
RADAR EQUIPMENT
RADAR FILTERS
RT FIR FILTERS
MICROWAVE FILTERS
RADANT
RADIO FILTERS
WAVEGUIDE FILTERS

RADAR GEOLOGY

GS GEOLOGY
RADAR GEOLOGY
RT GEOLOGICAL SURVEYS
SHUTTLE IMAGING RADAR

RADAR HOMING MISSILES

GS MISSILES
RADAR HOMING MISSILES
RT MILITARY TECHNOLOGY
MISSILE CONTROL
MISSILE SYSTEMS
TARGET RECOGNITION

RADAR IMAGERY

GS IMAGERY
RADAR IMAGERY
RT CHANGE DETECTION
EARTH RESOURCES SHUTTLE IMAGING
RADAR
IMAGE ANALYSIS
IMAGING RADAR
IMAGING TECHNIQUES
INFRARED RADAR
LUNAR EQUATOR
RESOLUTION CELL
SHUTTLE IMAGING RADAR
X RAY IMAGERY

RADAR MAPS

GS MAPS
RADAR MAPS
RT MAP MATCHING GUIDANCE
METEOROLOGICAL CHARTS

RADAR MEASUREMENT

GS RADAR
RADAR MEASUREMENT
RT DISTANCE MEASURING EQUIPMENT
∞ MEASUREMENT
RADIO ALTIMETERS
RANGEFINDING

RADAR NAVIGATION

GS NAVIGATION
RADAR NAVIGATION
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT GUIDANCE
ALL-WEATHER AIR NAVIGATION
AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
COLLISION AVOIDANCE
DEAD RECKONING
DISTANCE
DISTANCE MEASURING EQUIPMENT
DOPPLER NAVIGATION
DOPPLER RADAR
DOPPLER-FIZEAU EFFECT
GROUND BASED CONTROL
INERTIAL NAVIGATION
INTERPLANETARY NAVIGATION
MAP MATCHING GUIDANCE
RADARSCOPES
RADIO NAVIGATION

RADAR NAVIGATION-(CONT)

SATELLITE NAVIGATION SYSTEMS
SPACE NAVIGATION
SURFACE NAVIGATION
TACAN

RADAR NETWORKS

UF MULTIRADAR TRACKING
GS TRACKING NETWORKS
RADAR NETWORKS
RT DOPPLER RADAR
∞ NETWORKS
POLYSTATION DOPPLER TRACKING
SYSTEM
TRACKING STATIONS

RADAR OBSERVATION

USE RADAR TRACKING

RADAR PHOTOGRAPHY

GS IMAGERY
RADAR PHOTOGRAPHY
PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
RADAR PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
MICROWAVE PHOTOGRAPHY
RADARSCOPES
SPECTRAL RECONNAISSANCE
ULTRAVIOLET PHOTOGRAPHY

RADAR RANGE

GS DISTANCE
RADAR RANGE
RT CONTINUOUS WAVE RADAR
OPTICAL SLANT RANGE
OVER-THE-HORIZON RADAR
RADIO RANGE

RADAR RECEIVERS

GS RADAR EQUIPMENT
RADAR RECEIVERS
RECEIVERS
RADAR RECEIVERS
RT DIGITAL RADAR SYSTEMS
ELECTROMAGNETIC NOISE
MICROWAVE SENSORS
RADIO RECEIVERS
REPEATERS

RADAR RECEPTION

RT RADIO RECEPTION
∞ RECEIVING
SIDELOBE REDUCTION

RADAR REFLECTIONS

USE RADAR ECHOES

RADAR REFLECTORS

GS RADAR EQUIPMENT
RADAR REFLECTORS
RADAR CORNER REFLECTORS
REFLECTORS
RADAR REFLECTORS
RADAR CORNER REFLECTORS
RT PARABOLIC ANTENNAS
PARABOLIC REFLECTORS
RADIO ECHOES
SIDELOBE REDUCTION

RADAR RESOLUTION

GS RESOLUTION
RADAR RESOLUTION
RT ANGULAR RESOLUTION
DISPLAY DEVICES
HIGH RESOLUTION COVERAGE
ANTENNAS
SIDELOBE REDUCTION
SPECTRAL RESOLUTION

RADAR SCANNING

GS SCANNING
RADAR SCANNING
RADAR TARGET SCATTER SITE
PROGRAM
RT CONICAL SCANNING
DIGITAL RADAR SYSTEMS
FREQUENCY SCANNING
METEOROLOGICAL RADAR
MULTIPLE BEAM INTERVAL SCANNERS
PANORAMIC SCANNING
RADIO TRACKING
SIDE-LOOKING RADAR
SURVEILLANCE

RADAR SCATTERING

RADAR SCATTERING
 GS SCATTERING
 RT **RADAR SCATTERING**
 EISCAT RADAR SYSTEM (EUROPE)
 INCOHERENT SCATTER RADAR
 INCOHERENT SCATTERING
 SCATTEROMETERS

RADAR SIGNATURES
 GS SIGNATURES
 RT **RADAR SIGNATURES**
 COBRA DANE (RADAR)
 DETECTION
 IMAGERY
 SIGNATURE ANALYSIS
 TARGET RECOGNITION

RADAR TARGET SCATTER SITE PROGRAM
 UF RATSCAT PROGRAM
 GS PROGRAMS
RADAR TARGET SCATTER SITE PROGRAM
 SCANNING
 RADAR SCANNING
RADAR TARGET SCATTER SITE PROGRAM
 RT TARGETS

RADAR TARGETS
 GS TARGETS
 RT **RADAR TARGETS**
 DIGITAL RADAR SYSTEMS
 EARLY WARNING SYSTEMS
 RADIAL VELOCITY

RADAR TRACKING
 UF RADAR OBSERVATION
 GS TRACKING (POSITION)
 RT **RADAR TRACKING**
 AUTOMATED RADAR TERMINAL SYSTEM
 BALLISTIC MISSILE EARLY WARNING SYSTEM
 COMPENSATORY TRACKING
 DIGITAL RADAR SYSTEMS
 DOPPLER RADAR
 EARLY WARNING SYSTEMS
 METEOROLOGICAL RADAR
 MONOPULSE RADAR
 MOVING TARGET INDICATORS
 PURSUIT TRACKING
 RADIO TRACKING
 RANGE AND RANGE RATE TRACKING
 RANGEFINDING
 RAWINSONDES
 SEARCH RADAR
 SLEWING
 SPACECRAFT TRACKING
 SURVEILLANCE RADAR
 THREAT EVALUATION
 TRACKING RADAR
 TRANSPONDER CONTROL GROUP

RADAR TRANSMISSION
 GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
RADAR TRANSMISSION
 SIGNAL TRANSMISSION
RADAR TRANSMISSION
 RT ATMOSPHERIC ATTENUATION
 DIGITAL RADAR SYSTEMS
 EISCAT RADAR SYSTEM (EUROPE)
 ELECTROMAGNETIC PULSES
 RADIO TRANSMISSION
 RADOME MATERIALS
 WAVE ATTENUATION
 WAVE PROPAGATION

RADAR TRANSMITTERS
 GS RADAR EQUIPMENT
RADAR TRANSMITTERS
 TRANSMITTERS
RADAR TRANSMITTERS

RADARSAT
 GS CANADIAN SPACECRAFT
RADARSAT
 RT CANADIAN SPACE PROGRAM
 SYNTHETIC APERTURE RADAR

RADARSCOPES
 UF RADAR DISPLAYS
 GS DISPLAY DEVICES
RADARSCOPES
 PLAN POSITION INDICATORS

RADARSCOPES-(CONT)

RADARSCOPES
 RADAR EQUIPMENT
 PLAN POSITION INDICATORS

RADARSCOPES
 RT AIRCRAFT GUIDANCE
 INDICATING INSTRUMENTS
 MICROWAVE IMAGERY
 MICROWAVE PHOTOGRAPHY
 RADAR APPROACH CONTROL
 RADAR DETECTION
 RADAR NAVIGATION
 RADAR PHOTOGRAPHY
 SURVEILLANCE RADAR

RADIAL DISTRIBUTION
 GS DISTRIBUTION (PROPERTY)
 RT **RADIAL DISTRIBUTION**
 RAYLEIGH DISTRIBUTION
 STAR DISTRIBUTION
 WIND PROFILES

RADIAL DRAINAGE PATTERNS
 USE DRAINAGE PATTERNS

RADIAL FLOW
 GS FLUID FLOW
 RT **RADIAL FLOW**
 AXIAL FLOW
 CENTRIFUGAL COMPRESSORS
 DIFFUSION
 FLOW GEOMETRY
 GAS FLOW
 HEAT TRANSMISSION
 TWO DIMENSIONAL FLOW

RADIAL VELOCITY
 GS RATES (PER TIME)
 RT **RADIAL VELOCITY**
 VELOCITY
RADIAL VELOCITY
 ASTRONOMICAL SPECTROSCOPY
 DOPPLER EFFECT
 RADAR TARGETS
 RED SHIFT
 VELOCITY MEASUREMENT

RADIANCE
 SN (DIRECTIONAL EMISSION RATE PER UNIT AREA OF RADIATION)
 GS ELECTROMAGNETIC PROPERTIES
 OPTICAL PROPERTIES
RADIANCE
 RATES (PER TIME)
 FLUX DENSITY
 RADIANT FLUX DENSITY
 RT **RADIANCE**
 BLACK BODY RADIATION
 BRIGHTNESS
 EMISSIVITY
 EMITTANCE
 GLARE
 INCANDESCENCE
 INTENSITY
 IRRADIANCE
 LUMENS
 LUMINOSITY
 NEUTRON FLUX DENSITY
 SOLAR FLUX DENSITY
 TRANSMISSOMETERS
 VISIBILITY

RADIANCY
 SN (EMISSION RATE PER UNIT AREA OF RADIATION)
 GS RATES (PER TIME)
 FLUX DENSITY
 RADIANT FLUX DENSITY
 RT **RADIANCY**
 ELECTRON FLUX DENSITY
 ILLUMINANCE
 LUMINOUS INTENSITY
 NEUTRON FLUX DENSITY
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 SOLAR FLUX DENSITY

RADIANT COOLING
 GS COOLING
 RT **RADIANT COOLING**
 RADIATIVE HEAT TRANSFER
 SURFACE COOLING

RADIANT ENERGY
 USE RADIATION

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RADIANT FLUX DENSITY
 SN (DYNES/CM-SEC AS DISTINGUISHED FROM FROM RADIATION PRESSURE-DYNES/CM2)
 UF POWER DENSITY (ELECTROMAGNETIC)
 RADIANT INTENSITY
 RADIATION INTENSITY
 GS RATES (PER TIME)
 FLUX DENSITY
RADIANT FLUX DENSITY
 IRRADIANCE
 ILLUMINANCE
 SOLAR CONSTANT
 LUMENS
 LUMINOUS INTENSITY
 ILLUMINANCE
 LUMINANCE
 PARTICLE FLUX DENSITY
 ELECTRON FLUX DENSITY
 NEUTRON FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANCE
 RADIANCY
 SOLAR FLUX DENSITY
 SOLAR CONSTANT
 RT BL LACERTAE OBJECTS
 BRIGHTNESS
 BRIGHTNESS DISTRIBUTION
 DOSIMETERS
 EMISSIVITY
 EMITTANCE
 FAR FIELDS
 FLUX (RATE)
 GAMMA RAY BURSTS
 LASER OUTPUTS
 LUMINOSITY
 MASER OUTPUTS
 MASS TO LIGHT RATIOS
 POST-BLAST NUCLEAR RADIATION
 RADIATION
 RADIATION COUNTERS
 RADIATION PRESSURE
 RADIO SPECTRA
 SCATTERING FUNCTIONS
 SOLAR REFLECTORS
 SOUND INTENSITY
 VIEW EFFECTS

RADIANT HEATING
 UF RADIATION HEATING
 GS HEATING
 RT **RADIANT HEATING**
 ENERGY
 GAS HEATING
 RADIATION
 RADIATIVE HEAT TRANSFER
 RADIATIVE TRANSFER
 SOLAR HEATING

RADIANT INTENSITY
 USE RADIANT FLUX DENSITY

RADIATION
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 UF RADIANT ENERGY
 RADIATION EMISSION
 RT ALPHA PARTICLES
 ANTENNA RADIATION PATTERNS
 ARTIFICIAL RADIATION BELTS
 ATMOSPHERIC RADIATION
 BACKGROUND NOISE
 BACKGROUND RADIATION
 BASE HEATING
 BEAMS (RADIATION)
 BLACK BODY RADIATION
 Cerenkov Radiation
 CIRCUMSOLAR RADIATION
 COHERENT ACOUSTIC RADIATION
 COHERENT ELECTROMAGNETIC RADIATION
 COHERENT RADIATION
 CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 COSMIC RAYS
 CYCLOTRON RADIATION
 DIFFUSE RADIATION
 EARTH RADIATION BUDGET
 EXPERIMENT
 ELASTIC WAVES
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC RADIATION
 ELECTRON RADIATION
 EMISSION

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RADIATION-(CONT)

EXTRATERRESTRIAL RADIATION
 EXTREME ULTRAVIOLET RADIATION
 FALLOUT
 FAR INFRARED RADIATION
 FAR ULTRAVIOLET RADIATION
 FLUX (RATE)
 FLUX DENSITY
 GALACTIC RADIATION
 GAMMA RAYS
 GEOPHYSICS
 GRAVITATIONAL WAVES
 HARMONIC RADIATION
 HEATING
 INCIDENT RADIATION
 INFRARED RADIATION
 INNER RADIATION BELT
 INTERSTELLAR RADIATION
 ION CYCLOTRON RADIATION
 IONIZING RADIATION
 IRRADIATION
 KIRCHHOFF LAW OF RADIATION
 LIGHT (VISIBLE RADIATION)
 LONG WAVE RADIATION
 LONGITUDINAL WAVES
 LUNAR RADIATION
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 MICROWAVES
 MODULATED CONTINUOUS RADIATION
 MONOCHROMATIC RADIATION
 NEAR INFRARED RADIATION
 NEAR ULTRAVIOLET RADIATION
 NUCLEAR MEDICINE
 NUCLEAR RADIATION
 NUCLEON POTENTIAL
 OUTER RADIATION BELT
 PHOTONS
 PLANE WAVES
 PLANETARY RADIATION
 PLASMA RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZED RADIATION
 POST-BLAST NUCLEAR RADIATION
 PULSED RADIATION
 QUANTUM THEORY
 RADIANT FLUX DENSITY
 RADIANT HEATING
 RADIATION ABSORPTION
 RADIATION BELTS
 RADIATION CHEMISTRY
 RADIATION COUNTERS
 RADIATION DAMAGE
 RADIATION DETECTORS
 RADIATION DISTRIBUTION
 RADIATION DOSAGE
 RADIATION EFFECTS
 RADIATION HARDENING
 RADIATION HAZARDS
 RADIATION INJURIES
 RADIATION LAWS
 RADIATION MEASUREMENT
 RADIATION MEASURING INSTRUMENTS
 RADIATION METEOROID SPACECRAFT
 RADIATION PRESSURE
 RADIATION PROTECTION
 RADIATION PYROMETERS
 RADIATION SHIELDING
 RADIATION SICKNESS
 RADIATION SOURCES
 RADIATION SPECTRA
 RADIATION THERAPY
 RADIATION TOLERANCE
 RADIATION TRANSPORT
 RADIATION TRAPPING
 RADIATIVE TRANSFER
 RADIOACTIVITY
 RADIOLOGY
 REFLECTED WAVES
 RELIC RADIATION
 RESONANCE FLUORESCENCE
 SELF ABSORPTION
 SHORT WAVE RADIATION
 SILICON RADIATION DETECTORS
 SKY RADIATION
 SOLAR CORPUSCULAR RADIATION
 SOLAR RADIATION
 SOLAR RADIATION SHIELDING
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 SOLAR WIND
 SOUND WAVES
 SPECTRAL EMISSION
 STANDING WAVES
 STELLAR RADIATION

RADIATION-(CONT)

STOKES LAW OF RADIATION
 STRATOSPHERE RADIATION
 SYNCHROTRON RADIATION
 TEMPERATURE EFFECTS
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 TRAP PROGRAM
 TROPOSPHERIC RADIATION
 ULTRASONIC RADIATION
 ULTRAVIOLET RADIATION
 VOLTERRA EQUATIONS
 X RAY SOURCES

RADIATION ABSORPTION

GS RADIATION ABSORPTION
 ATMOSPHERIC ATTENUATION
 AURORAL ABSORPTION
 ELECTROMAGNETIC ABSORPTION
 AURORAL ABSORPTION
 GAMMA RAY ABSORPTION
 INFRARED ABSORPTION
 MULTIPHOTON ABSORPTION
 PHOTOABSORPTION
 POLAR CAP ABSORPTION
 ULTRAVIOLET ABSORPTION
 X RAY ABSORPTION
 MOLECULAR ABSORPTION
 SELF ABSORPTION
 RT ∞ ABSORPTION
 ABSORPTION CROSS SECTIONS
 GAMMA RAY ABSORPTIOMETRY
 GOLAY DETECTOR CELLS
 GRAY GAS
 INTERSTELLAR EXTINCTION
 MATERIAL ABSORPTION
 NEUTRON ABSORBERS
 NUCLEAR REACTIONS
 PHOTON ABSORPTIOMETRY
 ∞ RADIATION
 RADIATION CHEMISTRY
 STOPPING POWER

RADIATION AND METEOROID SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 RADIATION AND METEOROID SATELLITE

RADIATION BELTS

UF GEOMAGNETICALLY TRAPPED PARTICLES
 GS VAN ALLEN RADIATION BELTS
 EARTH ATMOSPHERE
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 PARTICLES
 CHARGED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 CORPUSCULAR RADIATION
 RADIATION BELTS
 TRAPPED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 RT AEROSPACE ENVIRONMENTS
 ∞ BELTS
 COSMIC RAYS
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON PRECIPITATION
 ELECTRON TRAJECTORIES
 ELECTRONS
 ELEMENTARY PARTICLES
 ENTRAPMENT
 EXOSPHERE
 EXTRATERRESTRIAL RADIATION
 IONIZING RADIATION
 IONOSPHERIC DRIFT
 MAGNETIC FIELDS
 MAGNETOSPHERE
 MIRROR POINT
 PLASMAS (PHYSICS)
 PROTON PRECIPITATION

RADIATION DISTRIBUTION

RADIATION BELTS-(CONT)

PROTONS
 ∞ RADIATION
 SOLAR RADIATION
 TRAPPING
 UPPER ATMOSPHERE

RADIATION CHEMISTRY

GS RADIATION CHEMISTRY
 PHOTODECOMPOSITION
 PHOTODISSOCIATION
 PHOTOLYSIS
 RT ∞ CHEMISTRY
 ELECTROMAGNETIC RADIATION
 ∞ RADIATION
 RADIATION ABSORPTION

RADIATION COUNTERS

UF IONIZATION COUNTERS
 PARTICLE COUNTERS
 PARTICLE DETECTORS
 GS MEASURING INSTRUMENTS
 COUNTERS
 RADIATION COUNTERS
 CERENKOV COUNTERS
 ELECTRON COUNTERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 QUANTUM COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
 CERENKOV COUNTERS
 ELECTRON COUNTERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 QUANTUM COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS
 RT BUBBLE CHAMBERS
 CHANNEL MULTIPLIERS
 CLOUD CHAMBERS
 COINCIDENCE CIRCUITS
 DOSIMETERS
 ELECTROSTATIC PROBES
 FLUENCE
 GAS DISCHARGE TUBES
 HODOSCOPES
 ION TRAPS (INSTRUMENTATION)
 IONIZATION CHAMBERS
 IONIZING RADIATION
 NUCLEAR EMULSIONS
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANT FLUX DENSITY
 ∞ RADIATION
 SPECTROMETERS

RADIATION DAMAGE

GS DAMAGE
 RADIATION DAMAGE
 LASER DAMAGE
 RADIATION EFFECTS
 RADIATION DAMAGE
 RT IONIZING RADIATION
 ∞ RADIATION
 SINGLE EVENT UPSETS

RADIATION DETECTORS

GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
 RADIATION DETECTORS
 DOSIMETERS
 THRESHOLD DETECTORS
 (DOSIMETERS)
 GOLAY DETECTOR CELLS
 SILICON RADIATION DETECTORS
 RT ∞ DETECTORS
 GEIGER COUNTERS
 HEALTH PHYSICS
 MULTI-ANODE MICROCHANNEL ARRAYS
 ∞ RADIATION
 SATELLITE-BORNE INSTRUMENTS
 VELA SATELLITES

RADIATION DISTRIBUTION

UF RADIATION FIELDS
 GS DISTRIBUTION (PROPERTY)

RADIATION DOSAGE

RADIATION DISTRIBUTION-(CONT)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIELD THEORY (PHYSICS)
FLUX DENSITY
NULL ZONES
∞ PATTERNS
∞ RADIATION
VERTICAL DISTRIBUTION
WAVE DISPERSION

RADIATION DOSAGE
UF RADIATION EXPOSURE
GS DOSAGE
RADIATION DOSAGE
RT BIOLOGICAL EFFECTS
DOSIMETERS
EXPOSURE
HEALTH PHYSICS
IRRADIATION
∞ RADIATION
SINGLE EVENT UPSETS

RADIATION EFFECTS
GS **RADIATION EFFECTS**
LASER DAMAGE
RADIATION DAMAGE
RADIATION INJURIES
RADIOLYSIS
SINGLE EVENT UPSETS
RT BIOLOGICAL EFFECTS
BLACKOUT (PROPAGATION)
BRAGG CURVE
DAMAGE
DOSIMETERS
∞ EFFECTS
ELECTRON RADIATION
FALLOUT
GAMMA RAYS
HEALTH PHYSICS
HEMATOPOIESIS
IRRADIATION
MECHANICAL PROPERTIES
NEUTRONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR RADIATION
NUCLEAR VULNERABILITY
PARTICLE TRACKS
PHYSIOLOGICAL EFFECTS
POST-BLAST NUCLEAR RADIATION
POYNTING-ROBERTSON EFFECT
PRESERVING
∞ RADIATION
RADIOACTIVE CONTAMINANTS
SPACE BASED RADAR

RADIATION EMISSION
USE RADIATION

RADIATION EXPOSURE
USE RADIATION DOSAGE

RADIATION FIELDS
USE RADIATION DISTRIBUTION

RADIATION HARDENING
RT ANTENNAS
ELECTRONIC EQUIPMENT
∞ RADIATION

RADIATION HAZARDS
GS HAZARDS
RADIATION HAZARDS
RT DERMATITIS
DOSIMETERS
ELECTROMAGNETIC RADIATION
FALLOUT
FLUX DENSITY
HEALTH PHYSICS
IONIZING RADIATION
LASER DAMAGE
MUTATIONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
OPERATIONAL HAZARDS
∞ RADIATION
RADIOACTIVE CONTAMINANTS

RADIATION HAZARDS-(CONT)
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY
REACTOR SAFETY

RADIATION HEATING
USE RADIANT HEATING

RADIATION INJURIES
GS INJURIES
RADIATION INJURIES
RADIATION EFFECTS
RADIATION INJURIES
RT BURNS (INJURIES)
HEALTH PHYSICS
∞ RADIATION

RADIATION INTENSITY
USE RADIANT FLUX DENSITY

RADIATION LAWS
GS LAWS
RADIATION LAWS
KIRCHHOFF LAW OF RADIATION
STEFAN-BOLTZMANN LAW
STOKES LAW OF RADIATION
RT ELECTROMAGNETIC RADIATION
QUANTUM THEORY
∞ RADIATION

RADIATION MEASUREMENT
RT DOSAGE
DOSIMETERS
IRRADIATION
∞ MEASUREMENT
∞ RADIATION
SENSITOMETRY

RADIATION MEASURING INSTRUMENTS
UF PHOTOELECTROMAGNETIC DETECTORS
PHOTOSENSORS
RADIATION METERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
PYRANOMETERS
RADIOMETERS
DICKE RADIOMETERS
INFRARED DETECTORS
INFRARED SCANNERS
MICROWAVE RADIOMETERS
PASSIVE L-BAND RADIOMETERS
PRESSURE MODULATOR
RADIOMETERS
SPECTORADIOMETERS
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
ULTRAVIOLET
ULTRAVIOLET SPECTROMETERS
BOLOMETERS
EBERT SPECTROMETERS
ELECTROSTATIC PROBES
FABRY-PEROT SPECTROMETERS
HODOSCOPES
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
INFRARED SCANNERS
INFRARED SPECTROMETERS
INFRARED SPECTROPHOTOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
RADIATION COUNTERS
CERENKOV COUNTERS
ELECTRON COUNTERS
GEIGER COUNTERS
NEUTRON COUNTERS
NEUTRON SPECTROMETERS
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
QUANTUM COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS
RADIATION DETECTORS
DOSIMETERS

NASA THESAURUS (VOLUME 1)

RADIATION MEASURING INSTRUMENTS-(CONT.)
THRESHOLD DETECTORS
(DOSIMETERS)
GOLAY DETECTOR CELLS
SILICON RADIATION DETECTORS
RIOMETERS
RT ∞ DETECTORS
EARTH RADIATION BUDGET
EXPERIMENT
HEALTH PHYSICS
IONIZATION CHAMBERS
MONITORS
NUCLEAR EMULSIONS
OPTICAL MEASURING INSTRUMENTS
∞ RADIATION
SAFETY DEVICES
SOLAR INSTRUMENTS
VELA SATELLITES
VIEW EFFECTS

RADIATION MEDICINE
USE NUCLEAR MEDICINE

RADIATION METEOROID SPACECRAFT
RT METEORIODS
∞ RADIATION
∞ SPACECRAFT
SPACECRAFT CONFIGURATIONS

RADIATION METERS
USE RADIATION MEASURING INSTRUMENTS

RADIATION NOISE
USE ELECTROMAGNETIC NOISE

RADIATION PRESSURE
SN (DYNES PER CM SQUARED, AS
DISTINGUISHED FROM RADIANT FLUX
DENSITY--DYNES PER CM-SEC)
GS PRESSURE
RADIATION PRESSURE
ELECTRON PRESSURE
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
SOUND PRESSURE
RT BAROCLINIC WAVES
BESSEL-BREDICHIN THEORY
COMET TAILS
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
KOHOUTEK COMET
PARTICLE FLUX DENSITY
PERTURBATION
PHOTOPHORESIS
RADIANT FLUX DENSITY
∞ RADIATION
SOLAR FLUX DENSITY
SOLAR RADIATION
SOLAR WIND
STELLAR WINDS

RADIATION PROTECTION
GS PROTECTION
RADIATION PROTECTION
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
RT ANTIRADIATION DRUGS
HEALTH PHYSICS
∞ RADIATION
SYNCHROTRON RADIATION
THERMAL PROTECTION
VISORS

RADIATION PYROMETERS
GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
PYROMETERS
RADIATION PYROMETERS
RT BOLOMETERS
CIRCUMSOLAR TELESCOPES
OPTICAL PYROMETERS
∞ RADIATION
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RADIATION RESISTANCE
USE RADIATION TOLERANCE

RADIATION SHIELDING
UF NUCLEAR SHIELDING

RADIATION SHIELDING-(CONT)

GS PROTECTION
 RADIATION PROTECTION
RADIATION SHIELDING
 SOLAR RADIATION SHIELDING
 SHIELDING
RADIATION SHIELDING
 SOLAR RADIATION SHIELDING
 RT ABSORBERS (MATERIALS)
 ATTENUATORS
 BORAL
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC SHIELDING
 GAMMA RAYS
 ∞ INSULATED STRUCTURES
 MAGNETIC SHIELDING
 NEUTRON ABSORBERS
 NEUTRON FLUX DENSITY
 NEUTRONS
 NUCLEAR REACTORS
 PROTONS
 ∞ RADIATION
 RADIO FREQUENCY SHIELDING
 REACTOR MATERIALS
 REFLECTORS
 SAFETY DEVICES
 SPACE BASED RADAR
 SPACECRAFT SHIELDING
 STOPPING POWER
 TOWER SHIELDING REACTOR 2

RADIATION SICKNESS

GS DISEASES
RADIATION SICKNESS
 RT ANTIRADIATION DRUGS
 DERMATITIS
 HEALTH PHYSICS
 ∞ RADIATION
 RADIOPATHOLOGY

RADIATION SOURCES

UF COHERENT SOURCES
 GS **RADIATION SOURCES**
 MONOCHROMATORS
 NEUTRON SOURCES
 POINT SOURCES
 RT CORPUSCULAR RADIATION
 DUOCHROMATORS
 ELECTROMAGNETIC RADIATION
 ELECTRON SOURCES
 EXTARS
 EXTRAGALACTIC RADIO SOURCES
 ∞ GENERATORS
 HEAT SOURCES
 INTERSTELLAR MASERS
 ION SOURCES
 LIGHT SOURCES
 PULSARS
 ∞ RADIATION
 RADIO SOURCES (ASTRONOMY)
 RADIOACTIVE MATERIALS
 SOUND GENERATORS
 ∞ SOURCES

RADIATION SPECTRA

GS SPECTRA
RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 GAMMA RAY SPECTRA
 INFRARED SPECTRA
 LINE SPECTRA
 BALMER SERIES
 D LINES
 ELECTRONIC SPECTRA
 FRAUNHOFER LINES
 H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 TELLURIC LINES
 RADIO SPECTRA
 MICROWAVE SPECTRA
 RAMAN SPECTRA
 STELLAR SPECTRA
 SOLAR SPECTRA
 UVB SPECTRA
 ULTRAVIOLET SPECTRA
 VIBRATIONAL SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA
 EMISSION SPECTRA

RADIATION SPECTRA-(CONT)

RT HERZBERG BANDS
 ASTRONOMICAL SPECTROSCOPY
 COSMIC BACKGROUND EXPLORER
 SATELLITE
 ENERGY SPECTRA
 GAMMA RAY SPECTRA
 MASS SPECTRA
 NOISE SPECTRA
 PLASMA SPECTRA
 ∞ RADIATION

RADIATION THERAPY

UF RADIOTHERAPY
 GS THERAPY
RADIATION THERAPY
 RT CANCER
 MEDICAL SCIENCE
 PATHOLOGY
 ∞ RADIATION

RADIATION TOLERANCE

UF RADIATION RESISTANCE
 RADIOSENSITIVITY
 GS SENSITIVITY
RADIATION TOLERANCE
 TOLERANCES (PHYSIOLOGY)
RADIATION TOLERANCE
 RT HUMAN TOLERANCES
 IRRADIATION
 ∞ RADIATION
 ∞ RESISTANCE
 TOLERANCES (MECHANICS)

RADIATION TRANSPORT

RT EXPLODING WIRES
 ∞ RADIATION
 RADIATIVE TRANSFER
 TRANSPORT PROPERTIES

RADIATION TRAPPING

RT ARGON
 EXCITATION
 MAGNETOSPHERE
 METASTABLE STATE
 PLASMA PHYSICS
 ∞ RADIATION

RADIATIVE HEAT TRANSFER

GS RADIATIVE TRANSFER
RADIATIVE HEAT TRANSFER
 TRANSMISSION
 HEAT TRANSMISSION
 HEAT TRANSFER
RADIATIVE HEAT TRANSFER
 RT CONCENTRATORS
 CONVECTIVE HEAT TRANSFER
 COOLING FINS
 HEAT RADIATORS
 INFRARED REFLECTION
 NEAR INFRARED RADIATION
 RADIANT COOLING
 RADIANT HEATING
 SATELLITE TEMPERATURE
 SPACECRAFT RADIATORS
 STEFAN-BOLTZMANN LAW
 SURFACE COOLING
 THERMOHYDRAULICS
 TROMBE WALLS
 VIEW EFFECTS

RADIATIVE LIFETIME

RT DECAY
 HALF LIFE

RADIATIVE RECOMBINATION

GS RECOMBINATION REACTIONS
 ELECTRON RECOMBINATION
RADIATIVE RECOMBINATION
 ELECTRON-ION RECOMBINATION
RADIATIVE RECOMBINATION
 RT AIRGLOW
 ATOMIC RECOMBINATION
 CARRIER INJECTION
 DEIONIZATION
 LIGHTNING

RADIATIVE TRANSFER

GS **RADIATIVE TRANSFER**
 RADIATIVE HEAT TRANSFER
 RT ATMOSPHERIC CORRECTION
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 ENERGY TRANSFER
 EXTRATERRESTRIAL RADIATION

RADIATIVE TRANSFER-(CONT)

GALACTIC RADIATION
 HEAT TRANSFER
 HEAT TRANSMISSION
 INTERSTELLAR RADIATION
 NEAR INFRARED RADIATION
 PLANETARY ATMOSPHERES
 POLARIZED ELECTROMAGNETIC
 RADIATION
 RADIANT HEATING
 ∞ RADIATION
 RADIATION TRANSPORT
 RADIO BURSTS
 RADIO STARS
 SOLAR RADIATION
 STELLAR ATMOSPHERES
 STELLAR RADIATION

∞ RADIATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANTENNAS
 HEAT RADIATORS
 SOUND TRANSDUCERS
 THERMOSIPHONS

RADICALS

GS **RADICALS**
 FORMYL IONS
 FREE RADICALS
 HYDROXYL RADICALS
 VANADYL RADICAL
 VINYL RADICAL
 RT ∞ ROOTS

RADII

UF RADIUS
 GS DIMENSIONS
RADII
 LARMOR RADIUS
 GEOMETRY
 EUCLIDEAN GEOMETRY
RADII
 RT CIRCLES (GEOMETRY)
 CIRCUMFERENCES
 DIAMETERS
 LINES (GEOMETRY)
 RADIO FREQUENCIES
 SEGMENTS

RADIO ALTIMETERS

UF RADAR ALTIMETERS
 GS AIRCRAFT INSTRUMENTS
 ALTIMETERS
RADIO ALTIMETERS
 FLIGHT INSTRUMENTS
RADIO ALTIMETERS
 MEASURING INSTRUMENTS
 DISTANCE MEASURING EQUIPMENT
 ALTIMETERS
RADIO ALTIMETERS
 RT AUTOMATIC PILOTS
 INSTRUMENT LANDING SYSTEMS
 RADAR MEASUREMENT

RADIO ANTENNAS

GS ANTENNAS
RADIO ANTENNAS
 MICROWAVE ANTENNAS
 SPACETENNAS
 RADIO EQUIPMENT
RADIO ANTENNAS
 RT AIRCRAFT ANTENNAS
 DIRECTIONAL ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 RECEPTION DIVERSITY
 RHOMBIC ANTENNAS
 SATELLITE ANTENNAS
 SCHWARZSCHILD ANTENNAS
 TWO REFLECTOR ANTENNAS
 WHIP ANTENNAS

RADIO ASTRONOMY

GS ASTRONOMY
RADIO ASTRONOMY
 RT ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL SPECTROSCOPY
 BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 CORONAL HOLES
 EXTRAGALACTIC RADIO SOURCES
 EXTRATERRESTRIAL RADIO WAVES
 GAMMA RAY ASTRONOMY
 IUE

RADIO ASTRONOMY EXPLORER B

RADIO ASTRONOMY-(CONT)

LINEAR POLARIZATION
MAFFEI GALAXIES
MICHELSON INTERFEROMETERS
PHASE SWITCHING INTERFEROMETERS
PULSARS
QUASARS
QUASAT
RADAR ASTRONOMY
SAS-2
SAS-3
∞ SCIENCE
VERY HIGH FREQUENCY RADIO
EQUIPMENT
VERY LONG BASE INTERFEROMETRY

RADIO ASTRONOMY EXPLORER B

USE EXPLORER 49 SATELLITE

RADIO ASTRONOMY EXPLORER SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
RADIO ASTRONOMY EXPLORER
SATELLITE

RADIO ASTRONOMY EXPLORER 2

USE EXPLORER 49 SATELLITE

RADIO ATTENUATION

UF RADIO SIGNAL ATTENUATION
GS ATTENUATION
WAVE ATTENUATION
RADIO ATTENUATION
MANDELSTAM REPRESENTATION
RT ATMOSPHERIC ATTENUATION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE
TRANSMISSION
GROUND EFFECT (COMMUNICATIONS)
RADAR ATTENUATION
SIGNAL TRANSMISSION
TRANSHORIZON RADIO PROPAGATION
TRANSMISSION
WAVE PROPAGATION

RADIO ATTENUATION MEASUREMENT PROJECT

UF RAM PROJECT
GS PROGRAMS
PROJECTS
RADIO ATTENUATION
MEASUREMENT PROJECT

RADIO AURORAS

GS ATMOSPHERIC RADIATION
AURORAS
RADIO AURORAS
RT ∞ DISTURBANCES
IONOSPHERICS
NIGHTGLOW
SOLAR ACTIVITY

RADIO BEACONS

UF RADIO RANGES
GS NAVIGATION AIDS
BEACONS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
TRANSMITTERS
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RT AIRPORT BEACONS
BEACON COLLISION AVOIDANCE
SYSTEM
HOMING DEVICES
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
∞ MARKERS
NIGHT FLIGHTS (AIRCRAFT)
ORBIS
ORBIS CAL SATELLITE
RANGES (FACILITIES)
SOLAR COMPASSES

RADIO BROADCASTING

USE BROADCASTING

RADIO BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT ∞ DISTURBANCES
PULSARS
QUASARS
RADIATIVE TRANSFER
SOLAR RADIO EMISSION
STELLAR RADIATION

RADIO COMMUNICATION

GS TELECOMMUNICATION
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RADIO TELEGRAPHY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEPHONY
RT ACCESS CONTROL
AIRCRAFT COMMUNICATION
BLACKOUT (PROPAGATION)
BROADCASTING
CIRCUMLUNAR COMMUNICATION
CODE DIVISION MULTIPLEXING
COMMUNICATION EQUIPMENT
COMMUNICATION NETWORKS
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY DIVISION MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLEXING
GROUND-AIR-GROUND COMMUNICATION
INTERPLANETARY COMMUNICATION
INTERSTELLAR COMMUNICATION
LAND MOBILE SATELLITE SERVICE
LUNAR COMMUNICATION
MARISAT SATELLITES
MARISAT 1 SATELLITE
MOBILE COMMUNICATION SYSTEMS
MSAT
NASCOM NETWORK
POINT TO POINT COMMUNICATION
PROJECT SETI
PULSE COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION
SHIP TO SHORE COMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEVISION SYSTEMS
TRANSOCEANIC COMMUNICATION
UNDERGROUND COMMUNICATION
VOCODERS
VOICE COMMUNICATION

RADIO CONTROL

GS REMOTE CONTROL
RADIO CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
∞ CONTROL

NASA THESAURUS (VOLUME 1)

RADIO CONTROL-(CONT)

DEEP SPACE INSTRUMENTATION
FACILITY
GROUND BASED CONTROL
MISSILE CONTROL
SPACECRAFT CONTROL

RADIO DIRECTION FINDERS

UF DIRECTION FINDERS (RADIO)
RADAR DIRECTION FINDERS
GS AIRCRAFT INSTRUMENTS
POSITION INDICATORS
RADIO DIRECTION FINDERS
DISPLAY DEVICES
POSITION INDICATORS
RADIO DIRECTION FINDERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
POSITION INDICATORS
RADIO DIRECTION FINDERS
NAVIGATION AIDS
BEACONS
RADIO DIRECTION FINDERS
NAVIGATION INSTRUMENTS
RADIO DIRECTION FINDERS
RT AIRCRAFT EQUIPMENT
COMPASSES
DIRECTION FINDING
FLIGHT INSTRUMENTS
GYROCOMPASSES
HOMING
HOMING DEVICES
RADIOGONIOMETERS
VHF OMNIRANGE NAVIGATION

RADIO ECHOES

UF RADIO REFLECTION
GS ECHOES
RADIO ECHOES
RT ANGELS
AURORAL ECHOES
GHOSTS
HARVARD RADIO METEOR PROJECT
INFRARED REFLECTION
LUNAR ECHOES
RADAR REFLECTORS
ULTRAVIOLET REFLECTION

RADIO ELECTRONICS

RT ∞ ELECTRONICS

RADIO EMISSION

GS DECAY
EMISSION
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT EXTRAGALACTIC RADIO SOURCES
EXTRATERRESTRIAL RADIO WAVES
QUASARS

RADIO EQUIPMENT

GS RADIO EQUIPMENT
RADIO ANTENNAS
RADIO FILTERS
RADIO RECEIVERS
SUPERHETERODYNE RECEIVERS
TRANSMITTER RECEIVERS
WHISTLER RECORDERS
RADIO TELESCOPES
RADIO TRANSMITTERS
RADIO BEACONS

RADIO EQUIPMENT-(CONT)

OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 RADIOTELEPHONES
 SONOBUOYS
 TRANSMITTER RECEIVERS
 RECEPTION DIVERSITY
 SPACECRAFT ANTENNAS
 TRANSPONDERS
 VERY HIGH FREQUENCY RADIO EQUIPMENT

RT AIRBORNE EQUIPMENT
 ANTENNAS
 BROADCASTING
 COMMUNICATION EQUIPMENT
 CRYSTAL FILTERS
 CYLINDRICAL ANTENNAS
 JAMMERS
 NEAR FIELDS
 ONBOARD EQUIPMENT
 RADAR EQUIPMENT

RADIO FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 ELECTRIC FILTERS
 RADIO FILTERS
 RADIO EQUIPMENT
 RADIO FILTERS
 RT CRYSTAL FILTERS
 ∞ FILTERS
 INTERFERENCE GRATING
 MICROWAVE FILTERS
 RADAR FILTERS

RADIO FREQUENCIES

GS FREQUENCIES
 RADIO FREQUENCIES
 EXTREMELY LOW RADIO FREQUENCIES
 HIGH FREQUENCIES
 LOW FREQUENCIES
 SUBAUDIBLE FREQUENCIES
 VERY LOW FREQUENCIES
 LOW FREQUENCY BANDS
 VERY LOW FREQUENCIES
 MICROWAVE FREQUENCIES
 C BAND
 EXTREMELY HIGH FREQUENCIES
 P BAND
 SUPERHIGH FREQUENCIES
 ULTRAHIGH FREQUENCIES
 P BAND
 VERY HIGH FREQUENCIES
 P BAND
 RT AUDIO FREQUENCIES
 CARRIER FREQUENCIES
 EXTREMELY LOW FREQUENCIES
 INTERMEDIATE FREQUENCIES
 RADIO

RADIO FREQUENCY DISCHARGE

GS ELECTRIC CURRENT
 ELECTRIC DISCHARGES
 RADIO FREQUENCY DISCHARGE
 RT ELECTRODELESS DISCHARGES
 ELECTRON EMISSION
 RING DISCHARGE

RADIO FREQUENCY HEATING

GS HEATING
 RADIO FREQUENCY HEATING
 RT INDUCTION HEATING
 PLASMA HEATING

RADIO FREQUENCY IMPEDANCE PROBES

GS MEASURING INSTRUMENTS
 IMPEDANCE PROBES
 RADIO FREQUENCY IMPEDANCE PROBES
 RT IMPEDANCE MEASUREMENT
 ION PROBES
 MICROWAVE PROBES
 PLASMA PROBES

RADIO FREQUENCY INTERFERENCE

UF RADIO INTERFERENCE
 GS ELECTROMAGNETIC INTERFERENCE
 RADIO FREQUENCY INTERFERENCE
 BLACKOUT (PROPAGATION)
 ELECTROMAGNETIC NOISE
 ATMOSPHERICS

RADIO FREQUENCY INTERFERENCE-(CONT)

IONOSPHERICS
 DAWN CHORUS
 HISS
 SUDDEN ENHANCEMENT OF ATMOSPHERICS
 WHISTLERS
 COSMIC NOISE
 IONOSPHERIC NOISE
 WHISTLERS
 SHOT NOISE
 WHITE NOISE
 THERMAL NOISE
 IONOSPHERIC CROSS MODULATION
 POLAR RADIO BLACKOUT
 CHIRP
 CHIRP SIGNALS

RT CLUTTER
 CROSS COUPLING
 ELECTROMAGNETIC COMPATIBILITY
 ELECTRONIC COUNTERMEASURES
 ELECTRONIC WARFARE
 EXTRATERRESTRIAL RADIO WAVES
 ∞ INTERFERENCE
 INTERFERENCE GRATING
 INTERFERENCE IMMUNITY
 JAMMING
 NOISE GENERATORS
 NOISE STORMS
 SIGNAL FADING

RADIO FREQUENCY ION THRUSTOR ENGINES

USE RIT ENGINES
 USE ELECTROMAGNETIC NOISE

RADIO FREQUENCY RADIATION

USE RADIO WAVES

RADIO FREQUENCY SHIELDING

GS SHIELDING
 ELECTROMAGNETIC SHIELDING
 RADIO FREQUENCY SHIELDING
 RT RADIATION SHIELDING
 SPACECRAFT SHIELDING

RADIO GALAXIES

GS CELESTIAL BODIES
 GALAXIES
 RADIO GALAXIES
 RADIO SOURCES (ASTRONOMY)
 EXTRAGALACTIC RADIO SOURCES
 RADIO GALAXIES
 RT DISK GALAXIES
 MAFFEI GALAXIES
 QUASARS

RADIO HORIZONS

GS HORIZON
 RADIO HORIZONS
 RT HORIZON SCANNERS

RADIO INTERFERENCE

USE RADIO FREQUENCY INTERFERENCE

RADIO INTERFEROMETERS

GS MEASURING INSTRUMENTS
 INTERFEROMETERS
 RADIO INTERFEROMETERS
 RT ASTROPHYSICS
 ORION (RADIO INTERFEROMETRY NETWORK)
 VERY LONG BASE INTERFEROMETRY

RADIO METEOROLOGY

GS METEOROLOGY
 RADIO METEOROLOGY
 RT ATMOSPHERICS
 METEOROLOGICAL RADAR
 RADIOSONDES

RADIO METEORS

GS CELESTIAL BODIES
 METEORIODS
 RADIO METEORS
 RT ATMOSPHERIC IONIZATION
 METEOR TRAILS

RADIO NAVIGATION

GS NAVIGATION
 RADIO NAVIGATION
 HYPERBOLIC NAVIGATION
 DECCA NAVIGATION

RADIO NAVIGATION-(CONT)

LORAC NAVIGATION SYSTEM
 LORAN
 LORAN C
 LORAN D
 SHORAN
 TACAN
 VHF OMNIRANGE NAVIGATION
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 ALL WEATHER AIR NAVIGATION
 ASTRONAVIGATION
 AUTOMATIC FLIGHT CONTROL
 CELESTIAL NAVIGATION
 COLLISION AVOIDANCE
 DEAD RECKONING
 DISTANCE MEASURING EQUIPMENT
 DOPPLER NAVIGATION
 FLIGHT CONTROL
 GUIDANCE (MOTION)
 HOMING DEVICES
 INERTIAL NAVIGATION
 INTERPLANETARY NAVIGATION
 NAVIGATION AIDS
 OMNIDIRECTIONAL RADIO RANGES
 POSITIONING
 RADAR NAVIGATION
 SATELLITE NAVIGATION SYSTEMS
 SOLAR COMPASSES
 SPACE NAVIGATION
 SURFACE NAVIGATION

RADIO OBSERVATION

RT OBSERVATION
 SPACE OBSERVATIONS (FROM EARTH)

RADIO OCCULTATION

GS OCCULTATION
 RADIO OCCULTATION
 RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PRESSURE
 ATMOSPHERIC TEMPERATURE
 PLANETARY ATMOSPHERES
 SPACE PROBES
 SPACECRAFT TRAJECTORIES

RADIO PHYSICS

RT ∞ PHYSICS
 ∞ SCIENCE
 THEORETICAL PHYSICS

RADIO PROBING

RT MEASURING INSTRUMENTS
 ∞ PROBES

RADIO PROPAGATION

USE RADIO TRANSMISSION

RADIO RANGE

SN (EXCLUDES RADIO BEACONS)
 GS DISTANCE
 RADIO RANGE
 RANGE (EXTREMES)
 FREQUENCY RANGES
 RADIO RANGE
 RT RADAR RANGE

RADIO RANGES

USE RADIO BEACONS

RADIO RECEIVERS

GS COMMUNICATION EQUIPMENT
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 TRANSMITTER RECEIVERS
 WHISTLER RECORDERS
 RADIO EQUIPMENT
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 TRANSMITTER RECEIVERS
 WHISTLER RECORDERS
 RECEIVERS
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 RT DATA LINKS
 DIRECTORS (ANTENNA ELEMENTS)
 ELECTROMAGNETIC NOISE
 INTERMEDIATE FREQUENCY AMPLIFIERS
 LOUDSPEAKERS
 ORION (RADIO INTERFEROMETRY NETWORK)
 RADAR RECEIVERS
 RECEPTION DIVERSITY
 TELEVISION RECEPTION

RADIO RECEPTION

RADIO RECEIVERS-(CONT)

TRANSPONDERS
TUNERS

RADIO RECEPTION

RT HOMODYNE RECEPTION
RADAR RECEPTION
∞ RECEIVING
RECEPTION DIVERSITY
SCATTER PROPAGATION
TELEVISION RECEPTION

RADIO REFLECTION

USE RADIO ECHOES

RADIO RELAY SYSTEMS

GS TELECOMMUNICATION
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RT COMMUNICATION EQUIPMENT
COMMUNICATION SATELLITES
DATA LINKS
DEFENSE COMMUNICATIONS SATELLITE
SYSTEM
EARTH TERMINAL MEASUREMENT
SYSTEM
EARTH TERMINALS
GLOBAL TRACKING NETWORK
MOLNIYA SATELLITES
MSAT
ORBIT SPECTRUM UTILIZATION
∞ RELAY
∞ SYSTEMS
TDR SATELLITES

RADIO SCATTERING

RT ATMOSPHERIC DIFFUSION
ATMOSPHERIC SCATTERING
SCATTER PROPAGATION
SIGNAL FADING
SIGNAL TRANSMISSION

RADIO SIGNAL ATTENUATION

USE RADIO ATTENUATION

RADIO SIGNAL PROPAGATION

USE RADIO TRANSMISSION

RADIO SIGNALS

RT BROADCASTING
PROJECT SETI
SIGNAL DISTORTION
SIGNAL MIXING
∞ SIGNALS
TRANSHORIZON RADIO PROPAGATION
WHISTLERS

RADIO SOURCES (ASTRONOMY)

SN (LIMITED TO EXTRATERRESTRIAL RADIO
SOURCES)
GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A
EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
QUASARS
RADIO STARS
PULSARS
RT BL LACERTAE OBJECTS
CN EMISSION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC NUCLEI
GALAXIES
HYDROXYL EMISSION
MAFFEI GALAXIES
MILKY WAY GALAXY
RADIATION SOURCES
∞ SOURCES

RADIO SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
RADIO SPECTRA
MICROWAVE SPECTRA
RT CARRIER WAVES
ELECTROMAGNETIC NOISE
RADIANT FLUX DENSITY

RADIO SPECTROSCOPY

GS SPECTROSCOPY
RADIO SPECTROSCOPY

RADIO SPECTROSCOPY-(CONT)

RT ASTRONOMICAL SPECTROSCOPY
ULTRAVIOLET SPECTRA
ULTRAVIOLET SPECTROSCOPY
X RAY SPECTROSCOPY

RADIO STARS

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
RADIO STARS
PULSARS
STARS
RADIO STARS
PULSARS
RT QUASARS
RADIATIVE TRANSFER
STELLAR RADIATION

RADIO TELEGRAPHY

GS TELECOMMUNICATION
RADIO COMMUNICATION
RADIO TELEGRAPHY
RT COMMUNICATION EQUIPMENT
KEYING
MORSE CODE

RADIO TELEMETRY

GS TELECOMMUNICATION
RADIO COMMUNICATION
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
RT COMMUNICATION EQUIPMENT
DATA TRANSMISSION
EXTRATERRESTRIAL COMMUNICATION
GROUND SUPPORT EQUIPMENT
MEASURING INSTRUMENTS
PULSE MODULATION
RADIOMETEOROGRAPHS
RADIOSONDES
SPACE COMMUNICATION
WIRELESS COMMUNICATION

RADIO TELESCOPES

GS RADIO EQUIPMENT
RADIO TELESCOPES
TELESCOPES
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
RT ANTENNAS
ASTRONOMICAL TELESCOPES
JODRELL BANK OBSERVATORY
OPTICAL EQUIPMENT
PHASE SWITCHING INTERFEROMETERS
QUASAT

RADIO TRACKING

GS TRACKING (POSITION)
RADIO TRACKING
WILDLIFE RADIOLOCATION
RT RADAR SCANNING
RADAR TRACKING
RANGE AND RANGE RATE TRACKING
RANGEFINDING
RAWINSONDES
SPACECRAFT TRACKING

RADIO TRANSMISSION

UF RADIO PROPAGATION
RADIO SIGNAL PROPAGATION
GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SPREAD SPECTRUM TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSHORIZON RADIO
PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION

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RADIO TRANSMISSION-(CONT)

DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSHORIZON RADIO
PROPAGATION
RT ANTIPODES
ATMOSPHERIC ATTENUATION
BROADCASTING
CODE DIVISION MULTIPLEXING
COMPANDING
DATA TRANSMISSION
FREQUENCY REUSE
FREQUENCY SHIFT KEYING
MAGNETOIONICS
MODULATION
MULTIPLEXING
PACKET SWITCHING
PULSE COMMUNICATION
PULSE FREQUENCY MODULATION
TELEMETRY
RADAR TRANSMISSION
RADOME MATERIALS
SATELLITE TRANSMISSION
SCATTER PROPAGATION
SEAFARER PROJECT
SOMMERFELD APPROXIMATION
SYMPHONIE SATELLITES
VOICE OF AMERICA
WAVE ATTENUATION
WAVE PROPAGATION

RADIO TRANSMITTERS

GS RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RADIOTELEPHONES
SONOBUOYS
TRANSMITTER RECEIVERS
TRANSMITTERS
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIOMETEOROGRAPHS
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RADIOTELEPHONES
SONOBUOYS
TRANSMITTER RECEIVERS
RT MULTICHANNEL COMMUNICATION
QUARTZ CRYSTALS
TELEVISION TRANSMISSION
TRANSPONDERS
WILDLIFE RADIOLOCATION

RADIO WAVE REFRACTION

GS REFRACTION
ATMOSPHERIC REFRACTION
RADIO WAVE REFRACTION
RT WAVE DISPERSION

RADIO WAVES

UF RADIO FREQUENCY RADIATION
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
DECAMETRIC WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS

RADIO WAVES-(CONT)

TYPE 4 BURSTS
 TYPE 5 BURSTS
 LONG WAVE RADIATION
 RADIO EMISSION
 CN EMISSION
 HYDROXYL EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SHORT WAVE RADIATION
 MICROWAVES
 CENTIMETER WAVES
 DECIMETER WAVES
 MICROWAVE EMISSION
 MILLIMETER WAVES
 SUBMILLIMETER WAVES
 SKY WAVES
 RT ATMOSPHERICS
 COHERENT ELECTROMAGNETIC
 RADIATION
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC SURFACE WAVES
 EXTRATERRESTRIAL RADIATION
 FAR INFRARED RADIATION
 FREQUENCIES
 GROUND WAVE PROPAGATION
 MONOCHROMATIC RADIATION
 MULTIPATH TRANSMISSION
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 SCATTER PROPAGATION
 SOLAR RADIATION
 SOLITARY WAVES
 THERMAL RADIATION
 TRANSVERSE WAVES
 TRAVELING WAVES
 TROPOSPHERIC WAVES

RADIOACTIVE AGE DETERMINATION

UF RADIOACTIVE DATING
 RT ∞ AGING
 FOSSILS
 GEOCHRONOLOGY
 HALF LIFE
 ∞ MEASUREMENT
 RADIOCHEMISTRY
 RADIOGENIC MATERIALS
 TIME MEASUREMENT

RADIOACTIVE CONTAMINANTS

GS CONTAMINANTS
RADIOACTIVE CONTAMINANTS
 RT ATMOSPHERIC COMPOSITION
 FALLOUT
 NUCLEAR RADIATION
 RADIATION EFFECTS
 RADIATION HAZARDS

RADIOACTIVE DATING

USE RADIOACTIVE AGE DETERMINATION

∞ RADIOACTIVE DEBRIS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DEBRIS
 FALLOUT
 RADIOACTIVE MATERIALS
 RADIOACTIVE WASTES
 RADIOGENIC MATERIALS

RADIOACTIVE DECAY

UF PARTICLE DECAY
 GS DECAY
RADIOACTIVE DECAY
 ALPHA DECAY
 NEUTRON EMISSION
 NUCLEAR REACTIONS
RADIOACTIVE DECAY
 NEUTRON EMISSION
 RT EMISSION
 GAMMA RAY BEAMS
 GAMMA RAYS
 HALF LIFE

RADIOACTIVE DECAY-(CONT)

HYPERNUCLEI
 NUCLEAR FISSION
 NUCLEAR RADIATION
 PHOTOPRODUCTION
 POST-BLAST NUCLEAR RADIATION
 RADIOACTIVITY
 RADIOGENIC MATERIALS
 THERMONUCLEAR REACTIONS
 VECTOR CURRENTS

RADIOACTIVE ELEMENTS

USE RADIOACTIVE ISOTOPES

RADIOACTIVE ISOTOPES

UF RADIOACTIVE ELEMENTS
 RADIOACTIVE NUCLIDES
 RADIONUCLIDES
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES

RADIOACTIVE ISOTOPES

ARSENIC ISOTOPES
 ASTATINE ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 CARBON 14
 CERIUM 137
 CERIUM 144
 CESIUM 134
 CESIUM 137
 CESIUM 144
 COBALT 58
 COBALT 60
 GOLD ISOTOPES
 GOLD 198
 INDIUM ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 IRON 59
 KRYPTON 85
 NIOBIUM 95
 NITROGEN 16
 PHOSPHORUS 32
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 POTASSIUM 38
 POTASSIUM 40
 RUBIDIUM 86
 SODIUM 22
 SODIUM 24
 STRONTIUM 85
 STRONTIUM 88
 STRONTIUM 89
 STRONTIUM 90
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 SERGENIUM
 TRITIUM
 URANIUM 232
 URANIUM 233
 URANIUM 238
 XENON 133
 XENON 135
 ZIRCONIUM 95

RT ACTINIDE SERIES
 ISOTOPIC LABELING
 RADIOISOTOPE BATTERIES
 RADIOPHOSPHORS

RADIOACTIVE MATERIALS

RT ACTINIDE SERIES
 FISSION FUELS
 FISSION PRODUCTS
 FISSIONABLE MATERIALS
 IONIZING RADIATION
 ISOTOPES

RADIOACTIVE MATERIALS-(CONT)

∞ MATERIALS
 NUCLEAR FISSION
 NUCLEAR RADIATION
 RADIATION HAZARDS
 RADIATION SOURCES
 ∞ RADIOACTIVE DEBRIS
 RADIOACTIVITY
 RADIOBIOLOGY
 RADIOCHEMISTRY
 URANIUM PLASMAS

RADIOACTIVE NUCLIDES

USE RADIOACTIVE ISOTOPES

RADIOACTIVE WASTES

UF NUCLEAR WASTES
 GS WASTES
RADIOACTIVE WASTES
 RT CONTAMINATION
 DECOMMISSIONING
 ENVIRONMENT POLLUTION
 ENVIRONMENT PROTECTION
 ENVIRONMENTAL SURVEYS
 FISSION PRODUCTS
 HAZARDOUS MATERIAL DISPOSAL (IN
 SPACE)
 NONPOINT SOURCES
 PLASMA CORE REACTORS
 POISONING (REACTION INHIBITION)
 POLLUTION
 RADIATION HAZARDS
 ∞ RADIOACTIVE DEBRIS
 RADIOCHEMISTRY
 RADIOGENIC MATERIALS
 SOLID WASTES
 WASTE DISPOSAL

RADIOACTIVITY

RT ∞ ACTIVITY
 ALPHA PARTICLES
 EMISSION
 FALLOUT
 FISSION PRODUCTS
 GAMMA RAYS
 GEOCHEMISTRY
 GEOPHYSICS
 HALF LIFE
 IONIZING RADIATION
 NUCLEAR RADIATION
 PARTICLE PRODUCTION
 POST-BLAST NUCLEAR RADIATION
 ∞ RADIATION
 RADIATION HAZARDS
 RADIOACTIVE DECAY
 RADIOACTIVE MATERIALS
 RADIOCHEMISTRY

RADIOBIOLOGY

GS MEDICAL SCIENCE
 NUCLEAR MEDICINE
RADIOBIOLOGY
 RT ANTIRADIATION DRUGS
 ∞ BIOLOGY
 BIOMAGNETISM
 DOSIMETERS
 HEALTH PHYSICS
 IMMUNOASSAY
 IRRADIATION
 ∞ MEDICINE
 NUCLEAR RADIATION
 RADIOACTIVE MATERIALS
 RADIOCHEMISTRY
 RADIOIMMUNOASSAY

RADIOCARDIOGRAPHY

GS BIOENGINEERING
 BIOMETRICS
RADIOCARDIOGRAPHY
 RADIOLOGY
RADIOCARDIOGRAPHY
 RT RADIOLOGY

RADIOCHEMICAL SEPARATION

GS RADIOCHEMISTRY
RADIOCHEMICAL SEPARATION
 RT CHEMICAL REACTIONS
 QUANTITATIVE ANALYSIS
 ∞ SEPARATION

RADIOCHEMISTRY

UF REACTOR CHEMISTRY
 GS RADIOCHEMISTRY
 RADIOCHEMICAL SEPARATION
 RT CHEMICAL ANALYSIS

RADIOGENIC MATERIALS

RADIOCHEMISTRY-(CONT)

∞ CHEMISTRY
 IONIZING RADIATION
 ISOTOPIC LABELING
 NUCLEAR CHEMISTRY
 NUCLEAR RADIATION
 NUCLEAR RESEARCH
 RADIOACTIVE AGE DETERMINATION
 RADIOACTIVE MATERIALS
 RADIOACTIVE WASTES
 RADIOACTIVITY
 RADIOBIOLOGY

RADIOGENIC MATERIALS

RT NUCLEAR REACTIONS
 RADIOACTIVE AGE DETERMINATION
 ∞ RADIOACTIVE DEBRIS
 RADIOACTIVE DECAY
 RADIOACTIVE WASTES
 TRANSMUTATION

RADIOGONIOMETERS

GS MEASURING INSTRUMENTS
 GONIOMETERS
 RADIOGONIOMETERS
 RT RADIO DIRECTION FINDERS

RADIOGRAPHY

UF CINEFLUOROGRAPHY
 CINERADIOGRAPHY
 GS IMAGERY
 RADIOGRAPHY
 ANGIOGRAPHY
 AUTORADIOGRAPHY
 NEUTRON RADIOGRAPHY
 TOMOGRAPHY
 COMPUTER AIDED TOMOGRAPHY
 UROGRAPHY
 RT BRAGG ANGLE
 CRYSTALLOGRAPHY
 ∞ FLASH
 IRRADIATION
 LIXISCOPES
 ∞ MATERIALS TESTS
 METALLOGRAPHY
 NONDESTRUCTIVE TESTS
 PHOTOGRAPHY
 PNEUMOGRAPHY
 RADIOLOGY
 X RAY ANALYSIS
 X RAY APPARATUS
 X RAY ASTRONOMY
 X RAY DIFFRACTION
 X RAY FLUORESCENCE
 X RAY IMAGERY
 X RAY INSPECTION
 X RAY SPECTROSCOPY
 X RAY TELESCOPES
 X RAY TUBES
 X RAYS

RADIOIMMUNOASSAY

GS IMMUNOASSAY
 RADIOIMMUNOASSAY
 RT ANTIGENS
 ASSAYING
 BIOCHEMISTRY
 IMMUNOLOGY
 RADIOBIOLOGY

RADIOISOTOPE BATTERIES

UF ATOMIC BATTERIES
 GS ELECTRIC GENERATORS
 DIRECT POWER GENERATORS
 RADIOISOTOPE BATTERIES
 SNAP 7
 SNAP 9A
 SNAP 11
 SNAP 13
 SNAP 15
 SNAP 17
 SNAP 19
 SNAP 21
 SNAP 23
 SNAP 27
 SNAP 29
 RT ELECTRIC BATTERIES
 FISSION ELECTRIC CELLS
 NUCLEAR AUXILIARY POWER UNITS
 RADIOACTIVE ISOTOPES
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS

RADIOLOGY

GS MEDICAL SCIENCE

RADIOLOGY-(CONT)

RADIOLOGY

RT AEROSPACE MEDICINE
 ∞ MEDICINE
 ∞ RADIATION
 RADIOGRAPHY
 X RAY ANALYSIS
 X RAYS

RADIOLYSIS

GS CHEMICAL REACTIONS
 PHOTOCHEMICAL REACTIONS
 PHOTOLYSIS
 RADIOLYSIS
 DECOMPOSITION
 PHOTOLYSIS
 RADIOLYSIS
 RADIATION EFFECTS
 RADIOLYSIS

RADIOMETEOROGRAPHS

GS MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 RADIOMETEOROGRAPHS
 RECORDING INSTRUMENTS
 RADIOMETEOROGRAPHS
 TRANSMITTERS
 RADIO TRANSMITTERS
 RADIOMETEOROGRAPHS
 RT RADIO TELEMETRY
 RADIOSONDES

RADIOMETERS

GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
 ACTINOMETERS
 RADIOMETERS
 DICKE RADIOMETERS
 INFRARED DETECTORS
 INFRARED SCANNERS
 MICROWAVE RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 PRESSURE MODULATOR
 RADIOMETERS
 SPECTORADIOMETERS
 RT BOLOMETERS
 FOREST FIRE DETECTION
 HORIZON SCANNERS
 INFRARED PHOTOGRAPHY
 INFRARED TRACKING
 KNUDSEN GAGES
 PHOTOMETERS
 PYRANOMETERS
 RADIOMETRIC RESOLUTION
 SPECTROPHOTOMETERS
 THERMISTORS

RADIOMETRIC CORRECTION

UF RADIOMETRIC RECTIFICATION
 RT IMAGE ENHANCEMENT
 INFRARED RADIOMETERS
 MULTISPECTRAL BAND SCANNERS
 VEGETATIVE INDEX

RADIOMETRIC RECTIFICATION

USE RADIOMETRIC CORRECTION

RADIOMETRIC RESOLUTION

GS RESOLUTION
 RADIOMETRIC RESOLUTION
 RT MULTISPECTRAL BAND SCANNERS
 RADIOMETERS
 REMOTE SENSORS
 SPECTRAL RESOLUTION

RADIONUCLIDES

USE RADIOACTIVE ISOTOPES

RADIOPATHOLOGY

GS MEDICAL SCIENCE
 RADIOPATHOLOGY
 RT ANTIRADIATION DRUGS
 NUCLEAR MEDICINE
 RADIATION SICKNESS

RADIOPHOSPHORS

GS PHOSPHORS
 RADIOPHOSPHORS
 RT RADIOACTIVE ISOTOPES

RADIOPROTECTIVE AGENTS

USE ANTIRADIATION DRUGS

NASA THESAURUS (VOLUME 1)

RADIOSENSITIVITY

USE RADIATION TOLERANCE

RADIOSONDES

GS MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 SONDES
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 RADIO EQUIPMENT
 RADIO TRANSMITTERS
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 TRANSMITTERS
 RADIO TRANSMITTERS
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 RT ARCAS ROCKET VEHICLES
 BALLOON SOUNDING
 BALLOON-BORNE INSTRUMENTS
 DROPSONDES
 METEOROLOGICAL BALLOONS
 RADIO METEOROLOGY
 RADIO TELEMETRY
 RADIOMETEOROGRAPHS
 ROBIN BALLOONS
 SATELLITE SOUNDING
 SOUNDING ROCKETS

RADIOTELEPHONES

GS RADIO EQUIPMENT
 RADIO TRANSMITTERS
 RADIOTELEPHONES
 RECEIVERS
 RADIOTELEPHONES
 TELECOMMUNICATION
 RADIOTELEPHONES
 TELEPHONES
 RADIOTELEPHONES
 TRANSMITTERS
 RADIO TRANSMITTERS
 RADIOTELEPHONES
 RT ECHO SUPPRESSORS
 RADIO COMMUNICATION
 TELEPHONY
 VOICE COMMUNICATION

RADIOTHERAPY

USE RADIATION THERAPY

RADIUM

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 METALS
 ACTINIDE SERIES
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226

RADIUM ISOTOPES

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 NUCLIDES
 ISOTOPES
 RADIUM ISOTOPES
 RADIUM 226
 METALS
 ACTINIDE SERIES
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226

RADIUM 226

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 NUCLIDES

RADIUM 226-(CONT)

ISOTOPES
RADIUM ISOTOPES
RADIUM 226
METALS
ACTINIDE SERIES
RADIUM
RADIUM ISOTOPES
RADIUM 226

RADIUS

USE RADI

RADOME MATERIALS

GS DIELECTRICS
RT **RADOME MATERIALS**
ELECTROMAGNETIC WAVE
TRANSMISSION
∞ MATERIALS
RADAR TRANSMISSION
RADIO TRANSMISSION
RADOMES
TRANSPARENCE

RADOMES

GS HOUSINGS
RADOMES
SHELLS (STRUCTURAL FORMS)
DOMES (STRUCTURAL FORMS)
RADOMES
RT INFLATABLE STRUCTURES
PROTUBERANCES
RADANT
RADAR ANTENNAS
RADAR EQUIPMENT
RADOME MATERIALS

RADON

GS CHEMICAL ELEMENTS
RARE GASES
RADON
RADON ISOTOPES
GASES
RARE GASES
RADON
RADON ISOTOPES

RADON ISOTOPES

UF THORON
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RADON ISOTOPES
RARE GASES
RADON
RADON ISOTOPES
GASES
RARE GASES
RADON
RADON ISOTOPES

RADUGA SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RADUGA SATELLITE
SOVIET SATELLITES
RADUGA SATELLITE

RAE B

USE EXPLORER 49 SATELLITE

RAE 1

USE EXPLORER 49 SATELLITE

RAE 2

USE EXPLORER 49 SATELLITE

RAE-1

USE EXPLORER 38 SATELLITE

RAFTS

GS **RAFTS**
LIFE RAFTS
RT FLOATS
LIFEBOATS
SURVIVAL EQUIPMENT

RAIL TRANSPORTATION

UF RAILROADS
GS TRANSPORTATION
RAIL TRANSPORTATION
RT AUTOMATED GUIDEWAY TRANSIT
VEHICLES

RAIL TRANSPORTATION-(CONT)

AUTOMATED TRANSIT VEHICLES
LOCOMOTIVES
MAGNETIC LEVITATION VEHICLES
MARINE TRANSPORTATION
RAILS
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES
URBAN TRANSPORTATION

RAILGUN ACCELERATORS

RT ∞ ACCELERATORS
HYPERVELOCITY GUNS
HYPERVELOCITY LAUNCHERS
NUCLEAR FUSION
PARTICLE ACCELERATORS
SPACECRAFT LAUNCHING

RAILROAD HUMMING TESTS

RT CARGO
IMPACT ACCELERATION
MATERIALS HANDLING
SHOCK TESTS
∞ TESTS

RAILROADS

USE RAIL TRANSPORTATION

RAILS

RT RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES

RAIN

GS PRECIPITATION (METEOROLOGY)
RAIN
RT ACID RAIN
AQUIFERS
CLOUD SEEDING
CONDENSATION NUCLEI
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
LIMNOLOGY
RAINBOWS
RAINDROPS
RAINSTORMS
∞ SHOWERS
THUNDERSTORMS
WATERSHEDS

RAIN EROSION

GS EROSION
RAIN EROSION
RT LANDSLIDES
MUD
SANDS
SOIL EROSION

RAIN FORESTS

GS RESOURCES
EARTH RESOURCES
FORESTS
RAIN FORESTS
RT CANOPIES (VEGETATION)
GEOBOTANY
PLANTS (BOTANY)
∞ SHOWERS
TROPICAL REGIONS
VEGETATION

RAIN GAGES

UF PLUVIOGRAPHS
GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RAIN GAGES

RAIN IMPACT DAMAGE

GS DAMAGE
IMPACT DAMAGE
RAIN IMPACT DAMAGE
RT ARROYOS
EROSION
SOIL EROSION
WATER EROSION

RAINBOWS

GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
DIFFRACTION PATTERNS
RAINBOWS
RT HALOS
LIGHT TRANSMISSION
RAIN

RAINDROPS

GS PARTICLES
DROPS (LIQUIDS)
RAINDROPS
RT DROP SIZE
FALLING SPHERES
RAIN
RAINMAKING

RAINMAKING

GS WEATHER MODIFICATION
RAINMAKING
RT CLIMATOLOGY
CLOUD SEEDING
PRECIPITATION (METEOROLOGY)
RAINDROPS
WATER RESOURCES

RAINSTORMS

GS STORMS
STORMS (METEOROLOGY)
RAINSTORMS
THUNDERSTORMS
RT ACID RAIN
FLOOD CONTROL
FLOOD PREDICTIONS
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAIN
∞ SHOWERS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
TORNADOES

∞ RAKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT PRESSURE SENSORS
SLOPES

∞ RAM

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANTIRADAR COATINGS
RAMS (PRESSES)
RAMS (PUMPS)

RAM B LAUNCH VEHICLE

GS LAUNCH VEHICLES
RAM B LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
RAM B LAUNCH VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

RAM PROJECT

USE RADIO ATTENUATION MEASUREMENT
PROJECT

RAMAN EFFECT

USE RAMAN SPECTRA

RAMAN LASERS

GS STIMULATED EMISSION DEVICES
LASERS
RAMAN LASERS

RAMAN SCATTERING

USE RAMAN SPECTRA

RAMAN SPECTRA

UF RAMAN EFFECT
RAMAN SCATTERING
GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
RAMAN SPECTRA
SPECTRA
MOLECULAR SPECTRA
RAMAN SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
RAMAN SPECTRA
RT ABSORPTION SPECTRA
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR ROTATION
NONLINEAR OPTICS
VIBRATIONAL SPECTRA

RAMAN SPECTROSCOPY

RAMAN SPECTROSCOPY

UF COHERENT ANTI-STOKES RAMAN SPECTROSCOPY
 GS SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 RAMAN SPECTROSCOPY
 RT ASTRONOMICAL SPECTROSCOPY
 INFRARED SPECTROSCOPY
 LINE SPECTRA
 OPTOGALVANIC SPECTROSCOPY
 RAYLEIGH SCATTERING
 SPECTROSCOPIC ANALYSIS

RAMJET ENGINES

UF ATHODYDS
 GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 RT HYDROGEN FUELS
 METEOR 1 ROCKET VEHICLE
 NAVAHO MISSILE
 SUPERSONIC LOW ALTITUDE MISSILE
 TURBOJET ENGINES

RAMJET MISSILES

GS MISSILES
 RAMJET MISSILES
 NAVAHO MISSILE
 SUPERSONIC LOW ALTITUDE MISSILE
 RT AIR TO AIR MISSILES
 ANTI-AIRCRAFT MISSILES
 SUPERSONIC COMBUSTION RAMJET ENGINES
 SURFACE TO AIR MISSILES
 SURFACE TO SURFACE MISSILES

RAMP FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 RAMP FUNCTIONS
 RT DYNAMIC RESPONSE
 ∞ FREQUENCY RESPONSE
 ∞ RAMPS
 REACTION TIME
 SLOPES
 STEP FUNCTIONS

∞ RAMPS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT RAMP FUNCTIONS
 RAMPS (STRUCTURES)

RAMPS (STRUCTURES)

RT BRIDGES (STRUCTURES)
 CROSSINGS
 HIGHWAYS
 INTAKE SYSTEMS
 INTERSECTIONS
 ∞ PARKING
 ∞ RAMPS
 SLOPES
 WHEELCHAIRS

RAMS (PRESSES)

GS PRESSES
 RAMS (PRESSES)
 RT HAMMERS

RAMS (PRESSES)-(CONT.)

PLATENS
 PLUNGERS
 ∞ RAM

RAMS (PUMPS)

GS PUMPS
 RAMS (PUMPS)
 RT PLUNGERS
 ∞ RAM
 WATER HAMMER

RAMSAUER EFFECT

RT ∞ EFFECTS
 ELECTRON SCATTERING
 ∞ INTERFERENCE
 NEGATIVE RESISTANCE DEVICES
 RARE GASES
 SCATTERING CROSS SECTIONS

RAND PROJECT

GS PROGRAMS
 PROJECTS
 RAND PROJECT
 RT OPERATIONS RESEARCH

RANDOM ACCESS

GS **RANDOM ACCESS**
 ALOHA SYSTEM
 RT COMPUTER STORAGE DEVICES
 INPUT/OUTPUT ROUTINES
 RANDOM ACCESS MEMORY
 RANDOM PROCESSES

RANDOM ACCESS MEMORY

GS PERIPHERAL EQUIPMENT (COMPUTERS)
 COMPUTER STORAGE DEVICES
 RANDOM ACCESS MEMORY
 RT RANDOM ACCESS

RANDOM DISTRIBUTIONS

USE STATISTICAL DISTRIBUTIONS

RANDOM ERRORS

GS ERRORS
 RANDOM ERRORS
 RT BCH CODES
 ∞ DISPERSION
 PROBABILITY THEORY
 QUALITY CONTROL
 SAMPLING
 STOCHASTIC PROCESSES

RANDOM LOADS

GS LOADS (FORCES)
 RANDOM LOADS
 GUST LOADS
 RT DYNAMIC LOADS
 IMPACT LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 TRANSIENT LOADS

RANDOM NOISE

UF GAUSSIAN NOISE
 GS **RANDOM NOISE**
 RANDOM SIGNALS
 RT BACKGROUND NOISE
 CHANNEL NOISE
 COMMUNICATION THEORY
 ELECTROMAGNETIC NOISE
 ∞ NOISE
 NOISE (SOUND)
 NOISE GENERATORS
 NOISE SPECTRA
 PROBABILITY THEORY
 PSEUDONOISE
 SIGNAL TO NOISE RATIOS
 STOCHASTIC PROCESSES
 WHITE NOISE

RANDOM NUMBERS

RT MATHEMATICAL TABLES
 ∞ NUMBERS
 PSEUDORANDOM SEQUENCES

RANDOM PROCESSES

GS STOCHASTIC PROCESSES
 RANDOM PROCESSES
 RANDOM WALK
 RT COMMUNICATION THEORY
 INFORMATION THEORY
 INTERMITTENCY
 MARKOV PROCESSES

NASA THESAURUS (VOLUME 1)

RANDOM PROCESSES-(CONT.)

MONTE CARLO METHOD
 RANDOM ACCESS
 STATISTICAL ANALYSIS

RANDOM SAMPLING

GS SAMPLING
 RANDOM SAMPLING
 RT QUALITY CONTROL

RANDOM SIGNALS

GS RANDOM NOISE
 RANDOM SIGNALS
 RT NOISE SPECTRA
 SIGNAL TO NOISE RATIOS
 ∞ SIGNALS
 STOCHASTIC PROCESSES

RANDOM VARIABLES

RT FUNCTIONS (MATHEMATICS)
 SHANNON-WIENER MEASURE
 ∞ STATISTICS
 ∞ VARIABLE

RANDOM VIBRATION

GS VIBRATION
 RANDOM VIBRATION
 RT BENDING VIBRATION
 FLUTTER
 FORCED VIBRATION
 LATTICE VIBRATIONS
 LINEAR VIBRATION
 MISSILE VIBRATION
 NOISE (SOUND)
 SELF INDUCED VIBRATION
 STRUCTURAL VIBRATION
 TORSIONAL VIBRATION

RANDOM WALK

GS STOCHASTIC PROCESSES
 RANDOM PROCESSES
 RANDOM WALK
 RT MARKOV CHAINS
 MONTE CARLO METHOD

∞ RANGE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT DISTANCE
 ORBITAL POSITION ESTIMATION
 RANGE (EXTREMES)
 RANGES (FACILITIES)

RANGE (EXTREMES)

UF EXTREMA
 GS **RANGE (EXTREMES)**
 GUMBEL THEORY
 RANGE (EXTREMES)
 FREQUENCY RANGES
 OCTAVES
 RADIO RANGE
 SUBAUDIBLE FREQUENCIES
 PROPORTIONAL LIMIT
 ROCHE LIMIT
 RT CONFIDENCE LIMITS
 CONSTRAINTS
 DISTANCE
 DOMAINS
 DYNAMIC CHARACTERISTICS
 ERRORS
 FUNCTIONS (MATHEMATICS)
 HETEROGENEITY
 HORIZON
 INTEGRAL EQUATIONS
 ∞ LIMITS
 MAXIMA
 MEAN
 MINIMA
 OPTIMIZATION
 QUALITY CONTROL
 ∞ RANGE
 SENSITIVITY
 STANDARD DEVIATION
 STATISTICAL TESTS
 TOLERANCES (MECHANICS)
 TOLERANCES (PHYSIOLOGY)
 ∞ TRAVEL
 VARIABILITY
 VARIANCE (STATISTICS)

RANGE AND RANGE RATE TRACKING

GS DISTANCE
 RANGE AND RANGE RATE TRACKING
 RADAR
 RANGE AND RANGE RATE TRACKING

NASA THESAURUS (VOLUME 1)

RANGER 9 LUNAR PROBE

RANGE AND RANGE RATE TRACKING-(CONT)

TRACKING (POSITION)
RANGE AND RANGE RATE TRACKING
 RT GLOBAL TRACKING NETWORK
 MISSILE TRACKING
 NORTH AMERICAN SEARCH AND
 RANGING RADAR
 OPTICAL TRACKING
 RADAR TRACKING
 RADIO TRACKING
 SATELLITE TRACKING
 STDN (NETWORK)

RANGE CONTROL
 USE TRAJECTORY CONTROL

RANGE ERRORS

SN (EXCLUDES ERRORS IN DISTANCE
 TRAVELED-LIMITED TO ERRORS IN
 DISTANCE MEASUREMENT)
 GS ERRORS
RANGE ERRORS
 RT ACCURACY
 BORESIGHT ERROR
 DISTANCE MEASURING EQUIPMENT
 ERROR ANALYSIS
 ERROR SIGNALS

RANGE FINDERS

UF RANGE INDICATORS
 GS MEASURING INSTRUMENTS
 DISTANCE MEASURING EQUIPMENT
RANGE FINDERS
 OPTICAL RANGE FINDERS
 LASER RANGE FINDERS
 RT ALTIMETERS
 FIRE CONTROL
 GEODIMETERS
 LASER RANGER/TRACKER
 LUNAR RANGEFINDING
 NAVIGATION AIDS
 POSITION INDICATORS
 RADAR EQUIPMENT
 RANGEFINDING
 SOUND LOCALIZATION
 SPACE PERCEPTION
 STADIOMETERS
 TELLUROMETERS

RANGE INDICATORS
 USE RANGE FINDERS

RANGE MEASUREMENT
 USE RANGEFINDING

RANGE RESOURCES
 GS RESOURCES
 EARTH RESOURCES
RANGE RESOURCES

RANGE SAFETY
 GS SAFETY
RANGE SAFETY
 RT AEROSPACE SAFETY
 IMPACT PREDICTION
 MISSILE RANGES
 TEST RANGES
 TRAJECTORY CONTROL

RANGEFINDING

UF RANGE MEASUREMENT
 RANGING
 GS **RANGEFINDING**
 AIRBORNE RANGE AND ORBIT
 DETERMINATION
 LUNAR RANGEFINDING
 SOUND RANGING
 RT BALLISTIC CAMERAS
 LASER RANGER/TRACKER
 MAROTS (ESA)
 MEASUREMENT
 RADAR MEASUREMENT
 RADAR TRACKING
 RADIO TRACKING
 RANGE FINDERS
 TRACKING (POSITION)

RANGELANDS

GS LAND
RANGELANDS
 RT CATTLE
 GRASSLANDS
 GRAZING
 LIVESTOCK

RANGELANDS-(CONT)

RURAL AREAS
 RURAL LAND USE

RANGEMASTER AIRCRAFT
 USE G-1 AIRCRAFT

RANGER BLOCK 3 TELEVISION SYSTEM
 GS COMMUNICATION EQUIPMENT
 SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION SYSTEM
 TELEVISION SYSTEMS
 SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION SYSTEM

RT SYSTEMS

RANGER LUNAR LANDING VEHICLES

GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES

RT BE-3 ENGINE
 VEHICLES

RANGER LUNAR PROBES

UF RANGER SATELLITES
 GS LUNAR SPACECRAFT
 LUNAR PROBES
RANGER LUNAR PROBES
 RANGER LUNAR LANDING VEHICLES
 RANGER 1 LUNAR PROBE
 RANGER 2 LUNAR PROBE
 RANGER 3 LUNAR PROBE
 RANGER 4 LUNAR PROBE
 RANGER 5 LUNAR PROBE
 RANGER 6 LUNAR PROBE
 RANGER 7 LUNAR PROBE
 RANGER 8 LUNAR PROBE
 RANGER 9 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
RANGER LUNAR PROBES
 RANGER LUNAR LANDING VEHICLES
 RANGER 1 LUNAR PROBE
 RANGER 2 LUNAR PROBE
 RANGER 3 LUNAR PROBE
 RANGER 4 LUNAR PROBE
 RANGER 5 LUNAR PROBE
 RANGER 6 LUNAR PROBE
 RANGER 7 LUNAR PROBE
 RANGER 8 LUNAR PROBE
 RANGER 9 LUNAR PROBE
 RT ATLAS AGENA B LAUNCH VEHICLE

RANGER PROJECT

GS PROGRAMS
 NASA PROGRAMS
RANGER PROJECT
 AGENA B RANGER PROGRAM
 NASA SPACE PROGRAMS
RANGER PROJECT
 AGENA B RANGER PROGRAM
 PROJECTS
RANGER PROJECT
 AGENA B RANGER PROGRAM
 RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
 LUNAR PHOTOGRAPHS
 LUNAR PHOTOGRAPHY
 LUNAR PROBES

RANGER SATELLITES
 USE RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 1 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES

RANGER 1 LUNAR PROBE-(CONT)
 RANGER LUNAR PROBES
RANGER 1 LUNAR PROBE

RANGER 2 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE

RANGER 3 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE

RANGER 4 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
 RT ATLAS AGENA B LAUNCH VEHICLE

RANGER 5 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE

RANGER 6 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE

RANGER 7 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE

RANGER 8 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE

RANGER 9 LUNAR PROBE
 GS LUNAR SPACECRAFT
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE

RANGES (FACILITIES)

RANGES (FACILITIES)

GS **RANGES (FACILITIES)**
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
RT **RADIO BEACONS**
∞ RANGE

RANGING

USE **RANGEFINDING**

RANK TESTS

GS **STATISTICAL ANALYSIS**
STATISTICAL TESTS
RANK TESTS
RT ∞ TESTS

RANKINE CYCLE

GS **CYCLES**
THERMODYNAMIC CYCLES
RANKINE CYCLE
RT **ASTEC SOLAR TURBOELECTRIC GENERATOR**
BRAYTON CYCLE
CARNOT CYCLE
LASER PROPULSION
OTTO CYCLE
SOLAR GENERATORS
THERMODYNAMICS

RANKINE-HUGONIOT RELATION

RT **AEROTHERMODYNAMICS**
∞ DENSITY
PRESSURE GRADIENTS
SHOCK WAVE PROPAGATION

RANKING

RT **ARRAYS**
COMPARISON
EVALUATION
RATINGS
SELECTION
SEQUENCING
VALUE

RAOULT LAW

RT **COMPOSITION (PROPERTY)**
HENRY LAW
PARTIAL PRESSURE
SOLUTIONS
VAPOR PRESSURE

RAPCON (CONTROL)

USE **RADAR APPROACH CONTROL**

RAPID BALLISTICS IDENTIFICATION

GS **IDENTIFYING**
RAPID BALLISTICS IDENTIFICATION
RT **DISPLAY DEVICES**
IMAGING TECHNIQUES
LASER APPLICATIONS
LASERS
MEASURING INSTRUMENTS
PHOTOGRAPHY
SCANNING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

RAPID EYE MOVEMENT STATE

UF **DESYNCHRONIZED SLEEP**
REMS
RT **DREAMS**
EYE MOVEMENTS
SLEEP

RAPID QUENCHING (METALLURGY)

RT **CRYSTAL GROWTH**
CRYSTAL LATTICES
CRYSTAL STRUCTURE
∞ METALLURGY
∞ QUENCHING

RAPID TRANSIT SYSTEMS

UF **HIGH SPEED TRANSPORTATION**
GS **TRANSPORTATION**
RAPID TRANSIT SYSTEMS
RT **AIR TRANSPORTATION**
AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED TRANSIT VEHICLES
CARGO
GROUND EFFECT MACHINES
HIGHWAYS
LOGISTICS

RAPID TRANSIT SYSTEMS-(CONT)

PASSENGERS
RAIL TRANSPORTATION
RAILS
ROADS
∞ SYSTEMS
∞ TRANSPORT VEHICLES
TRANSPORTATION NETWORKS
URBAN TRANSPORTATION

RAPIDS

RT **MEANDERS**
RIVER BASINS
RIVERS
STREAMS
WATER CURRENTS
WATER FLOW

RARE EARTH ALLOYS

GS **ALLOYS**
RARE EARTH ALLOYS
ERBIUM ALLOYS
GADOLINIUM ALLOYS
LANTHANUM ALLOYS
NEODYMIUM ALLOYS
RT **YTTRIUM ALLOYS**

RARE EARTH COMPOUNDS

GS **RARE EARTH COMPOUNDS**
CERIUM COMPOUNDS
BASTNASITE
CERIUM OXIDES
DYSPROSIUM COMPOUNDS
ERBIUM COMPOUNDS
EUROPIUM COMPOUNDS
LANTHANUM TELLURIDES
LUTETIUM COMPOUNDS
NEODYMIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SCANDIUM OXIDES
THULIUM COMPOUNDS
YTTERBIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3B COMPOUNDS
∞ METAL COMPOUNDS

RARE EARTH ELEMENTS

UF **LANTHANIDE SERIES METALS**
GS **CHEMICAL ELEMENTS**

RARE EARTH ELEMENTS

CERIUM
CERIUM ISOTOPES
CERIUM 137
CERIUM 144
DYSPROSIUM
DYSPROSIUM ISOTOPES
ERBIUM
ERBIUM ISOTOPES
EUROPIUM
EUROPIUM ISOTOPES
GADOLINIUM
GADOLINIUM ISOTOPES
HOLMIUM
HOLMIUM ISOTOPES
LANTHANUM
LANTHANUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
NEODYMIUM
NEODYMIUM ISOTOPES
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
PROMETHIUM
PROMETHIUM ISOTOPES
SAMARIUM
SAMARIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
TERBIUM
TERBIUM ISOTOPES
THULIUM
THULIUM ISOTOPES
YTTERBIUM
YTTERBIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES

METALS

RARE EARTH ELEMENTS
CERIUM
CERIUM ISOTOPES
CERIUM 137
CERIUM 144
DYSPROSIUM
DYSPROSIUM ISOTOPES

NASA THESAURUS (VOLUME 1)

RARE EARTH ELEMENTS-(CONT)

ERBIUM
ERBIUM ISOTOPES
EUROPIUM
EUROPIUM ISOTOPES
GADOLINIUM
GADOLINIUM ISOTOPES
HOLMIUM
HOLMIUM ISOTOPES
LANTHANUM
LANTHANUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
NEODYMIUM
NEODYMIUM ISOTOPES
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
PROMETHIUM
PROMETHIUM ISOTOPES
SAMARIUM
SAMARIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
TERBIUM
TERBIUM ISOTOPES
THULIUM
THULIUM ISOTOPES
YTTERBIUM
YTTERBIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES
RT **ALKALI VAPOR LAMPS**
KREEP
NEODYMIUM LASERS
TRANSITION METALS

∞ RARE GAS COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ **CHEMICAL COMPOUNDS**
EXCIMER LASERS
EXCIMERS
HELIUM COMPOUNDS
XENON COMPOUNDS

RARE GAS-HALIDE LASERS

GS **STIMULATED EMISSION DEVICES**
LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
RT **COHERENT LIGHT**
GAS LASERS
LASER PUMPING
LASING
LIGHT BEAMS
OPTICAL PUMPING
STIMULATED EMISSION

RARE GASES

UF **INERT GASES**
NOBLE GASES
GS **CHEMICAL ELEMENTS**
RARE GASES
ARGON
ARGON ISOTOPES
HELIUM
HELIUM ATOMS
HELIUM FILM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2
KRYPTON
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
GASES
RARE GASES
ARGON
ARGON ISOTOPES
HELIUM
HELIUM ATOMS
HELIUM FILM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2

RARE GASES-(CONT)

KRYPTON
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
RT MONATOMIC GASES
NONPOLAR GASES
RAMSAUER EFFECT

RAREFACTION

RT ANTINODES
COMPRESSING
ELASTIC WAVES
EXPANSION
VACUUM

RAREFACTION WAVES

USE ELASTIC WAVES

RAREFIED GAS DYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
RAREFIED GAS DYNAMICS
RT ATOMIC BEAMS
CHAPMAN-ENSKOG THEORY
CONTINUUM FLOW
DYNAMICS
FREE MOLECULAR FLOW
KNUDSEN FLOW
LOW DENSITY FLOW
LOW DENSITY WIND TUNNELS
MOLECULAR BEAMS
MOLECULAR FLOW
PLASMAS (PHYSICS)
SLIP FLOW
TRANSITION FLOW

RAREFIED GASES

UF LOW DENSITY GASES
GS GASES
RAREFIED GASES
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
NEUTRAL GASES
RT ELECTRON GAS
FREE MOLECULAR FLOW
GAS DENSITY
GAS TEMPERATURE
HIGH TEMPERATURE GASES
LOW DENSITY FLOW
LOW DENSITY RESEARCH
MOLECULAR GASES

RAREFIED PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
RAREFIED PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
RAREFIED PLASMAS
RT CATHODE GLOW
COLD PLASMAS
COLLISIONLESS PLASMAS
ELECTRON PLASMA
NONUNIFORM PLASMAS

RASERS

USE MASERS

RATE METERS

USE MEASURING INSTRUMENTS

RATE OF CLIMB INDICATORS

GS AIRCRAFT INSTRUMENTS
RATE OF CLIMB INDICATORS
RT ALTIMETERS
FLIGHT INSTRUMENTS
INDICATORS

RATES (PER TIME)

GS RATES (PER TIME)
ACCELERATION (PHYSICS)

RATES (PER TIME)-(CONT)

ANGULAR ACCELERATION
DECELERATION
SPIN REDUCTION
ELECTRON ACCELERATION
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
IMPACT ACCELERATION
PARTICLE ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION
ACOUSTIC VELOCITY
AIRSPEED
ANGULAR VELOCITY
BIT ERROR RATE
BURNING RATE
COLLISION PARAMETERS
COLLISION RATES
CRITICAL VELOCITY
DECAY RATES
ELECTRON DECAY RATE
DRIFT RATE
ESCAPE VELOCITY
EVAPORATION RATE
EXHAUST VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
FLUX (RATE)
HEAT FLUX
MAGNETIC FLUX
SOLAR FLUX
FLUX DENSITY
CURRENT DENSITY
PHOTON DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
SOLAR FLUX DENSITY
SOLAR CONSTANT
SOUND INTENSITY
ZERO SOUND
GROUND SPEED
GROUP VELOCITY
HEART RATE
ARRHYTHMIA
BRADYCARDIA
SYSTOLE
TACHYCARDIA
HIGH SPEED
HYPERSONIC SPEED
ION PRODUCTION RATES
LANDING SPEED
LIGHT SPEED
LOADING RATE
LOW SPEED
MASS FLOW RATE
ORBITAL VELOCITY
PHASE VELOCITY
PHYSIOLOGICAL ACCELERATION
PROPAGATION VELOCITY
PULSE RATE
PULSE REPETITION RATE
RADIAL VELOCITY
RECOMBINATION COEFFICIENT
RELATIVISTIC VELOCITY
RESPIRATORY RATE
DYSPNEA
HYPOVENTILATION
TACHYPNEA
ROTOR SPEED
SIGNAL FADING RATE
SOLAR VELOCITY
STRAIN RATE
SUBSONIC SPEED
SUPERSONIC SPEEDS
TERMINAL VELOCITY
TIP SPEED
TRANSONIC SPEED
WIND VELOCITY
SOLAR WIND VELOCITY
RT ACCESS TIME
MTBF
SOLITARY WAVES
TIME FUNCTIONS
TIME MEASUREMENT

RATES (PER TIME)-(CONT)

VOLUME

RATINGS

RT ASSESSMENTS
CONSISTENCY
EVALUATION
NORMALIZING (STATISTICS)
PERFORMANCE
POSITION (TITLE)
RANKING

RATIOMETERS

GS MEASURING INSTRUMENTS
RATIOMETERS

RATIONAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
MEROMORPHIC FUNCTIONS
RATIONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
MEROMORPHIC FUNCTIONS
RATIONAL FUNCTIONS

RATIONS

GS RATIONS
SPACE RATIONS
RT FOOD

RATIOS

UF PERCENTAGE
GS RATIOS
ASPECT RATIO
HIGH ASPECT RATIO
LOW ASPECT RATIO
COMPRESSION RATIO
DIMENSIONLESS NUMBERS
BIOT NUMBER
FROUDE NUMBER
GRASHOF NUMBER
HARTMANN NUMBER
LAVAL NUMBER
LEWIS NUMBERS
MACH NUMBER
NUSSELT NUMBER
PECLET NUMBER
PRANDTL NUMBER
RAYLEIGH NUMBER
REYNOLDS NUMBER
HIGH REYNOLDS NUMBER
LOW REYNOLDS NUMBER
RICHARDSON NUMBER
SCHMIDT NUMBER
SIMILARITY NUMBERS
STANTON NUMBER
STROUHAL NUMBER
FINENESS RATIO
FUEL-AIR RATIO
INDEXES (RATIOS)
KP INDEX
MORPHOLOGICAL INDEXES
LIFT DRAG RATIO
MASS RATIOS
MASS TO LIGHT RATIOS
PAYLOAD MASS RATIO
PROPELLANT MASS RATIO
MILLS RATIO
MODULAR RATIOS
PERVEANCE
POISSON RATIO
PRESSURE RATIO
SCALE (RATIO)
SIGNAL TO NOISE RATIOS
STANDING WAVE RATIOS
STRESS RATIO
THICKNESS RATIO
THRUST-WEIGHT RATIO
VOID RATIO
RT EFFICIENCY
FRACTALS
FRACTIONS
PROPORTION
PSYCHOLOGICAL TESTS
REFRACTIVITY
TEMPERATURE RATIO
RATS
GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
RATS
RT MICE
POCKET MICE

RATSCAT PROGRAM

RATSCAT PROGRAM

USE RADAR TARGET SCATTER SITE PROGRAM

RAVEN HELICOPTER

USE OH-23 HELICOPTER

RAVINES

GS LANDFORMS
RAVINES
RT CANYONS
EROSION
RIVER BASINS
TOPOGRAPHY
VALLEYS
WATER EROSION

RAWINSONDES

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RADIOSONDES
RAWINSONDES
SONDES
RADIOSONDES
RAWINSONDES
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIOSONDES
RAWINSONDES
TRANSMITTERS
RADIO TRANSMITTERS
RADIOSONDES
RAWINSONDES
RT DROPSONDES
METEOROLOGICAL BALLOONS
RADAR TRACKING
RADIO TRACKING
WIND MEASUREMENT

RAY ACOUSTICS

USE GEOMETRICAL ACOUSTICS

RAY OPTICS

USE GEOMETRICAL OPTICS

RAY TRACING

RT DIFFRACTION
GEOMETRICAL OPTICS
GEOMETRICAL THEORY OF DIFFRACTION
GRADIENT INDEX OPTICS
GRAZING INCIDENCE
OPTICAL MEASUREMENT
REFLECTANCE
TRACKING (POSITION)
TRANSMITTANCE

RAYLEIGH DISTRIBUTION

GS FUNCTIONS (MATHEMATICS)
PROBABILITY DENSITY FUNCTIONS
RAYLEIGH DISTRIBUTION
STATISTICAL ANALYSIS
PROBABILITY DENSITY FUNCTIONS
RAYLEIGH DISTRIBUTION
STATISTICAL DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
RT ERROR ANALYSIS
OPERATIONS RESEARCH
RADIAL DISTRIBUTION

RAYLEIGH EQUATIONS

RT ∞ EQUATIONS
HEAT TRANSFER
THERMODYNAMICS

RAYLEIGH NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
RAYLEIGH NUMBER
RT BENARD CELLS
BUOYANCY
RAYLEIGH-BENARD CONVECTION

RAYLEIGH SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
MIE SCATTERING
RAYLEIGH SCATTERING
RT AIRGLOW
GRAY GAS
LIGHT SCATTERING
RAMAN SPECTROSCOPY
SKY

RAYLEIGH WAVES

GS ELASTIC WAVES
SEISMIC WAVES
RAYLEIGH WAVES
RT BAROTROPIC FLOW
FLUID FLOW
S WAVES
TWO DIMENSIONAL FLOW

RAYLEIGH-BENARD CONVECTION

GS CONVECTION
FREE CONVECTION
RAYLEIGH-BENARD CONVECTION
FLUID FLOW
CONVECTIVE FLOW
RAYLEIGH-BENARD CONVECTION
BENARD CELLS
RT CONVECTION CURRENTS
CONVECTIVE HEAT TRANSFER
FORCED CONVECTION
HOT SURFACES
LAMINAR FLOW
RAYLEIGH NUMBER
THERMAL BOUNDARY LAYER

RAYLEIGH-RITZ METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
RAYLEIGH-RITZ METHOD
RT ∞ METHODOLOGY
VARIATIONAL PRINCIPLES

RAYON

GS FIBERS
SYNTHETIC FIBERS
RAYON
TEXTILES
RAYON

∞ RAYS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ATMOSPHERIC RADIATION
BACKGROUND NOISE
BEAMS (RADIATION)
CAUSTICS (OPTICS)
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
GAMMA RAYS
LUNAR RAYS
POLARIZED RADIATION
PULSED RADIATION

RAYTHEON COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
RAYTHEON COMPUTERS

RAZOR BLADES

GS CUTTERS
BLADES (CUTTERS)
RAZOR BLADES

RB-47 AIRCRAFT

USE B-47 AIRCRAFT

RB-50 AIRCRAFT

UF SUPER FORTRESS AIRCRAFT
GS BOEING AIRCRAFT
RB-50 AIRCRAFT
MONOPLANES
RB-50 AIRCRAFT
OBSERVATION AIRCRAFT
RB-50 AIRCRAFT
RECONNAISSANCE AIRCRAFT
RB-50 AIRCRAFT
RT ∞ AIRCRAFT
BOMBER AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

RB-57 AIRCRAFT

USE B-57 AIRCRAFT

RB-66 AIRCRAFT

USE B-66 AIRCRAFT

NASA THESAURUS (VOLUME 1)

RBE

USE RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)

RC CIRCUITS

UF RC NETWORKS
GS CIRCUITS
RC CIRCUITS
RT CAPACITANCE
COUPLING CIRCUITS
DISCRIMINATORS
ELECTRIC FILTERS
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RLC CIRCUITS
TIME CONSTANT

RC NETWORKS

USE RC CIRCUITS

RCA COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
RCA COMPUTERS
RCA SPECTRA 70 COMPUTER
RCA-110 COMPUTERS
RT DATA PROCESSING

RCA SATCOM SATELLITES

GS COMMERCIAL SPACECRAFT
RCA SATCOM SATELLITES
SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RCA SATCOM SATELLITES
RT DELTA LAUNCH VEHICLE
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS

RCA SPECTRA 70 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
RCA SPECTRA 70 COMPUTER
RCA COMPUTERS
RCA SPECTRA 70 COMPUTER

RCA-110 COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
RCA COMPUTERS
RCA-110 COMPUTERS

RDX

UF CYCLOTRIMETHYLENE TRINITRAMINE
TRINITROTRIAZOCYCLOHEXANE
EXPLOSIVES
GS
RDX
HETEROCYCLIC COMPOUNDS
RDX
NITROGEN COMPOUNDS
AZO COMPOUNDS
RDX
PROPELLANTS
RDX
RT PYROTECHNICS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

REACTANCE

GS IMPEDANCE
ELECTRICAL IMPEDANCE
REACTANCE
RT CAPACITANCE
ELECTRICAL RESISTANCE
FOSTER THEORY
INDUCTANCE
SMITH CHART

∞ REACTION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CHEMICAL REACTIONS
HUMAN REACTIONS
IRRITATION
NUCLEAR REACTIONS
THRUST

REACTION BONDING

GS BONDING
REACTION BONDING

REACTION BONDING-(CONT)

RT ALUMINUM
CERAMICS
CHEMICAL REACTIONS
MELTING POINTS
NITROGEN
OXYGEN
POWDER METALLURGY
SIALON
SILICON
SILICON NITRIDES
SINTERING

REACTION CONTROL

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
CONTROL
DIRECTIONAL CONTROL
MARQUARDT RAD ENGINE
NUCLEAR REACTOR CONTROL
REACTOR SAFETY
THRUST CONTROL

REACTION JET BACKPACKS

USE SELF MANEUVERING UNITS

REACTION JETS

USE JET FLOW
JET THRUST

REACTION KINETICS

UF CHEMICAL KINETICS
REACTION RATE
GS KINETICS
RT **REACTION KINETICS**
ASSOCIATION REACTIONS
AUTOCATALYSIS
CATALYSIS
CHEMICAL EQUILIBRIUM
CHEMICAL REACTIONS
DAMKOHLE NUMBER
FISCHER-TROPSCH PROCESS
HALF LIFE
HEAT OF DISSOCIATION
INTERSTELLAR CHEMISTRY
IRREVERSIBLE PROCESSES
NITROUS ACID
NUCLEAR REACTIONS
PRESSURE DEPENDENCE
REAGENTS
SOLVATION

REACTION PRODUCTS

GS PRODUCTS
RT **REACTION PRODUCTS**
ASHES
BY-PRODUCTS
COMBUSTION PRODUCTS
EFFLUENTS
ENGINES
EXHAUST GASES
FUMES
GASES
INFRARED SUPPRESSION
JET ENGINES
RESIDUES
SLAGS
SLUDGE

REACTION RATE

USE REACTION KINETICS

REACTION TIME

UF REVERSE TIME
GS TIME
RT **REACTION TIME**
CHRONAXY
ADAPTATION
CONDITIONED REFLEXES
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL EFFECTS
PONTYAGIN PRINCIPLE
PSYCHOLOGICAL EFFECTS
PSYCHOMOTOR PERFORMANCE
RAMP FUNCTIONS
REFLEXES
REFRACTORY PERIOD
SENSITIVITY
SENSORIMOTOR PERFORMANCE

REACTION TIME-(CONT)

STEP FUNCTIONS
TIME CONSTANT
TIME LAG

REACTION WHEELS

UF INERTIA WHEELS
GS WHEELS
RT **REACTION WHEELS**
ATTITUDE CONTROL
COUNTER-ROTATING WHEELS
FLYWHEELS

REACTIVITY

RT CHEMICAL REACTIONS
INHOUR EQUATION
NUCLEAR REACTIONS

REACTOR CHEMISTRY

USE RADIOCHEMISTRY

REACTOR CORES

GS CORES
RT **REACTOR CORES**
ANNULAR CORE PULSE REACTORS
CONTROL RODS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
OPERATORS
PLASMA CORE REACTORS
REFLECTOMETERS
REFLECTORS
VOID RATIO

REACTOR DESIGN

RT ANNULAR CORE PULSE REACTORS
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
COMPUTER AIDED DESIGN
DESIGN
ENGINE DESIGN
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR
REACTORS
LIMITERS (FUSION REACTORS)
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
PRODUCT DEVELOPMENT

REACTOR FUELS

USE NUCLEAR FUELS

REACTOR IN FLIGHT TEST PROGRAM

USE RIFT (REACTOR IN FLIGHT TEST)

REACTOR MATERIALS

RT ANNULAR CORE PULSE REACTORS
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
CONSTRUCTION MATERIALS
COOLANTS
LIMITERS (FUSION REACTORS)
LOSS OF COOLANT
MATERIALS
MODERATORS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
PRESSURE VESSELS
RADIATION SHIELDING
SPENT FUELS

REACTOR PHYSICS

GS NUCLEAR PHYSICS
RT **REACTOR PHYSICS**
ANNULAR CORE PULSE REACTORS
BETA FACTOR
HANFORD REACTORS
INHOUR EQUATION
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS
PHYSICS
SCIENCE

REACTOR SAFETY

GS SAFETY

REACTOR SAFETY-(CONT)

RT **REACTOR SAFETY**
ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
CONTROL RODS
EXPLOSIONS
INDUSTRIAL SAFETY
NUCLEAR REACTOR CONTROL
NUCLEAR REACTORS
OFFSHORE REACTOR SITES
RADIATION HAZARDS
REACTION CONTROL
RELIEF VALVES
TRANSIENT REACTOR TEST FACILITY

REACTOR STARTUP TESTS

GS FUEL TESTS
RT **REACTOR STARTUP TESTS**
INITIATION
NUCLEAR FUELS
NUCLEAR REACTORS
STARTING
TESTS

REACTOR TECHNOLOGY

GS TECHNOLOGIES
RT **REACTOR TECHNOLOGY**
ANNULAR CORE PULSE REACTORS
ENGINEERING
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR
REACTORS
JOINT EUROPEAN TORUS
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
REVERSE FIELD PINCH

REACTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
ELECTRIC REACTORS
FAST TEST REACTORS
FUSION REACTORS
FUSION-FISSION HYBRID REACTORS
HIGH TEMPERATURE NUCLEAR
REACTORS
MOLTEN SALT NUCLEAR REACTORS
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
PLASMA CORE REACTORS
POWER REACTORS
RIFT (REACTOR IN FLIGHT TEST)
SNAPTRAN REACTOR
SPHEROMAKS
SWIMMING POOL REACTORS
THERMAL REACTORS
TOKAMAK DEVICES
WATER COOLED REACTORS

READ-ONLY MEMORY DEVICES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
RT **READ-ONLY MEMORY DEVICES**
COMPUTER COMPONENTS
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
COMPUTERS

READERS

UF READING MACHINES
RT CHARACTER RECOGNITION
CONICAL SCANNING
DETECTORS
MAGNETIC TAPES
MICROFILMS
OPTICAL DATA PROCESSING
OPTICAL SCANNERS
PATTERN RECOGNITION
PUNCHED CARDS
PUNCHED TAPES
READING

READING

GS READING
LIP READING

READING MACHINES

READING-(CONT)

RT CHARACTER RECOGNITION
CONICAL SCANNING
DATA TRANSMISSION
DISPLAY DEVICES
INPUT
∞ INTERPRETATION
LEGIBILITY
PERCEPTION
PRINTING
READERS
SCANNERS
SCANNING
SYMBOLS
VISIBILITY

READING MACHINES

USE READERS

READJUSTMENT

USE ADJUSTING

READOUT

RT DISPLAY DEVICES
MULTIPLE OUTPUT PROGRAMS
OUTPUT
PRINTERS (DATA PROCESSING)
PRINTOUTS
REMOTE CONSOLES

REAGENTS

RT CATALYSTS
CHEMICAL ANALYSIS
CHEMICAL REACTIONS
REACTION KINETICS

REAL GASES

GS GASES
REAL GASES
RT EQUATIONS OF STATE
GAS DENSITY
IDEAL GAS
KINETIC THEORY
MOLECULAR GASES
MONATOMIC GASES

REAL NUMBERS

GS REAL NUMBERS
INTEGERS
RT COMPLEX NUMBERS
∞ NUMBERS

REAL TIME OPERATION

RT AUTOMATIC CONTROL
COMPUTER PROGRAMMING
COMPUTERS
DISPLAY DEVICES
INTEGRATED MISSION CONTROL
CENTER
MULTIPROCESSING (COMPUTERS)
ONBOARD DATA PROCESSING

REAL VARIABLES

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
ABEL FUNCTION
ASYMPTOTES
BESSEL FUNCTIONS
HANKEL FUNCTIONS
BETHE-SALPETER EQUATION
CALCULUS OF VARIATIONS
COMPOSITE FUNCTIONS
DELTA FUNCTION
DIFFERENTIAL EQUATIONS
BLASIUS EQUATION
CAUCHY-RIEMANN EQUATIONS
CHANDRASEKHAR EQUATION
COSINE SERIES
DUFFING DIFFERENTIAL EQUATION
FALKNER-SKAN EQUATION
HYPERBOLIC DIFFERENTIAL
EQUATIONS
LAME WAVE EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
BIHARMONIC EQUATIONS
BURGER EQUATION
ELLIPTIC DIFFERENTIAL
EQUATIONS
MONGE-AMPERE EQUATION
EULER-CAUCHY EQUATIONS
FOKKER-PLANCK EQUATION
GAUSS EQUATION
HELMHOLTZ VORTICITY EQUATION
LIOUVILLE EQUATIONS

REAL VARIABLES-(CONT)

PARABOLIC DIFFERENTIAL
EQUATIONS
VLASOV EQUATIONS
POISSON EQUATION
EINSTEIN EQUATIONS
EXISTENCE THEOREMS
EXTREMUM VALUES
LIMITS (MATHEMATICS)
MAXIMA
MINIMA
FOURIER-BESSEL TRANSFORMATIONS
GREEN'S FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERPLANES
JACOBI INTEGRAL
JACOBI MATRIX METHOD
KERNEL FUNCTIONS
LIAPUNOV FUNCTIONS
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
LIPSCHITZ CONDITION
MEASURE AND INTEGRATION
BINARY INTEGRATION
BOREL SETS
FUNCTIONAL INTEGRATION
INTEGRAL CALCULUS
J INTEGRAL
LEBESGUE THEOREM
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
STIELTJES INTEGRAL
WEIGHTING FUNCTIONS
NEUMANN PROBLEM
NONLINEAR EQUATIONS
CUBIC EQUATIONS
DUFFING DIFFERENTIAL EQUATION
MONGE-AMPERE EQUATION
NONLINEAR EVOLUTION
EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
NUMERICAL DIFFERENTIATION
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS
SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
CAMPBELL-HAUSDORFF SERIES
COSINE SERIES
FOURIER SERIES
PADE APPROXIMATION
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
PROGRESSIONS
PRONY SERIES
SINE SERIES
STURM-LIOUVILLE THEORY
VECTOR ANALYSIS
COLLINEARITY
COPLANARITY
CURL (VECTORS)
VORTICITY
WEIERSTRASS FUNCTIONS
WHITTAKER FUNCTIONS
RT APERIODIC FUNCTIONS
CALCULUS
CHOLESKY FACTORIZATION
COMPLEX VARIABLES
CONTINUUMS
DEPENDENT VARIABLES
DIFFERENTIAL CALCULUS
FACTORIZATION
FOURIER ANALYSIS
HERMITIAN POLYNOMIAL
HYPERSPHERES
INFINITY
INFLECTION POINTS
MAXIMUM PRINCIPLE
MONOTONE FUNCTIONS
SCHMIDT METHOD
STABILITY DERIVATIVES
UNIQUENESS THEOREM
∞ VARIABLE

REARWARD FACING STEPS

USE BACKWARD FACING STEPS

REATTACHED FLOW

GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW

NASA THESAURUS (VOLUME 1)

REATTACHED FLOW-(CONT)

RT ∞ REATTACHED FLOW
ATTACHMENT
BACKWARD FACING STEPS
BOUNDARY LAYER SEPARATION
COANDA EFFECT
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
SEPARATED FLOW

REATTACHMENT

USE ATTACHMENT

REB

USE RELATIVISTIC ELECTRON BEAMS

REBREATHING

RT AIR PURIFICATION
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
EXPIRED AIR
LIFE SUPPORT SYSTEMS
SPACECRAFT CABIN ATMOSPHERES

RECEIVERS

UF RECEIVING SYSTEMS
GS RECEIVERS
LINEAR RECEIVERS
LOGARITHMIC RECEIVERS
RADAR RECEIVERS
RADIO RECEIVERS
SUPERHETERODYNE RECEIVERS
RADIOTELEPHONES
TELEVISION RECEIVERS
RT AMPLIFIERS
∞ DETECTORS
DISPLAY DEVICES
DUPLEXERS
ELECTRIC FILTERS
INSTRUMENT RECEIVERS
∞ RECEIVING
REPEATERS
TANKS (CONTAINERS)
TELEPRINTERS
TELETYPEWRITERS
TRANSMITTERS

∞ RECEIVING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF RECEPTION
RT ACQUISITION
COLLECTION
DELIVERY
PROCUREMENT
RADAR RECEPTION
RADIO RECEPTION
RECEIVERS
RECOGNITION
SIGNAL RECEPTION
TELEVISION RECEPTION

RECEIVING SYSTEMS

USE RECEIVERS

RECEPTACLES (CONTAINERS)

USE CONTAINERS

RECEPTION

USE RECEIVING

RECEPTION DIVERSITY

UF SPACE DIVERSITY
GS RADIO EQUIPMENT
RECEPTION DIVERSITY
RT FADING
RADIO ANTENNAS
RADIO RECEIVERS
RADIO RECEPTION
SIGNAL FADING

RECEPTORS (PHYSIOLOGY)

GS RECEPTORS (PHYSIOLOGY)
BARORECEPTORS
CHEMORECEPTORS
GRAVIRECEPTORS
MECHANORECEPTORS
PHOTORECEPTORS
PROPRIOCEPTORS
THERMORECEPTORS
RT SENSE ORGANS
SENSITOMETRY

NASA THESAURUS (VOLUME 1)

RECORDING INSTRUMENTS

RECESSES

RT CAVITIES
CREVASSES
∞ HOLLOW

RECESSION

RT ∞ DEPRESSION
ECONOMICS

RECHARGING

RT CHARGE EFFICIENCY

RECIPROCAL THEOREMS

GS THEOREMS
RT RECIPROCAL THEOREMS
ANGLES (GEOMETRY)
GEOMETRY
LINES (GEOMETRY)
POINTS (MATHEMATICS)
PROJECTIVE GEOMETRY

RECIPROCATING ENGINES

USE PISTON ENGINES

RECIPROCATION

RT CYCLES
MECHANICAL OSCILLATORS
PISTON ENGINES
PISTONS

RECIPROCITY THEOREM

GS THEOREMS
RT RECIPROCITY THEOREM
ACOUSTIC SCATTERING
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC SCATTERING
WAVE SCATTERING

RECIRCULATION

USE CIRCULATION

RECIRCULATIVE FLUID FLOW

GS FLUID FLOW
RT RECIRCULATIVE FLUID FLOW
BACKWARD FACING STEPS
BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
REVERSED FLOW
TURBULENT FLOW
TURBULENT MIXING
VORTICES

RECLAMATION

GS RECLAMATION
GAS RECOVERY
MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
SOLVOLYSIS
WATER RECLAMATION
RT OIL RECOVERY
∞ RECOVERY
RECYCLING
REGENERATION (ENGINEERING)

RECOGNITION

GS RECOGNITION
PATTERN RECOGNITION
CHARACTER RECOGNITION
GRAPHOLOGY
SPEECH RECOGNITION
TARGET RECOGNITION
TIMBER IDENTIFICATION
RT ACQUISITION
CONSCIOUSNESS
CROP IDENTIFICATION
IDENTIFYING
IFF SYSTEMS (IDENTIFICATION)
∞ INTERPRETATION
MEMORY
∞ RECEIVING
REMOTE SENSING

RECOIL ATOMS

GS ATOMS
RT RECOIL ATOMS
RECOILINGS

RECOIL IONS

GS IONS
RT RECOIL IONS
ATOMIC COLLISIONS
CHARGE EXCHANGE
ELECTRON SCATTERING
ION IMPACT

RECOIL IONS-(CONT)

ION PRODUCTION RATES
ION SCATTERING
IONIC COLLISIONS
RECOILINGS

RECOIL PROTONS

GS PARTICLES
CHARGED PARTICLES
PROTONS
RECOIL PROTONS
ELEMENTARY PARTICLES
FERMIONS
PROTONS
RT BARYONS
RECOIL PROTONS
RECOILINGS

RECOILINGS

RT COLLISIONS
PARTICLE MOTION
RECOIL ATOMS
RECOIL IONS
RECOIL PROTONS

RECOMBINATION COEFFICIENT

GS COEFFICIENTS
RECOMBINATION COEFFICIENT
RATES (PER TIME)
RECOMBINATION COEFFICIENT
RT FREE ELECTRONS
ION RECOMBINATION
IONIZED GASES

RECOMBINATION REACTIONS

GS RECOMBINATION REACTIONS
ATOMIC RECOMBINATION
OXYGEN RECOMBINATION
ELECTRON RECOMBINATION
RADIATIVE RECOMBINATION
ELECTRON-ION RECOMBINATION
RADIATIVE RECOMBINATION
HYDROGEN RECOMBINATIONS
ION RECOMBINATION
RT ATOMIC COLLISIONS
CAPTURE EFFECT
FERTILIZATION
SUHL EFFECT

RECOMMENDATIONS

GS RECOMMENDATIONS
SUGGESTION
RT DECISION THEORY

RECOMPRESSION

USE COMPRESSING

RECONNAISSANCE

GS RECONNAISSANCE
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
PHOTORECONNAISSANCE
SPECTRAL RECONNAISSANCE
RT COSPAS
EARTH RESOURCES
INTELLIGENCE
OBSERVATION
PATROLS
PHOTO GEOLOGY
SARSAT
SEARCHING
SPACE OBSERVATIONS (FROM EARTH)
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE
SURVEYS
TERRAIN ANALYSIS

RECONNAISSANCE AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
A-9 AIRCRAFT
BREGUET 1150 AIRCRAFT
CESSNA L-19 AIRCRAFT
CL-84 AIRCRAFT
EARTH RESOURCES SURVEY
AIRCRAFT
F-5 AIRCRAFT
G-91 AIRCRAFT
G-95/4 AIRCRAFT
HS-801 AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
OV-10 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT

RECONNAISSANCE AIRCRAFT-(CONT)

RB-50 AIRCRAFT
TSR 2 AIRCRAFT
U-2 AIRCRAFT
VICTOR MK-1 AIRCRAFT
WEATHER RECONNAISSANCE
AIRCRAFT
RT AERIAL RECONNAISSANCE
∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
FLYING PLATFORMS
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
∞ MILITARY AVIATION
MILITARY HELICOPTERS
OBSERVATION AIRCRAFT
PILOTLESS AIRCRAFT
SUBMERSIBLE AIRCRAFT
SUPERSONIC AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
VALIANT AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT
YF-12 AIRCRAFT

RECONNAISSANCE SPACECRAFT

GS MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
INSPECTOR SATELLITE
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE
PHOTO RECONNAISSANCE
SPACECRAFT
RT AERIAL RECONNAISSANCE
ARTIFICIAL SATELLITES
MANNED ORBITAL LABORATORIES
MANNED SPACECRAFT
UNMANNED SPACECRAFT

RECONSTRUCTION

GS RECONSTRUCTION
WAVE FRONT RECONSTRUCTION
RT CONSTRUCTION
RESTORATION

∞ RECORDERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CABLE FORCE RECORDERS
DATA RECORDERS
PLAYBACKS
RECORDING INSTRUMENTS
REGISTERS (COMPUTERS)
TAPE RECORDERS
VLF EMISSION RECORDERS

RECORDING

GS RECORDING
DATA RECORDING
DATA SMOOTHING
MAGNETIC RECORDING
PHOTOGRAPHIC RECORDING
PREDICTION RECORDING
RT PLAYBACKS
PLOTING
PRIVACY
∞ STORAGE

RECORDING HEADS

RT DATA RECORDING
MAGNETIC RECORDING
MAGNETIC TAPES
RECORDING INSTRUMENTS
TAPE RECORDERS
VIDEO EQUIPMENT

RECORDING INSTRUMENTS

UF EMISSOGRAPHS
PLUVIOGRAPHS
THERMOGRAMS
GS RECORDING INSTRUMENTS
BATHY THERMOGRAPHS
CABLE FORCE RECORDERS
FLIGHT LOAD RECORDERS
FLIGHT RECORDERS
FORCE VECTOR RECORDERS
MECHANOGRAMS

RECORDS

RECORDING INSTRUMENTS-(CONT)

OSCILLOGRAPHS
PLOTTERS
X-Y PLOTTERS
PRESSURE RECORDERS
RADIOMETEOROLOGRAPHS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
WEATHER DATA RECORDERS
WHISTLER RECORDERS
RT AIRCRAFT INSTRUMENTS
AUTOMATIC CONTROL
BUBBLE TECHNIQUE
CONTROL EQUIPMENT
COUNTERS
DATA RECORDERS
ELECTRONIC RECORDING SYSTEMS
FLIGHT INSTRUMENTS
GRAPHS (CHARTS)
INDICATING INSTRUMENTS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
∞ PENS
PHOTOGRAPHIC RECORDING
∞ RECORDERS
RECORDING HEADS
SONOGRAMS
SPHYGMOGRAPHY
TAPE RECORDERS
TRANSDUCERS
VLF EMISSION RECORDERS

RECORDS

GS DOCUMENTS
RECORDS
VIDEO DISKS
RT CASE HISTORIES
∞ DATA
DATA PROCESSING
DATA RECORDING
DOCUMENTATION
∞ DRAWING
FORMAT
HISTORIES
PERIODICALS
PLAYBACKS
PRESIDENTIAL REPORTS
PRIVACY
REPORTS
∞ REPRODUCTION
SUPPLEMENTS
TECHNICAL WRITING
∞ TESTS
TEXTS

RECOVERABILITY

RT DAMAGE ASSESSMENT
∞ PROPERTIES
∞ RECOVERY

RECOVERABLE LAUNCH VEHICLES

GS LAUNCH VEHICLES
RECOVERABLE LAUNCH VEHICLES
RT BOOSTER RECOVERY
LAUNCH VEHICLE CONFIGURATIONS
MULTIENGINE VEHICLES
∞ RECOVERY
RECOVERY PARACHUTES
REUSABLE LAUNCH VEHICLES
∞ VEHICLES
∞ WINGED VEHICLES

RECOVERABLE SATELLITES

USE RECOVERABLE SPACECRAFT

RECOVERABLE SPACECRAFT

UF RECOVERABLE SATELLITES
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
ASTRO VEHICLE
GEMINI 8 SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7

RECOVERABLE SPACECRAFT-(CONT)

REUSABLE SPACECRAFT
ASTROPLANE
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
HERMES MANNED SPACEPLANE
MARS (MANNED REUSABLE
SPACECRAFT)
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
RT BOOSTER ROCKET ENGINES
BOOSTGLIDE VEHICLES
EXPENDABLE STAGES (SPACECRAFT)
HYPERSONIC VEHICLES
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
LIFTING REENTRY VEHICLES
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
MILITARY SPACECRAFT
RENDEZVOUS SPACECRAFT
SATELLITES
SPACE CAPSULES
SPACE SHUTTLE ORBITERS
∞ SPACECRAFT
SPACECRAFT RECOVERY
UNMANNED SPACECRAFT
∞ WINGED VEHICLES

∞ RECOVERY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT BOOSTER RECOVERY
GAS RECOVERY
MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
OIL RECOVERY
PRESSURE RECOVERY
RECLAMATION
RECOVERABILITY
RECOVERABLE LAUNCH VEHICLES
RECOVERY PARACHUTES
RETRIEVAL
REUSE
SPACECRAFT RECOVERY
STRESS RELAXATION
STRESS RELIEVING
VISUAL DISCRIMINATION

RECOVERY PARACHUTES

GS PARACHUTES
RECOVERY PARACHUTES
RT BOOSTER RECOVERY
DISCOVERER RECOVERY CAPSULES
RECOVERABLE LAUNCH VEHICLES
∞ RECOVERY
RIBBON PARACHUTES
SPACECRAFT RECOVERY

RECOVERY VEHICLES

SN (EXCLUDES RECOVERABLE VEHICLES)
RT HELICOPTERS
∞ MILITARY VEHICLES
TRUCKS
∞ VEHICLES

RECOVERY ZONES

RT DOWNRANGE
LANDING SITES
REENTRY RANGE
REGIONS
SPACECRAFT RECOVERY

RECREATION

RT MORALE
PARKS
RELAXATION (PHYSIOLOGY)
REST
STARSITE PROGRAM
URBAN PLANNING
URBAN RESEARCH

NASA THESAURUS (VOLUME 1)

RECRYSTALLIZATION

GS CRYSTALLIZATION
RECRYSTALLIZATION
RT ANNEALING
HEAT TREATMENT
LASER ANNEALING
∞ METALLURGY
NUCLEATION
POLYGONIZATION
∞ SEPARATION

RECTANGLES

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
TETRAGONS
RECTANGLES
RT RECTANGULAR PLANFORMS

RECTANGULAR BEAMS

GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
RECTANGULAR BEAMS
RT BOX BEAMS

RECTANGULAR COORDINATES

USE CARTESIAN COORDINATES

RECTANGULAR DRAINAGE

USE DRAINAGE PATTERNS

RECTANGULAR PANELS

GS PANELS
RECTANGULAR PANELS
PLANFORMS
RECTANGULAR PLANFORMS
RECTANGULAR PANELS
RT STRAKES
STRUCTURAL MEMBERS
WING PANELS

RECTANGULAR PLANFORMS

GS PLANFORMS
RECTANGULAR PLANFORMS
RECTANGULAR PANELS
RECTANGULAR PLATES
RECTANGULAR WINGS
RT RECTANGLES
WING PLANFORMS

RECTANGULAR PLATES

GS PLANFORMS
RECTANGULAR PLANFORMS
RECTANGULAR PLATES
RT FLAT PLATES
METAL PLATES
∞ PLATES

RECTANGULAR WAVEGUIDES

GS TRANSMISSION LINES
COMMUNICATION CABLES
WAVEGUIDES
RECTANGULAR WAVEGUIDES
RT BEAM WAVEGUIDES
MICROWAVE FILTERS

RECTANGULAR WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
RECTANGULAR WIND TUNNELS
RT SUBSONIC WIND TUNNELS

RECTANGULAR WINGS

UF STRAIGHT WINGS
GS AIRFOILS
WINGS
UNSWEPT WINGS
RECTANGULAR WINGS
PLANFORMS
RECTANGULAR PLANFORMS
RECTANGULAR WINGS

RECTENNAS

UF RECTIFIER ANTENNAS
GS MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
RECTENNAS
RT SATELLITE POWER TRANSMISSION (TO
EARTH)
SOLAR RADIATION
SPACETENNAS

RECTIFICATION

GS RECTIFICATION

RECTIFICATION-(CONT)

GEOMETRIC RECTIFICATION (IMAGERY)
 RT ∞ CONDENSATION
 DISTILLATION
 PURIFICATION
 REFINING

RECTIFIER ANTENNAS

USE RECTENNAS

RECTIFIERS

SN (EXCLUDES PHOTOGRAPHIC RECTIFIER)

GS **RECTIFIERS**
 AVALANCHE DIODES
 CRYOSAR
 CRYSTAL RECTIFIERS
 GERMANIUM DIODES
 IGNITRONS
 THYRATRONS
 THYRISTORS
 SILICON CONTROLLED RECTIFIERS
 RT BARRITT DIODES
 CURRENT CONVERTERS (AC TO DC)
 DIODES
 ELECTRON TUBES
 ∞ ENERGY SOURCES
 FORM FACTORS
 MERCURY ARCS
 METAL OXIDE SEMICONDUCTORS
 ∞ POWER SUPPLIES
 POWER SUPPLY CIRCUITS
 SEMICONDUCTOR DEVICES
 SOLID STATE DEVICES
 THIN FILMS

RECTUM

GS ANATOMY
 DIGESTIVE SYSTEM
 GASTROINTESTINAL SYSTEM
 INTESTINES
RECTUM
 VISCERA
 INTESTINES
RECTUM

RECUPERATORS

USE REGENERATORS

RECURSION FORMULAS

USE RECURSIVE FUNCTIONS

RECURSIVE FUNCTIONS

UF RECURSION FORMULAS
 GS FUNCTIONS (MATHEMATICS)
RECURSIVE FUNCTIONS
 RT FIR FILTERS
 LISP (PROGRAMMING LANGUAGE)
 STRANGE ATTRACTORS

RECYCLING

RT ECONOMY
 EXTRACTION
 MATERIALS RECOVERY
 NUCLEAR FUEL REPROCESSING
 ∞ PROCESSING
 RECLAMATION
 REFINING
 RESOURCES
 SOLVOLYSIS
 SPENT FUELS

RED ARCS

GS ATMOSPHERIC RADIATION
 AURORAS
 AURORAL ARCS
RED ARCS
 RT ∞ ARCS
 AURORAL IONIZATION

RED BLOOD CELLS

USE ERYTHROCYTES

RED DWARF STARS

GS CELESTIAL BODIES
 STARS
 DWARF STARS
RED DWARF STARS
 RT HOT STARS
 LATE STARS
 MAIN SEQUENCE STARS
 STELLAR LUMINOSITY
 STELLAR MAGNITUDE
 SUBDWARF STARS
 SUPERNOVA REMNANTS

RED DWARF STARS-(CONT)

WHITE DWARF STARS

RED GIANT STARS

GS CELESTIAL BODIES
 STARS
 S STARS
 GIANT STARS
RED GIANT STARS
 CARBON STARS
 RT LATE STARS
 M STARS
 STELLAR EVOLUTION
 STELLAR LUMINOSITY

RED SEA

GS SEAS
RED SEA
 RT AFRICA
 ASIA

RED SHIFT

RT COSMOLOGY
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 GALAXIES
 HUBBLE CONSTANT
 HUBBLE DIAGRAM
 RADIAL VELOCITY

RED TIDE

RT FISHES
 MARINE ENVIRONMENTS
 MICROORGANISMS
 OCEANOGRAPHY
 PLANKTON
 SEA WATER
 TOXICOLOGY

REDEYE MISSILE

GS MISSILES
 ANTI-AIRCRAFT MISSILES
REDEYE MISSILE
 SURFACE TO AIR MISSILES
REDEYE MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

REDOX CELLS

GS ELECTROCHEMICAL CELLS
 ELECTRIC BATTERIES
REDOX CELLS
 RT ELECTROCHEMISTRY
 ELECTROLYTES
 ENERGY CONVERSION EFFICIENCY
 ENERGY STORAGE

REDUCED GRAVITY

UF LOW GRAVITY
 MICROGRAVITY
 SUBGRAVITY
 GS GRAVITATION
REDUCED GRAVITY
 RT ANTIGRAVITY
 BIOPROCESSING
 DROP TOWERS
 FLUID MANAGEMENT
 HIGH GRAVITY ENVIRONMENTS
 LOW GRAVITY MANUFACTURING
 LOW WEIGHT
 MARANGONI CONVECTION

REDUCED ORDER FILTERS

GS LINEAR FILTERS
REDUCED ORDER FILTERS
 RT ELECTRIC FILTERS
 ∞ FILTERS
 KALMAN FILTERS
 NAVIGATION AIDS

∞ REDUCTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 UF DECREMENTING
 DIMINUTION
 SHORTENING
 RT ATTENUATION
 CLEANING
 COMMINUTION
 CONTRACTION
 DAMPING
 DATA REDUCTION
 DECELERATION
 DECONTAMINATION

REDUCTION-(CONT)

DEMAGNETIZATION
 DEOXYGENATION
 DEPLETION
 DEPOLARIZATION
 DILUTION
 DIMMING
 DISPERSING
 DISSIPATION
 DRAG REDUCTION
 ELIMINATION
 FRICTION REDUCTION
 HYDROGENOLYSIS
 ∞ INHIBITION
 IODIMETRY
 LEAKAGE
 METAL WORKING
 NOISE REDUCTION
 OPTIMIZATION
 PRESSURE REDUCTION
 PREVENTION
 PURIFICATION
 REDUCTION (CHEMISTRY)
 REFINING
 RELAXATION (MECHANICS)
 REMOVAL
 RETARDING
 SHRINKAGE
 SIDELobe REDUCTION
 SPIN REDUCTION
 STOPPING
 TAPERING

REDUCTION (CHEMISTRY)

GS CHEMICAL REACTIONS
REDUCTION (CHEMISTRY)
 DEOXIDIZING
 HYDROGENATION
 RT ∞ CHEMISTRY
 DEHYDROGENATION
 ELECTRODEPOSITION
 ELECTROLYSIS
 METAL POWDER
 OXIDATION
 OXIDATION-REDUCTION REACTIONS
 PURIFICATION
 ∞ REDUCTION
 ROASTING
 SMELTING

REDUCTION (MATHEMATICS)

USE OPTIMIZATION

REDUNDANCY

RT ASSURANCE
 COMMUNICATION THEORY
 COMPUTER PROGRAM INTEGRITY
 CORRECTION
 ERROR DETECTION CODES
 INFORMATION THEORY
 RELIABILITY

REDUNDANCY ENCODING

GS CODING
REDUNDANCY ENCODING
 RT CONCATENATED CODES
 DATA TRANSMISSION
 ERROR CORRECTING CODES
 ERROR CORRECTING DEVICES
 ERROR DETECTION CODES
 REPETITION
 SIGNAL ENCODING

REDUNDANT COMPONENTS

UF REDUNDANT STRUCTURES
 RT BACKUPS
 ∞ COMPONENTS
 RELIABILITY
 SPARE PARTS
 ∞ STRUCTURES

REDUNDANT STRUCTURES

USE REDUNDANT COMPONENTS

REEDS (PLANTS)

GS PLANTS (BOTANY)
 GRASSES
REEDS (PLANTS)

REEFS

GS LANDFORMS
 BARRIERS (LANDFORMS)
REEFS
 RT ATOLLS
 BARS (LANDFORMS)

REELS

REEFS-(CONT)

CORAL REEFS
ISLAND ARCS
ISLANDS
OCEANOGRAPHY
ROCKS
SANDS
SHALLOW WATER
∞SHELVES
SHOALS

REELS

RT CABLES (ROPES)
∞CONTAINERS
MAGNETIC TAPES
SPOOLS
TETHERED BALLOONS
TETHERED SATELLITES
TETHERING

REENTRY

GS ATMOSPHERIC ENTRY
REENTRY
HYPERBOLIC REENTRY
HYPERSONIC REENTRY
UNCONTROLLED REENTRY (SPACECRAFT)
MANNED REENTRY
SPACECRAFT REENTRY
UNCONTROLLED REENTRY (SPACECRAFT)
RT ABLATION
AERODYNAMIC HEATING
AERODYNAMIC STABILITY
AERODYNAMICS
AEROTHERMODYNAMICS
DESCENT
DESCENT TRAJECTORIES
∞ENTRY
FLIGHT PATHS
IMPACT PREDICTION
LIFTING REENTRY VEHICLES
LOW OBSERVABLE REENTRY VEHICLES
MISSILES
∞ROCKETS
SPACE FLIGHT
TERMINAL GUIDANCE

REENTRY BODIES

USE REENTRY VEHICLES

REENTRY COMMUNICATION

GS TELECOMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
RT BLACKOUT (PROPAGATION)
MANNED REENTRY
PLASMA SHEATHS
RADIO COMMUNICATION
VOICE COMMUNICATION

REENTRY DECOYS

GS COUNTERMEASURES
REENTRY DECOYS
DECOYS
REENTRY DECOYS
REENTRY VEHICLES
REENTRY DECOYS
RT BALLISTIC MISSILE DECOYS
MISSILE DEFENSE

REENTRY EFFECTS

RT ABLATION
AERODYNAMIC HEATING
BLACKOUT (PROPAGATION)
∞EFFECTS
HYPERSONIC REENTRY
PLASMA SHEATHS
TEMPERATURE EFFECTS

REENTRY GLIDERS

USE LIFTING REENTRY VEHICLES

REENTRY GUIDANCE

GS GUIDANCE (MOTION)
REENTRY GUIDANCE
RT AUTOMATIC CONTROL
DESCENT TRAJECTORIES
INERTIAL GUIDANCE
MANUAL CONTROL
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

REENTRY PHYSICS

RT ABLATION
AEROTHERMOCHEMISTRY
AEROTHERMODYNAMICS
HYPERSONIC REENTRY
LOW OBSERVABLE REENTRY VEHICLES
∞PHYSICS
PLASMA SHEATHS
∞SCIENCE

REENTRY RANGE

GS DISTANCE
REENTRY RANGE
RT MISSILE RANGES
RECOVERY ZONES

REENTRY SHIELDING

GS SHIELDING
HEAT SHIELDING
REENTRY SHIELDING
RT ABLATION
ABLATIVE NOSE CONES
AERODYNAMIC HEATING
AEROTHERMOCHEMISTRY
HEAT SINKS
∞INSULATED STRUCTURES
LUDOX (TRADEMARK)
NOSE CONES
REUSABLE HEAT SHIELDING
SPACECRAFT SHIELDING
THERMAL CONTROL COATINGS
THERMAL INSULATION
THERMAL PROTECTION

REENTRY TRAJECTORIES

GS TRAJECTORIES
DESCENT TRAJECTORIES
REENTRY TRAJECTORIES
RT CIRCUMLUNAR TRAJECTORIES
FLIGHT MECHANICS
HYPERBOLIC REENTRY
MISSILE TRAJECTORIES
MOON-EARTH TRAJECTORIES
SPACECRAFT TRAJECTORIES
TERMINAL GUIDANCE

REENTRY VEHICLES

UF REENTRY BODIES
GS **REENTRY VEHICLES**
AEROSPACEPLANES
ASTROPLANE
BOOSTGLIDE VEHICLES
X-20 AIRCRAFT
LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
LOW OBSERVABLE REENTRY VEHICLES
MANEUVERABLE REENTRY BODIES
MARK 1 REENTRY BODY
MARK 2 REENTRY BODY
MARK 3 REENTRY BODY
MARK 4 REENTRY BODY
MARK 5 REENTRY BODY
MARK 6 REENTRY BODY
MARK 11 REENTRY BODY
MARK 12 REENTRY BODY
MARK 17 REENTRY BODY
RECOVERABLE SPACECRAFT
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT MODULE
ASTRO VEHICLE
GEMINI B SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7
REUSABLE SPACECRAFT
ASTROPLANE
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
HERMES MANNED SPACEPLANE

NASA THESAURUS (VOLUME 1)

REENTRY VEHICLES-(CONT)

MARS (MANNED REUSABLE SPACECRAFT)
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
REENTRY DECOYS
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
X-17 REENTRY VEHICLE
RT ABLATIVE NOSE CONES
AEROTHERMOCHEMISTRY
ATHENA ROCKET VEHICLE
∞BALLISTIC VEHICLES
BLUFF BODIES
∞BODIES
FERRY SPACECRAFT
∞FLIGHT VEHICLES
HYPERSONIC VEHICLES
∞INSULATED STRUCTURES
LANDING MODULES
LIFTING BODIES
MANEUVERABLE SPACECRAFT
MISSILES
NOSE CONES
PYRAMIDAL BODIES
∞ROCKETS
SPACE CAPSULES
∞SPACECRAFT
SPACECRAFT CONFIGURATIONS
TERMINAL GUIDANCE
TEST VEHICLES
∞VEHICLES
∞WINGED VEHICLES

REFERENCE ATMOSPHERES

UF STANDARD ATMOSPHERES
GS MODELS
ATMOSPHERIC MODELS
REFERENCE ATMOSPHERES
STANDARDS
REFERENCE ATMOSPHERES

REFERENCE STARS

GS CELESTIAL BODIES
STARS
RT **REFERENCE STARS**
ASTRONOMICAL COORDINATES
ASTRONOMICAL PHOTOGRAPHY
CELESTIAL NAVIGATION
NAVIGATION AIDS
SPACE NAVIGATION

∞ REFERENCE SYSTEMS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BIBLIOGRAPHIES
CELESTIAL REFERENCE SYSTEMS
COORDINATES
DOCUMENTATION
INDEXES (DOCUMENTATION)
INERTIAL REFERENCE SYSTEMS
LIBRARIES
SPHERICAL COORDINATES
∞SYSTEMS
WISWESSER NOTATIONS

REFERENCES (STANDARDS)

USE STANDARDS

REFILLING

GS FILLING
REFILLING
RT ∞LOADING
REPLENISHMENT

REFINING

GS **REFINING**
ELECTROREFINING
ELECTROSLAG REFINING
RT ALKYLATION
BENEFICIATION
CHEMICAL FRACTIONATION
CLEAN FUELS
CLEANING
∞CONVERSION
CRYSTALLIZATION

REFINING-(CONT)

DESULFURIZING
DEWAXING
DISTILLATION
DROP TRANSFER
ENERGY POLICY
ENRICHMENT
EXTRACTION
FRACTIONATION
HYDROGENATION
HYDROMETALLURGY
ISOMERIZATION
MATERIALS RECOVERY
POLYMERIZATION
∞ PROCESSING
PURIFICATION
PYROMETALLURGY
RECTIFICATION
RECYCLING
∞ REDUCTION
∞ SEPARATION
SMELTING
SUBLIMATION
UPGRADING
ZONE MELTING

REFLECTANCE

UF REFLECTION COEFFICIENT
REFLECTIVITY
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
REFLECTANCE
RT ABSORPTANCE
ALBEDO
ATTENUATION COEFFICIENTS
BIREFRINGENCE
BISTATIC REFLECTIVITY
BRIGHTNESS
COARSENESS
COSMIC RAY ALBEDO
EARTH ALBEDO
FLOW COEFFICIENTS
GEOMETRICAL THEORY OF
DIFFRACTION
LUSTER
OPTICAL MEASUREMENT
OPTICAL REFLECTION
PHOTOMETRY
RAY TRACING
REFLECTION
REFLECTOMETERS
SURFACE PROPERTIES
SURFACE ROUGHNESS EFFECTS
TRANSMITTANCE
VEGETATIVE INDEX

REFLECTED RADIATION

USE REFLECTED WAVES

REFLECTED RAYS

USE REFLECTED WAVES

REFLECTED WAVES

UF REFLECTED RADIATION
REFLECTED RAYS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
OPTICAL REFLECTION
PHOTON BEAMS
∞ RADIATION
REFRACTED WAVES
RETROREFLECTION
WAVE REFLECTION

REFLECTING TELESCOPES

GS TELESCOPES
REFLECTING TELESCOPES
STARSAT TELESCOPE
RT ASTRONOMICAL TELESCOPES
CASSEGRAIN OPTICS
MIRRORS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PARABOLOID MIRRORS
REFLECTORS
SCHMIDT TELESCOPES
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFLECTION

GS **REFLECTION**
INFRARED REFLECTION
OPTICAL REFLECTION

REFLECTION-(CONT)

RETROREFLECTION
SIGNAL REFLECTION
SPECULAR REFLECTION
SPREAD REFLECTION
ULTRAVIOLET REFLECTION
WAVE REFLECTION
MACH REFLECTION
RT BREWSTER ANGLE
DEFLECTION
DIFFUSION
ECHELETTE GRATINGS
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC RADIATION
IMPINGEMENT
LIGHT (VISIBLE RADIATION)
∞ OPTICS
REFLECTANCE
REFRACTION
SCATTERING
TRANSMISSION
ZERO SOUND

REFLECTION COEFFICIENT

USE REFLECTANCE

REFLECTION NEBULAE

GS CELESTIAL BODIES
NEBULAE
REFLECTION NEBULAE
RT COSMIC DUST
INTERSTELLAR MATTER
LIGHT SCATTERING

REFLECTIVITY

USE REFLECTANCE

REFLECTOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
RT COMPARATORS
DIRECTORS (ANTENNA ELEMENTS)
OPTICAL MEASUREMENT
PHOTOMETERS
REACTOR CORES
REFLECTANCE
SCHELKUNOFF PRINCIPLE
TWO REFLECTOR ANTENNAS
ULTRAVIOLET REFLECTION

REFLECTOR SATELLITES

USE PASSIVE SATELLITES

REFLECTORS

GS **REFLECTORS**
FRESNEL REFLECTORS
PARABOLIC REFLECTORS
PARABOLOID MIRRORS
RADAR REFLECTORS
RADAR CORNER REFLECTORS
RETROREFLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
WIGGLER MAGNETS
RT ANTENNAS
ATTENUATORS
BAFFLES
CEILINGS (ARCHITECTURE)
DEFLECTORS
DIRECTORS (ANTENNA ELEMENTS)
HELIOSTATS
MIRRORS
PLASMA CORE REACTORS
RADIATION SHIELDING
REACTOR CORES
REFLECTING TELESCOPES
SCHELKUNOFF PRINCIPLE
SUBREFLECTORS
TELESCOPES
TWO REFLECTOR ANTENNAS

REFLEXES

GS **REFLEXES**
CAROTID SINUS REFLEX
CONDITIONED REFLEXES
RESPIRATORY REFLEXES
COUGH
HERING-BREVER REFLEX
SNEEZING

REFLEXES-(CONT.)

VESTIBULAR NYSTAGMUS
RT DECONDITIONING
REACTION TIME
VASOCONSTRICTION
VASODILATION

REFORESTATION

GS MANAGEMENT
RESOURCES MANAGEMENT
FOREST MANAGEMENT
REFORESTATION
RT FORESTS
TIMBER INVENTORY

REFRACTED RADIATION

USE REFRACTED WAVES

REFRACTED RAYS

USE REFRACTED WAVES

REFRACTED WAVES

UF REFRACTED RADIATION
REFRACTED RAYS
RT CORPUSCULAR RADIATION
EIKONAL EQUATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
PHOTON BEAMS
REFLECTED WAVES
REFRACTION
∞ WAVES

REFRACTING TELESCOPES

GS TELESCOPES
REFRACTING TELESCOPES
RT ASTRONOMICAL TELESCOPES
LENSES
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFRACTION

GS **REFRACTION**
ATMOSPHERIC REFRACTION
RADIO WAVE REFRACTION
BIREFRINGENCE
RT ASPHERICITY
ASTIGMATISM
∞ CONDUCTION
DEFLECTION
DIFFRACTION
DISTORTION
DIVERGENCE
HUYGENS PRINCIPLE
ISOCROMATICS
LENSES
LIGHT (VISIBLE RADIATION)
PHOTOELASTICITY
PRISMS
REFLECTION
REFRACTED WAVES
REFRACTIVITY
SINKING
SNELLS LAW
TRANSMISSION
VOIGT EFFECT
WAVE DISPERSION
WAVE PROPAGATION

REFRACTIVE INDEX

USE REFRACTIVITY

REFRACTIVITY

UF REFRACTIVE INDEX
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
REFRACTIVITY
RT ATMOSPHERIC REFRACTION
BIREFRINGENCE
BIREFRINGENT COATINGS
BIREFRINGENT FILTERS
BREWSTER ANGLE
GRADIENT INDEX OPTICS
ISOTROPISM
LIGHT (VISIBLE RADIATION)
OPACITY
OPTICAL THICKNESS
POLARIZATION (WAVES)
RATIOS
REFRACTION
REFRACTOMETERS
SNELLS LAW

REFRACTOMETERS

REFRACTIVITY-(CONT)

UNDERWATER OPTICS

REFRACTOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
RT GONIOMETERS
OPTICAL MEASUREMENT
REFRACTIVITY

REFRACTORIES

GS REFRACTORY MATERIALS
REFRACTORIES
RT CERAMICS
CERMETS
COMBUSTION CHAMBERS
FORSTERITE
FURNACES
HEARTHS
MORTARS (MATERIAL)
REFRACTORY COATINGS
ROCKET ENGINES
ROCKET LININGS
THERMAL INSULATION
TURBINES

REFRACTORY COATINGS

GS COATINGS
PROTECTIVE COATINGS
REFRACTORY COATINGS
RT CERAMICS
PYROLYTIC MATERIALS
REFRACTORIES
THERMAL INSULATION

REFRACTORY MATERIALS

UF HIGH MELTING COMPOUNDS
HIGH TEMPERATURE MATERIALS
PYROGRAPHALLOY
GS **REFRACTORY MATERIALS**
LUDOX (TRADEMARK)
PORCELAIN
REFRACTORIES
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RT ABLATIVE MATERIALS
CARBIDES
CARBORUNDUM (TRADEMARK)
CERAMICS
CERMETS
∞CHEMICAL COMPOUNDS
CLAYS
HIGH TEMPERATURE RESEARCH
∞INORGANIC MATERIALS
∞MATERIALS
∞METAL COMPOUNDS
NONFLAMMABLE MATERIALS
NOZZLE WALLS
PYROLYTIC MATERIALS
SCOTCHLITE (TRADEMARK)
SIALON

REFRACTORY METAL ALLOYS

GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS

REFRACTORY METAL ALLOYS-(CONT)

MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS

REFRACTORY METALS

SN (METALS MELTING ABOVE
APPROXIMATELY 2400 C)
GS CHEMICAL ELEMENTS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RT HEAT RESISTANT ALLOYS

REFRACTORY PERIOD

RT REACTION TIME
∞RELAXATION
RESPONSES
TIME LAG

REFRASIL (TRADEMARK)

USE FIBERS
SILICON DIOXIDE

REFRIGERANTS

RT ABSORBERS (MATERIALS)
ABSORPTION COOLING
AIR CONDITIONING
AMMONIA

NASA THESAURUS (VOLUME 1)

REFRIGERANTS-(CONT.)

BRINES
COOLANTS
COOLING SYSTEMS
FLUOROHYDROCARBONS
FREON
ICE
REFRIGERATING
REFRIGERATING MACHINERY
REFRIGERATORS
SOLID NITROGEN

REFRIGERATING

RT AIR CONDITIONING
AIR COOLING
COLD TRAPS
CONDENSING
COOLERS
COOLING
COOLING SYSTEMS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENICS
DEFROSTING
DEHUMIDIFICATION
FREEZING
FREON
FROZEN FOODS
HUMIDITY
LOW TEMPERATURE
MAGNETIC COOLING
PRESERVING
REFRIGERANTS
REFRIGERATORS
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMOELECTRIC COOLING
VENTILATION

REFRIGERATING MACHINERY

GS **REFRIGERATING MACHINERY**
REFRIGERATORS
RT ABSORBERS (EQUIPMENT)
AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
BLOWERS
COMPRESSORS
CONDENSERS (LIQUEFIERS)
COOLERS
COOLING SYSTEMS
CRYOGENIC EQUIPMENT
EVAPORATORS
HEAT PUMPS
∞MACHINERY
REFRIGERANTS
TEMPERATURE CONTROL
THERMOELECTRIC COOLING

REFRIGERATORS

GS REFRIGERATING MACHINERY
REFRIGERATORS
RT COOLERS
DEFROSTING
REFRIGERANTS
REFRIGERATING

REFSAT

GS SATELLITES
ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
REFSAT
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
REFSAT
RT NAVSTAR SATELLITES
SYNCHRONOUS SATELLITES

REFUELING

UF FUELING
GS **REFUELING**
AIR TO AIR REFUELING
RT AIRCRAFT HAZARDS
FLIGHT OPERATIONS
FUEL CONSUMPTION
FUEL CONTAMINATION
FUEL CONTROL
FUEL SYSTEMS
GROUND SUPPORT EQUIPMENT
PREFLIGHT OPERATIONS
PROPELLANT TRANSFER
REPLENISHMENT
RETRACTABLE EQUIPMENT

NASA THESAURUS (VOLUME 1)

∞ REGENERATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT REGENERATION (ENGINEERING)
REGENERATION (PHYSIOLOGY)

REGENERATION (ENGINEERING)

UF REGENERATIVE CYCLES

RT ∞ GENERATION
POSITIVE FEEDBACK
RECLAMATION
∞ REGENERATION

REGENERATION (PHYSIOLOGY)

UF BIOREGENERATION

RT PHYSIOLOGY
∞ REGENERATION

REGENERATIVE COOLING

GS COOLING

RT REGENERATIVE COOLING
HEAT EXCHANGERS
PRECOOLING
REGENERATORS

REGENERATIVE CYCLES

USE REGENERATION (ENGINEERING)

REGENERATIVE FEEDBACK

USE POSITIVE FEEDBACK

REGENERATIVE FUEL CELLS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
FUEL CELLS

REGENERATIVE FUEL CELLS

ELECTROCHEMICAL CELLS

FUEL CELLS

REGENERATIVE FUEL CELLS

RT BIOCHEMICAL FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
STORAGE BATTERIES

REGENERATORS

UF RECUPERATORS

GS REGENERATORS

THERMOSIPHONS

RT ENERGY STORAGE
HEAT EXCHANGERS
HEAT SINKS
REGENERATIVE COOLING
TUBE HEAT EXCHANGERS

REGGE POLES

RT ANGULAR MOMENTUM

∞ POLES

POMERANCHUK THEOREM

POMERONS

SCATTERING CROSS SECTIONS

REGIMES

RT COMMUNITIES
CULTURE (SOCIAL SCIENCES)
ENVIRONMENTS
GOVERNMENTS
NATIONS
POLITICS

REGIONAL PLANNING

GS PLANNING

REGIONAL PLANNING

URBAN PLANNING

RT CONSERVATION
FARMLANDS
FOREST MANAGEMENT
FORESTS
HARBORS
HIGHWAYS
INDUSTRIAL AREAS
LAKES
LAND MANAGEMENT
MEGALOPOLISES
PARKS
RESIDENTIAL AREAS
RURAL AREAS
RURAL LAND USE
ST LOUIS-KANSAS CITY CORRIDOR (MO)
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN TRANSPORTATION

REGIONS

UF ZONES

REGIONS-(CONT)

GS

REGIONS

AURORAL ZONES
BRILLQUIN ZONES
CENTRAL ATLANTIC REGION (US)
D REGION
E REGION
EQUATORIAL REGIONS
F REGION
FRESNEL REGION
GUTENBERG ZONE
HABITATS
INTERTROPICAL CONVERGENT ZONES
LUMBAR REGION
M REGION
NEW ENGLAND (US)
NULL ZONES
PACIFIC NORTHWEST (US)
PANAMA CANAL ZONE
PELAGIC ZONE
POLAR REGIONS
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
ARCTIC REGIONS
REMOTE REGIONS
ANTARCTIC REGIONS
ARCTIC REGIONS
SAND HILLS REGION (GA-NC-SC)
SAND HILLS REGION (NE)
SOUTHEAST ASIA
SOUTHERN CALIFORNIA
SUBARCTIC REGIONS
TEMPERATE REGIONS
TROPICAL REGIONS
AMAZON REGION (SOUTH AMERICA)

RT ASTEROID BELTS

∞ BELTS

BOUNDARIES

CENTRAL AMERICA

IONOSPHERE

∞ LAYERS

RECOVERY ZONES

∞ SECTORS

SITES

∞ REGISTERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT REGISTERS (AIR CIRCULATION)
REGISTERS (COMPUTERS)

REGISTERS (AIR CIRCULATION)

RT COOLING SYSTEMS

∞ REGISTERS

REGISTERS (COMPUTERS)

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES

REGISTERS (COMPUTERS)

RT CENTRAL PROCESSING UNITS

∞ RECORDERS

∞ REGISTERS

SHIFT REGISTERS

REGOLITH

GS

ROCKS

RT REGOLITH

BASALT

BEDROCK

BRECCIA

CARBONACEOUS ROCKS

COAL

EARTH MANTLE

EARTH RESOURCES

ENSTATITE

GEOLOGY

IGNEOUS ROCKS

LAVA

LITHOLOGY

LUNAR GEOLOGY

LUNAR MANTLE

LUNAR ROCKS

MAGMA

OLIVINE

PERIDOTITE

PYROXENES

ROCK INTRUSIONS

SELENOLOGY

STRATIGRAPHY

REGRESSION (STATISTICS)

USE REGRESSION ANALYSIS

REINFORCED MATERIALS

REGRESSION ANALYSIS

UF REGRESSION (STATISTICS)

GS STATISTICAL ANALYSIS
VARIANCE (STATISTICS)
MULTIVARIATE STATISTICAL
ANALYSIS

REGRESSION ANALYSIS

RT AUTOREGRESSIVE PROCESSES

CLUMPS

CORRELATION

COVARIANCE

EXPERIMENT DESIGN

FACTOR ANALYSIS

FORECASTING

LEAST SQUARES METHOD

QUALITY CONTROL

SIGNIFICANCE

STATISTICAL TESTS

VARIABILITY

REGRESSION COEFFICIENTS

GS COEFFICIENTS

REGRESSION COEFFICIENTS

RT CORRELATION

FORECASTING

MATHEMATICAL MODELS

QUALITY CONTROL

REGULARITY

RT PHYSIOLOGY

∞ PROPERTIES

REGULATION

USE CONTROL

REGULATIONS

RT AIR LAW

ALLOWANCES

∞ CONTROL

COPYRIGHTS

CRIME

LAW (JURISPRUDENCE)

LIABILITIES

LICENSING

PATENT POLICY

PENALTIES

POLICE

POLICIES

PROCUREMENT POLICY

PROHIBITION

RULES

REGULATORS

SN (EXTRACT ENERGY NEEDED FOR OPERATION FROM THE VARIABLE, MATERIAL, OR CONDITION BEING REGULATED)

GS REGULATORS

AUTOMATIC FREQUENCY CONTROL

CURRENT REGULATORS

FLOW REGULATORS

FUEL FLOW REGULATORS

FREQUENCY CONTROL

GIBBERELLINS

OXYGEN REGULATORS

PRESSURE REGULATORS

RELIEF VALVES

SPEED REGULATORS

THERMOSTATS

VOLTAGE REGULATORS

RT ACTUATORS

AUTOMATIC CONTROL

AUTOMATIC CONTROL VALVES

∞ CONTROL

CONTROLLERS

CRYOSTATS

SPEED CONTROL

REGULUS MISSILE

GS MISSILES

SURFACE TO SURFACE MISSILES

REGULUS MISSILE

RT SOLID PROPELLANT ROCKET ENGINES

TURBOJET ENGINES

REHEATING

USE HEATING

REIGNITION

USE IGNITION

REINFORCED MATERIALS

USE COMPOSITE MATERIALS

REINFORCED PLASTICS

REINFORCED PLASTICS

- GS COMPOSITE MATERIALS
 - REINFORCED PLASTICS**
 - GLASS FIBER REINFORCED PLASTICS
 - MICARTA
 - PLASTICS
 - REINFORCED PLASTICS**
 - MICARTA
- RT AIRCRAFT SURVIVABILITY
 - BORON FIBERS
 - BORON REINFORCED MATERIALS
 - FIBER COMPOSITES
 - GRAPHITE-EPOXY COMPOSITES
 - LAMINATES
 - POLYMER MATRIX COMPOSITES
 - REINFORCEMENT (STRUCTURES)
 - THERMOSETTING RESINS

REINFORCED PLATES

- GS STRUCTURAL MEMBERS
 - PLATES (STRUCTURAL MEMBERS)
 - REINFORCED PLATES**
- RT ANISOTROPIC PLATES
 - CORRUGATED PLATES
 - LAMINATES
 - REINFORCEMENT (STRUCTURES)

REINFORCED SHELLS

- GS SHELLS (STRUCTURAL FORMS)
 - REINFORCED SHELLS**
- RT ANISOTROPIC SHELLS
 - CORRUGATED SHELLS
 - CYLINDRICAL SHELLS
 - FLUID FILLED SHELLS
 - HEMISPHERICAL SHELLS
 - LIQUID FILLED SHELLS
 - METAL SHELLS
 - ORTHOTROPIC SHELLS
 - REINFORCEMENT (STRUCTURES)
 - REINFORCEMENT RINGS
 - SHELL STABILITY
 - SPHERICAL SHELLS
 - THIN WALLED SHELLS
 - TOROIDAL SHELLS
 - WIND TUNNEL WALLS

∞ REINFORCEMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- RT REINFORCEMENT (PSYCHOLOGY)
- REINFORCEMENT (STRUCTURES)

REINFORCEMENT (PSYCHOLOGY)

- GS REINFORCEMENT (PSYCHOLOGY)
 - REWARD (PSYCHOLOGY)
- RT LEARNING
 - MOTIVATION
- ∞ REINFORCEMENT
 - SELF STIMULATION

REINFORCEMENT (STRUCTURES)

- RT BULKHEADS
 - COMPOSITE MATERIALS
 - FILLERS
 - LONGERONS
 - REINFORCED PLASTICS
 - REINFORCED PLATES
 - REINFORCED SHELLS
 - ∞ REINFORCEMENT
 - REINFORCEMENT RINGS
 - RIBS (SUPPORTS)
 - RIGID STRUCTURES
 - RING STRUCTURES
 - STIFFENING
 - STRAKES
 - STRINGERS
 - STRUCTURAL MEMBERS
 - STRUCTURAL STABILITY
 - STRUCTURAL STRAIN
 - SUPPORTS
 - THICK WALLS
 - WIRE
 - WIRE CLOTH

REINFORCEMENT RINGS

- GS RING STRUCTURES
 - REINFORCEMENT RINGS**
- RT REINFORCED SHELLS
 - REINFORCEMENT (STRUCTURES)
 - RIBS (SUPPORTS)
 - ∞ RINGS

REINFORCING FIBERS

- GS FIBERS

REINFORCING FIBERS-(CONT)

REINFORCING FIBERS

- BORON FIBERS
- CARBON FIBERS
- RT BORON REINFORCED MATERIALS
 - CARBON FIBER REINFORCED PLASTICS
 - CARBON-CARBON COMPOSITES
 - CERAMIC MATRIX COMPOSITES
 - COMPOSITE MATERIALS
 - DACRON (TRADEMARK)
 - FIBER COMPOSITES
 - FIBER ORIENTATION
 - GLASS FIBER REINFORCED PLASTICS
 - GLASS FIBERS
 - GRAPHITE-EPOXY COMPOSITES
 - LAY-UP
 - METAL FIBERS
 - METAL MATRIX COMPOSITES
 - MICROMECHANICS
 - REINFORCING MATERIALS
 - SUPERHYBRID MATERIALS
 - SYNTHETIC FIBERS
 - WHISKER COMPOSITES

REINFORCING MATERIALS

- RT COMPOSITE MATERIALS
 - FABRICS
 - FIBER REINFORCED COMPOSITES
 - FIBERS
 - ∞ FILAMENTS
 - ∞ MATERIALS
 - MATRIX MATERIALS
 - REINFORCING FIBERS

REISSNER THEORY

- RT PLATES (STRUCTURAL MEMBERS)
 - STRESS ANALYSIS
 - ∞ THEORIES

REISSNER-NORDSTROM SOLUTION

- RT ASTRONOMICAL MODELS
 - BLACK HOLES (ASTRONOMY)
 - CHARGED PARTICLES
 - GRAVITATIONAL EFFECTS
 - RELATIVITY

REJECTION

- RT ACCEPTABILITY
 - ELIMINATION
 - EVALUATION
 - EXCLUSION
 - REMOVAL
 - SELECTION

∞ RELATIONSHIPS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- UF INTERRELATIONSHIPS
- RT APPROXIMATION
 - DUALITY THEOREM
 - HOMOLOGY
 - STRESS-STRAIN RELATIONSHIPS

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)

- UF RBE
- GS BIOLOGICAL EFFECTS
 - RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)**
- RT ∞ BIOLOGY
 - PHYSIOLOGICAL EFFECTS

RELATIVISTIC EFFECTS

- RT DIMENSIONS
 - ∞ EFFECTS
 - GRAVITATIONAL LENSES
 - MASS
 - RELATIVITY
 - TIME
 - VELOCITY

RELATIVISTIC ELECTRON BEAMS

- UF REB
- GS BEAMS (RADIATION)
 - PARTICLE BEAMS
 - ELECTRON BEAMS
 - RELATIVISTIC ELECTRON BEAMS**
- PARTICLES
 - CORPUSCULAR RADIATION
 - ELECTRON RADIATION
 - ELECTRON BEAMS
 - RELATIVISTIC ELECTRON BEAMS**
 - RELATIVISTIC PARTICLES
 - RELATIVISTIC ELECTRON BEAMS**
- RT BEAM PLASMA AMPLIFIERS

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RELATIVISTIC ELECTRON BEAMS-(CONT)

- BETA PARTICLES
- CONTROLLED FUSION
- ELECTRON BOMBARDMENT
- ELECTRON SCATTERING
- INERTIAL FUSION (REACTOR)
- IONIZING RADIATION
- PLASMA HEATING
- PLASMA JETS
- PLASMA-PARTICLE INTERACTIONS

RELATIVISTIC PARTICLES

- GS PARTICLES
 - RELATIVISTIC PARTICLES**
- RT RELATIVISTIC ELECTRON BEAMS
- HAMILTON-JACOBI EQUATION

RELATIVISTIC PLASMAS

- GS GASES
 - IONIZED GASES
 - CHARGED PARTICLES
 - RELATIVISTIC PLASMAS**
- PARTICLES
 - CHARGED PARTICLES
 - ENERGETIC PARTICLES
 - PLASMAS (PHYSICS)
 - RELATIVISTIC PLASMAS**
- RT ASTRON THERMONUCLEAR REACTOR
 - BREMSSTRAHLUNG
 - COSMIC PLASMA
 - ELECTRON PLASMA
 - GRAVITATIONAL COLLAPSE
 - HIGH TEMPERATURE PLASMAS
 - PINCH EFFECT
 - PLASMA JETS
 - PLASMA RADIATION
 - PLASMA-PARTICLE INTERACTIONS
 - PONDEROMOTIVE FORCES

RELATIVISTIC THEORY

- UF WIGHTMAN THEORY
- GS **RELATIVISTIC THEORY**
- MANDELSTAM REPRESENTATION
- RT ∞ THEORIES

RELATIVISTIC VELOCITY

- GS RATES (PER TIME)
 - RELATIVISTIC VELOCITY**
 - VELOCITY
 - RELATIVISTIC VELOCITY**
- RT HIGH SPEED
 - ∞ HYPERVELOCITY
 - LIGHT SPEED
 - PARTICLE MOTION

RELATIVITY

- UF GEOMETRODYNAMICS
- SPACE-TIME CONTINUUM
- RT BIG BANG COSMOLOGY
- CONTINUUMS
 - DIFFERENTIAL GEOMETRY
 - FIELD THEORY (PHYSICS)
 - GRAVITATIONAL LENSES
 - GRAVITY PROBE B
 - INERTIAL REFERENCE SYSTEMS
 - LORENTZ CONTRACTION
 - NAKED SINGULARITIES
 - NONRELATIVISTIC MECHANICS
 - PARADOXES
 - PONDEROMOTIVE FORCES
 - QUANTUM MECHANICS
 - REISSNER-NORDSTROM SOLUTION
 - RELATIVISTIC EFFECTS
 - SCHWARZSCHILD METRIC
 - SPACE-TIME FUNCTIONS
 - SENSOR ANALYSIS
 - UNIFIED FIELD THEORY

∞ RELAXATION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- RT CROSS RELAXATION
 - MOLECULAR RELAXATION
 - REFRACTORY PERIOD
 - RELAXATION (MECHANICS)
 - RELAXATION (PHYSIOLOGY)
 - RELAXATION METHOD (MATHEMATICS)

RELAXATION (MECHANICS)

- GS **RELAXATION (MECHANICS)**
 - SPIN-LATTICE RELAXATION
 - STRESS RELAXATION
- RT ∞ EQUILIBRIUM
 - EXPANSION

- RELAXATION (MECHANICS)-(CONT)**
 MAGNETIC RELAXATION
 MOLECULAR RELAXATION
 NUCLEAR RELAXATION
 ∞ REDUCTION
 RELAXATION METHOD (MATHEMATICS)
 RELAXATION TIME
 RESIDUAL STRESS
 VISCOELASTICITY
 VISCOPLASTICITY
- RELAXATION (PHYSIOLOGY)**
 RT COMPRESSIBILITY EFFECTS
 MASSAGING
 RECREATION
 ∞ RELAXATION
 WORK-REST CYCLE
- RELAXATION METHOD (MATHEMATICS)**
 GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
RELAXATION METHOD (MATHEMATICS)
 RT COMPUTATIONAL FLUID DYNAMICS
 ∞ METHODOLOGY
 ∞ RELAXATION
 RELAXATION (MECHANICS)
- RELAXATION OSCILLATORS**
 GS OSCILLATORS
RELAXATION OSCILLATORS
 PHANTASTRONS
- RELAXATION TIME**
 GS TIME
RELAXATION TIME
 RT ∞ EQUILIBRIUM
 EXCITATION
 MAXWELL BODIES
 MOLECULAR RELAXATION
 SPIN-LATTICE RELAXATION
 TIME CONSTANT
- ∞ **RELAY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DISCONNECT DEVICES
 ELECTRIC CONTACTS
 ELECTRIC RELAYS
 LOGIC CIRCUITS
 RADIO RELAY SYSTEMS
 REPEATERS
- RELAY SATELLITES**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
RELAY SATELLITES
 RELAY 1 SATELLITE
 RELAY 2 SATELLITE
 RT ADVENT PROJECT
 THOR DELTA LAUNCH VEHICLE
 TRANSOCEANIC COMMUNICATION
- RELAY 1 SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 RELAY SATELLITES
RELAY 1 SATELLITE
- RELAY 2 SATELLITE**
 GS SATELLITES
 ARTIFICIAL SATELLITES
 COMMUNICATION SATELLITES
 RELAY SATELLITES
RELAY 2 SATELLITE
- RELEASING**
 GS **RELEASING**
 FIBER RELEASE
 RT DECOUPLING
 ∞ DISCHARGE
 DISCONNECT DEVICES
 DISPERSING
 DUMPING
 EJECTION
 EMISSION
 EMPTYING
 EXHAUST EMISSION
 MATERIALS HANDLING
 RELIEVING
- RELEASING-(CONT)**
 SCATTERING
 SPILLING
 UNLOADING
 VENTING
- RELIABILITY**
 GS **RELIABILITY**
 AIRCRAFT RELIABILITY
 CIRCUIT RELIABILITY
 COMPONENT RELIABILITY
 SPACECRAFT RELIABILITY
 STRUCTURAL RELIABILITY
 RT ACCEPTABILITY
 ACCURACY
 AIRCRAFT SURVIVABILITY
 ALLOWANCES
 ASSURANCE
 CENSORED DATA (MATHEMATICS)
 COMPUTER SYSTEMS PERFORMANCE
 CONFIDENCE
 CONFIDENCE LIMITS
 CONSISTENCY
 CUMULATIVE DAMAGE
 ∞ DESIGN
 DESIGN ANALYSIS
 DOWNTIME
 DURABILITY
 DYNAMIC CHARACTERISTICS
 ERRORS
 ESTIMATES
 EXPECTATION
 FAILURE ANALYSIS
 FORECASTING
 MAINTAINABILITY
 MAINTENANCE
 MAXIMUM LIKELIHOOD ESTIMATES
 MECHANICAL PROPERTIES
 MISSILE DESIGN
 MTBF
 NONDESTRUCTIVE TESTS
 ∞ PERFORMANCE
 PERFORMANCE PREDICTION
 PRECISION
 PRELAUNCH PROBLEMS
 PROBABILITY THEORY
 PRODUCT DEVELOPMENT
 PRODUCTION MANAGEMENT
 PRODUCTIVITY
 QUALITY
 QUALITY CONTROL
 REDUNDANCY
 REDUNDANT COMPONENTS
 RISK
 SAFETY FACTORS
 SAMPLING
 SPECIFICATIONS
 STABILITY
 STANDARDS
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS
 ∞ STATISTICS
 SYSTEM EFFECTIVENESS
 SYSTEMS COMPATIBILITY
 SYSTEMS ENGINEERING
 ∞ TESTS
 TOLERANCES (MECHANICS)
 VALIDITY
 VARIABILITY
 VULNERABILITY
- RELIABILITY ANALYSIS**
 RT ∞ ANALYZING
 DESIGN ANALYSIS
 PERFORMANCE PREDICTION
- RELIABILITY CONTROL**
 USE QUALITY CONTROL
 RELIABILITY ENGINEERING
- RELIABILITY ENGINEERING**
 UF RELIABILITY CONTROL
 RT COMPLEX SYSTEMS
 ∞ ENGINEERING
 FAULT TOLERANCE
 PERFORMANCE PREDICTION
 QUALITY CONTROL
 SNEAK CIRCUIT ANALYSIS
 SYSTEM EFFECTIVENESS
 SYSTEM IDENTIFICATION
 SYSTEMS COMPATIBILITY
 SYSTEMS ENGINEERING
 VALUE ENGINEERING
- RELIC RADIATION**
 RT ASTRONOMY
 ASTROPHYSICS
 BACKGROUND RADIATION
 BIG BANG COSMOLOGY
 EXTRATERRESTRIAL RADIATION
 ∞ RADIATION
 UNIVERSE
- RELIEF MAPS**
 GS MAPS
RELIEF MAPS
 RT HYPSOGRAPHY
 PHOTOGRAMMETRY
 PHOTOMAPS
 TOPOGRAPHY
- RELIEF VALVES**
 GS REGULATORS
RELIEF VALVES
 VALVES
 AUTOMATIC CONTROL VALVES
RELIEF VALVES
 RT AUTOMATIC CONTROL
 BYPASSES
 FUEL TANK PRESSURIZATION
 FUEL VALVES
 GAS VALVES
 HYDRAULIC EQUIPMENT
 PRESSURE REGULATORS
 REACTOR SAFETY
 VENTING
 VENTS
- RELIEVING**
 GS **RELIEVING**
 STRESS RELIEVING
 RT ∞ DISCHARGE
 EXHAUSTING
 PURGING
 RELEASING
- RELOCATION**
 RT INSTALLING
 POSITIONING
 REPLACING
- RELUCTANCE**
 UF RELUCTIVITY
 GS MAGNETIC PROPERTIES
RELUCTANCE
 RT MAGNETIC PERMEABILITY
 MAGNETORESISTIVITY
- RELUCTIVITY**
 USE RELUCTANCE
- REMAGNETIZATION**
 USE MAGNETIZATION
- REMANENCE**
 GS MAGNETIC PROPERTIES
REMANENCE
 RT FLUX DENSITY
 PALEOMAGNETISM
- REMELTING**
 USE MELTING
- REMODULATION**
 RT DEMODULATION
 INTERMODULATION
 MODULATION
- REMOTE CONSOLES**
 GS PERIPHERAL EQUIPMENT (COMPUTERS)
 CONSOLES
REMOTE CONSOLES
 RT COMPUTER COMPONENTS
 COMPUTER GRAPHICS
 DATA LINKS
 DATA PROCESSING EQUIPMENT
 DATA PROCESSING TERMINALS
 DISPLAY DEVICES
 PLOTTERS
 READOUT
- REMOTE CONTROL**
 UF ELECTROMAGNETIC CONTROL
 GS **REMOTE CONTROL**
 RADIO CONTROL
 RT AIRCRAFT CONTROL
 ANTIRADIATION MISSILES
 ATTITUDE CONTROL

REMOTE HANDLING

REMOTE CONTROL-(CONT)

- AUTOMATIC CONTROL
- ∞AUTOMATION
- CASCADE CONTROL
- ∞CONTROL
- CONTROL BOARDS
- CONTROLLERS
- DIGITAL COMMAND SYSTEMS
- DYNAMIC CHARACTERISTICS
- ELECTRIC CONTROL
- ELECTRONIC CONTROL
- ENGINE CONTROL
- FLIGHT CONTROL
- GROUND BASED CONTROL
- GUIDANCE (MOTION)
- HYDRAULIC CONTROL
- ∞INSTRUMENTS
- KALMAN-SCHMIDT FILTERING
- MANIPULATORS
- MANUAL CONTROL
- MISSILE CONTROL
- PNEUMATIC CONTROL
- REMOTE MANIPULATOR SYSTEM
- ROCKET ENGINE CONTROL
- SATELLITE CONTROL
- SERVOCONTROL
- SERVOMECHANISMS
- SPACECRAFT CONTROL
- TELEOPERATORS
- TEMPERATURE CONTROL
- TURBOJET ENGINE CONTROL
- VISUAL CONTROL

REMOTE HANDLING

- UF TELECHIRICS
- GS MATERIALS HANDLING
- RT **REMOTE HANDLING**
 - MANIPULATORS
 - PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
 - TELEOPERATORS

REMOTE MANIPULATOR SYSTEM

- GS MANIPULATORS
 - REMOTE MANIPULATOR SYSTEM**
 - PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
- RT **REMOTE MANIPULATOR SYSTEM**
 - MASS DRIVERS (PAYLOAD DELIVERY)
 - PAYLOAD RETRIEVAL (STS)
 - REMOTE CONTROL
 - SPACE MAINTENANCE
 - SPACE TRANSPORTATION SYSTEM
- ∞SYSTEMS

REMOTE REGIONS

- GS REGIONS
 - REMOTE REGIONS**
 - ANTARCTIC REGIONS
 - ARCTIC REGIONS
- RT DESERTS
 - MOJAVE DESERT (CA)
 - OFFSHORE REACTOR SITES
 - SAHARA DESERT (AFRICA)
 - WILDERNESS

REMOTE SENSING

- GS DETECTION
 - REMOTE SENSING**
- RT AEROMAGNETISM
 - BAND RATIOING
 - CHANGE DETECTION
 - CLUSTER ANALYSIS
 - DESERTIFICATION
 - DMSP SATELLITES
 - EARTH RESOURCES
 - FEATURE IDENTIFICATION AND LOCATION EXPR
 - GEOGRAPHIC INFORMATION SYSTEMS
 - IMAGE ANALYSIS
 - MAPSAT
 - MULTISENSOR APPLICATIONS
 - MULTISPECTRAL RESOURCE SAMPLER
 - PLANT STRESS
 - RECOGNITION
 - SHUTTLE IMAGING RADAR
 - SWATH WIDTH
 - VEGETATIVE INDEX

REMOTE SENSORS

- RT AGRISTARS PROJECT
- AIRBORNE LASERS
- AUTOMATIC WEATHER STATIONS
- CROP IDENTIFICATION
- CROP INVENTORIES

REMOTE SENSORS-(CONT)

- DATA ACQUISITION
- DATA COLLECTION PLATFORMS
- ∞DETECTORS
- EARTH RESOURCES
- EARTHNET
- EROS (SATELLITES)
- FEATURE IDENTIFICATION AND LOCATION EXPR
- GEOGRAPHIC APPLICATIONS PROGRAM
- HAZE DETECTION
- IMAGING RADAR
- MEASURING INSTRUMENTS
- MULTISENSOR APPLICATIONS
- OCEAN COLOR SCANNER
- ∞PROBES
- RADIOMETRIC RESOLUTION
- SATELLITE-BORNE INSTRUMENTS
- ∞SENSORS
- SPACEBORNE LASERS
- TRANSDUCERS
- WILDLIFE RADIOLOCATION

REMOTELY PILOTED VEHICLES

- UF RPV
- RT ∞AIRCRAFT
 - DAST PROGRAM
 - DRONE AIRCRAFT
 - HIGHLY MANEUVERABLE AIRCRAFT
 - JINDIVIK TARGET AIRCRAFT
 - OBLIQUE WINGS
 - ORBITAL MANEUVERING VEHICLES
 - PILOTLESS AIRCRAFT
 - TARGET DRONE AIRCRAFT
 - VATOL AIRCRAFT
- ∞VEHICLES

REMOVAL

- RT ANODIC STRIPPING
- CANCELLATION
- CARBON DIOXIDE REMOVAL
- CLEARING
- DELETION
- DEPLETION
- DISPOSAL
- DISSIPATION
- EJECTION
- EMPTYING
- EVACUATING (TRANSPORTATION)
- EVACUATING (VACUUM)
- EXHAUSTING
- EXPULSION
- EXTRACTION
- MATERIALS RECOVERY
- ∞REDUCTION
- REJECTION
- ∞SEPARATION
- UNLOADING
- WEAR

REMS

- USE RAPID EYE MOVEMENT STATE

RENAL CALCULI

- USE CALCULI

RENAL FUNCTION

- RT ∞FUNCTIONS
- KIDNEYS

RENDEZVOUS

- GS **RENDEZVOUS**
 - EARTH ORBITAL RENDEZVOUS
 - SPACE RENDEZVOUS
 - ORBITAL RENDEZVOUS
 - LUNAR ORBITAL RENDEZVOUS
- RT APOLLO SOYUZ TEST PROJECT
 - FLIGHT MECHANICS
 - INTERCEPTION
 - ORBITAL MECHANICS

RENDEZVOUS GUIDANCE

- GS GUIDANCE (MOTION)
 - RENDEZVOUS GUIDANCE**
- RT COMMAND GUIDANCE
 - HOMING DEVICES
 - INJECTION GUIDANCE
 - MIDCOURSE GUIDANCE
 - ORBITAL RENDEZVOUS
 - SATELLITE GUIDANCE
 - SPACECRAFT GUIDANCE
 - TERMINAL GUIDANCE

RENDEZVOUS SPACECRAFT

- GS MANEUVERABLE SPACECRAFT

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RENDEZVOUS SPACECRAFT-(CONT)

- RT **RENDEZVOUS SPACECRAFT**
 - COMMAND GUIDANCE
 - FERRY SPACECRAFT
 - INTERPLANETARY SPACECRAFT
 - LUNAR SPACECRAFT
 - MANNED SPACECRAFT
 - MILITARY SPACECRAFT
 - ORBITAL RENDEZVOUS
 - *RECOVERABLE SPACECRAFT
 - SATELLITES
 - SPACE CAPSULES
 - SPACE STATIONS
 - SPACECREW TRANSFER
 - UNMANNED SPACECRAFT

RENDEZVOUS TRAJECTORIES

- GS TRAJECTORIES
 - RENDEZVOUS TRAJECTORIES**
- RT ASCENT TRAJECTORIES
 - CIRCUMLUNAR TRAJECTORIES
 - EARTH ORBITAL RENDEZVOUS
 - EARTH-MOON TRAJECTORIES
 - FLIGHT MECHANICS
 - INTERPLANETARY TRAJECTORIES
 - ORBITAL MECHANICS
 - ORBITAL RENDEZVOUS
 - SPACE RENDEZVOUS
 - SPACECRAFT DOCKING
 - SPACECRAFT TRAJECTORIES

RENE 41

- GS ALLOYS
 - CHROMIUM ALLOYS
 - RENE 41**
 - COBALT ALLOYS
 - RENE 41**
 - HEAT RESISTANT ALLOYS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 41**
 - NICKEL ALLOYS
 - RENE 41**
 - REFRACTORY MATERIALS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 41**
- RT WROUGHT ALLOYS

RENE 63

- GS ALLOYS
 - CHROMIUM ALLOYS
 - RENE 63**
 - COBALT ALLOYS
 - RENE 63**
 - HEAT RESISTANT ALLOYS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 63**
 - NICKEL ALLOYS
 - RENE 63**
 - REFRACTORY MATERIALS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 63**
- RT WROUGHT ALLOYS

RENE 77

- GS ALLOYS
 - CHROMIUM ALLOYS
 - RENE 77**
 - COBALT ALLOYS
 - RENE 77**
 - HEAT RESISTANT ALLOYS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 77**
 - NICKEL ALLOYS
 - RENE 77**
 - REFRACTORY MATERIALS
 - REFRACTORY METAL ALLOYS
 - MOLYBDENUM ALLOYS
 - RENE 77**
- RT WROUGHT ALLOYS

RENE 95

- GS ALLOYS
 - CHROMIUM ALLOYS
 - RENE 95**
 - COBALT ALLOYS
 - RENE 95**
 - NICKEL ALLOYS
 - RENE 95**

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RESEARCH AIRCRAFT

REORIENTATION

USE RETRAINING

REPAIRING

USE MAINTENANCE

REPEATERS

UF INTERPOLATORS
GS TRANSMITTERS
REPEATERS
RT AMPLIFIERS
RADAR RECEIVERS
RECEIVERS
∞ RELAY
∞ TRANSLATORS

REPETITION

RT COUNTING
PATTERN RECOGNITION
REDUNDANCY ENCODING

REPLACING

RT DAMAGE ASSESSMENT
INSTALLING
MAINTENANCE
RELOCATION
REPLENISHMENT
SUBSTITUTES

REPLENISHMENT

RT FILLING
INPUT
∞ LOADING
REFILLING
REFUELING
REPLACING

REPLICAS

RT ELECTRON MICROSCOPES
METALLOGRAPHY
MODELS
REPRODUCTION (COPYING)

REPORT GENERATORS

RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
∞ GENERATORS
USER MANUALS (COMPUTER PROGRAMS)

REPORTS

GS REPORTS
CONGRESSIONAL REPORTS
POSTLAUNCH REPORTS
PRESIDENTIAL REPORTS
WAGE SURVEYS
RT AEROSPACE TECHNOLOGY TRANSFER
CONFERENCES
∞ DISCUSSION
DOCUMENTATION
DOCUMENTS
INFORMATION
INFORMATION DISSEMINATION
PAPERS
RECORDS
SUMMARIES
SUPPLEMENTS
TECHNOLOGY TRANSFER

REPRESENTATIONS

RT CHARACTERIZATION
DESCRIPTIONS
DRAWINGS
GRAPHS (CHARTS)
IMAGES
PHOTOGRAPHS
SIGNATURES

∞ REPRODUCTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT BIRTH
BREEDING (REPRODUCTION)
CELL DIVISION
FERTILITY
FERTILIZATION
GONADS
MITOSIS
OVARIES
POLLEN
RECORDS
REPRODUCTION (BIOLOGY)
REPRODUCTION (COPYING)

REPRODUCTION (CONT)

REPRODUCTIVE SYSTEMS
SEX GLANDS
SPERMATOZOA
SPORES
TESTES
UTERUS

REPRODUCTION (BIOLOGY)

RT ∞ BIOLOGY
BREEDING (REPRODUCTION)
EMBRYOLOGY
FERTILITY
FETUSES
PROGENY
∞ REPRODUCTION

REPRODUCTION (COPYING)

UF DUPLICATING
GS IMAGERY
REPRODUCTION (COPYING)
XEROGRAPHY
RT BLUEPRINTS
DOCUMENT STORAGE
DRAWINGS
ENGINEERING DRAWINGS
LITHOGRAPHY
MICROFILMS
PHOTOGRAPHIC PROCESSING
EQUIPMENT
PHOTOGRAPHY
PRINTING
REPLICAS
∞ REPRODUCTION
STENCIL PROCESSES

REPRODUCTIVE SYSTEMS

GS REPRODUCTIVE SYSTEMS
OVARIES
TESTES
UTERUS
RT BIRTH
CHROMOSOMES
FERTILITY
FETUSES
∞ REPRODUCTION
∞ SYSTEMS

REPTILES

GS ANIMALS
POIKILOthermia
REPTILES
LIZARDS
SNAKES
TURTLES
VERTEBRATES
REPTILES
LIZARDS
SNAKES
TURTLES

REPUBLIC AIRCRAFT

GS REPUBLIC AIRCRAFT
A-10 AIRCRAFT
F-84 AIRCRAFT
F-105 AIRCRAFT
RT ∞ AIRCRAFT

REPUBLIC MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

REPUBLIC OF CHINA

USE TAIWAN

REPUBLIC OF KOREA

USE SOUTH KOREA

REPUBLIC OF SOUTH AFRICA

UF SOUTH AFRICA
GS NATIONS
REPUBLIC OF SOUTH AFRICA
RT AFRICA
BOTSWANA
KALIHARI BASIN (AFRICA)
LESOTHO
NAMIBIA
SWAZILAND

REPUBLIC OF VIETNAM

USE VIETNAM

REPULSION

USE FORCE

REQUIREMENTS

RT SPECIFICATIONS
USER REQUIREMENTS

RESCUE OPERATIONS

RT AERONAUTICAL SATELLITES
COSPAS
MAROTS (ESA)
∞ OPERATIONS
SARSAT
SPACECRAFT RECOVERY

RESEARCH

GS RESEARCH
HIGH TEMPERATURE RESEARCH
LOW DENSITY RESEARCH
MARKET RESEARCH
MATHEMATICAL PROGRAMMING
DYNAMIC PROGRAMMING
LINEAR PROGRAMMING
NONLINEAR PROGRAMMING
QUADRATIC PROGRAMMING
NUCLEAR RESEARCH
RT CRITICAL PATH METHOD
∞ DESIGN
ETHICS
EXPLORATION
INTERSERVICE DATA EXCHANGE
PROGRAM
INVESTIGATION
MINIMAX TECHNIQUE
∞ RESEARCH PROJECTS

RESEARCH AIRCRAFT

UF ORNITHOPTER AIRCRAFT
GS RESEARCH AIRCRAFT
AVIAN 2/180 AUTOGIRO
AVRO 707 AIRCRAFT
B-70 AIRCRAFT
BREGUET 940 AIRCRAFT
C-8A AUGMENTOR WING AIRCRAFT
D-558 AIRCRAFT
FD 2 AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
H-17 HELICOPTER
H-126 AIRCRAFT
HP-115 AIRCRAFT
NORD 1500 AIRCRAFT
P-1052 AIRCRAFT
QUESTOL
ROTOR SYSTEMS RESEARCH
AIRCRAFT
SC-1 AIRCRAFT
U-2 AIRCRAFT
VZ-2 AIRCRAFT
VZ-8 AIRCRAFT
X-1 AIRCRAFT
X-2 AIRCRAFT
X-3 AIRCRAFT
X-5 AIRCRAFT
X-13 AIRCRAFT
X-14 AIRCRAFT
X-15 AIRCRAFT
X-19 AIRCRAFT
X-20 AIRCRAFT
X-21 AIRCRAFT
X-21A AIRCRAFT
X-22 AIRCRAFT
X-22A AIRCRAFT
X-24 AIRCRAFT
XH-51 HELICOPTER
XV-4 AIRCRAFT
XV-5 AIRCRAFT
XV-8A AIRCRAFT
XV-9A AIRCRAFT
XV-11A AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASTROPLANE
DRONE AIRCRAFT
FAN IN WING AIRCRAFT
FLIGHT TEST VEHICLES
FLYING PLATFORMS
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT
MACHINES
HYPERSONIC AIRCRAFT
JET AIRCRAFT
METEOROLOGICAL RESEARCH
AIRCRAFT
∞ MILITARY AIRCRAFT
NUCLEAR PROPELLED AIRCRAFT
ROCKET PLANES
SUBMERSIBLE AIRCRAFT
SUPERSONIC AIRCRAFT

RESEARCH AND DEVELOPMENT

RESEARCH AIRCRAFT-(CONT)

TAILLESS AIRCRAFT
TANDEM WING AIRCRAFT
TEST VEHICLES
TILT WING AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
∞ WINGED VEHICLES
YF-12 AIRCRAFT

RESEARCH AND DEVELOPMENT

RT ∞ DESIGN
INVESTIGATION
MANAGEMENT PLANNING
OPERATIONS RESEARCH
OUTER SPACE TREATY
PROGRAMS
PROJECT MANAGEMENT
∞ RESEARCH PROJECTS
SYSTEMS ENGINEERING
TECHNOLOGY UTILIZATION
WEAPONS DEVELOPMENT

RESEARCH FACILITIES

RT ∞ FACILITIES
LABORATORIES
∞ RESEARCH PROJECTS
SPACE INDUSTRIALIZATION
SPACE LABORATORIES
TEST FACILITIES

RESEARCH MANAGEMENT

GS MANAGEMENT
RT **RESEARCH MANAGEMENT**
ALLOCATIONS
BLOCK DIAGRAMS
∞ BUDGETS
ENGINEERING MANAGEMENT
FEASIBILITY ANALYSIS
GOALS
INDUSTRIAL MANAGEMENT
MANPOWER
OPERATIONS RESEARCH
PERSONNEL
PRIORITIES

∞ RESEARCH PROJECTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CHINESE SPACE PROGRAM
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
FRENCH SPACE PROGRAMS
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MANAGEMENT
NASA PROGRAMS
PROGRAMS
PROJECT MANAGEMENT
PROJECTS
RESEARCH
RESEARCH AND DEVELOPMENT
RESEARCH FACILITIES
SPACE PROGRAMS
SPHINX

RESEARCH VEHICLES

SN (VEHICLES DESIGNED TO BE SUBJECTS OF RESEARCH - - NOT RESEARCH EQUIPMENT CONTAINERS)
GS **RESEARCH VEHICLES**
AUTOMATED MIXED TRAFFIC
VEHICLES
UNDERWATER RESEARCH
LABORATORIES
RT BOATS
ELECTRIC MOTOR VEHICLES
∞ FLIGHT VEHICLES
LUNAR ROVING VEHICLES
∞ MILITARY VEHICLES
ROVING VEHICLES
SHIPS
SPACE LABORATORIES
∞ SPACECRAFT
SURFACE EFFECT SHIPS
UNDERWATER VEHICLES
∞ VEHICLES
WATER VEHICLES

RESERPINE

GS DRUGS
PENTOBARBITAL SODIUM
RESERPINE
HETEROCYCLIC COMPOUNDS

RESERPINE-(CONT)

ALKALOIDS
RESERPINE
NITROGEN COMPOUNDS
ALKALOIDS
RESERPINE
RT ANTIHYPERTENSIVE AGENTS

RESERVES

RT ABUNDANCE
AVAILABILITY
BACKUPS
CONTINGENCY
CRUDE OIL
ECONOMIC FACTORS
ENERGY POLICY
ESTIMATES
ESTIMATING
EVALUATION
EXPLOITATION
EXPLORATION
FORECASTING
INVENTORIES
INVENTORY CONTROLS
∞ MATERIALS
MINERAL DEPOSITS
MINES (EXCAVATIONS)
∞ PRODUCTION
RESOURCES
STOCKPILING
∞ STORAGE

RESERVOIRS

SN (FOR SURFACE WATER STORAGE--NOT OIL OR GAS POOLS)
RT DAMS
EVAPORATION
FRESH WATER
LAGOONS
LAKE TEXOMA (OK-TX)
LAKES
PONDS
RIVERS
SOLAR PONDS (HEAT STORAGE)
STREAMS
WATER RESOURCES
WINDPOWERED PUMPS

RESIDENTIAL AREAS

RT CITIES
INHABITANTS
LAND
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT

RESIDENTIAL ENERGY

RT ENERGY CONSERVATION
ENERGY TECHNOLOGY
HEAT PUMPS
SOLAR COOLING
SOLAR HEATING
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
WATER HEATING

RESIDUAL GAS

GS GASES
RESIDUAL GAS
RT GETTERS
HIGH VACUUM
OUTGASSING
PARTIAL PRESSURE
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TUBES

RESIDUAL STRENGTH

RT CRACK PROPAGATION
FATIGUE (MATERIALS)
FRACTURE MECHANICS
FRACTURE STRENGTH
RESIDUAL STRESS
∞ STRENGTH
TENSILE STRENGTH

RESIDUAL STRESS

UF INTERNAL STRESS
GS STRESSES
RESIDUAL STRESS
RT CREEP PROPERTIES

NASA THESAURUS (VOLUME 1)

RESIDUAL STRESS-(CONT)

MACHINING
RELAXATION (MECHANICS)
RESIDUAL STRENGTH
STRAIN HARDENING
STRESS RELAXATION
STRESS RELIEVING
STRESS-STRAIN RELATIONSHIPS
TEMPERATURE INVERSIONS

RESIDUES

RT ASHES
ORGANIC WASTES (FUEL CONVERSION)
REACTION PRODUCTS
SOLID WASTES
WASTE TREATMENT
WASTE WATER
WASTES

RESILIENCE

GS MECHANICAL PROPERTIES
RESILIENCE
RT COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
SHEAR PROPERTIES
SPRINGS (ELASTIC)
TENSILE STRENGTH

RESIN BONDING

GS BONDING
RESIN BONDING
RT ADHESIVE BONDING
METAL BONDING
METAL-METAL BONDING

RESIN MATRIX COMPOSITES

GS COMPOSITE MATERIALS
RESIN MATRIX COMPOSITES
GRAPHITE-EPOXY COMPOSITES
RT EPOXY RESINS
MATRIX MATERIALS
METAL MATRIX COMPOSITES
POLYIMIDE RESINS
POLYMER MATRIX COMPOSITES
PREPREGS
PULTRUSION
RESINS

RESINS

GS **RESINS**
ACRYLIC RESINS
ALKYD RESINS
ION EXCHANGE RESINS
POLYIMIDE RESINS
POLYURETHANE RESINS
SILICONE RESINS
SYNTHETIC RESINS
ADDITION RESINS
VINYL COPOLYMERS
POLYESTER RESINS
POLYETHER RESINS
POLYMETHYL METHACRYLATE
THERMOPLASTIC RESINS
QUINOXALINES
THERMOPLASTIC FILMS
THERMOSETTING RESINS
EPOXY RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
PHENOLIC RESINS
MICARTA
PHENOLIC EPOXY RESINS
RT ACRYLATES
BAKELITE (TRADEMARK)
DELRI (TRADEMARK)
FILLERS
LEXAN (TRADEMARK)
MELAMINE
PARAPLASTS
∞ PATTERNS
PHENOL FORMALDEHYDE
PHILOGLUCINOL
PLASTISOLS
RESIN MATRIX COMPOSITES
TEFLON (TRADEMARK)

∞ RESISTANCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF CONDUCTANCE
RESISTANCE COEFFICIENTS
RT ABRASION RESISTANCE
ACCELERATION TOLERANCE

RESISTANCE-(CONT)

ACOUSTIC PROPERTIES
AERODYNAMIC DRAG
CHEMICAL PROPERTIES
CONSTRICTIONS
CONTACT RESISTANCE
CORROSION RESISTANCE
CRACK PROPAGATION
CREEP STRENGTH
DAMPING
DIFFUSIVITY
DURABILITY
EARTHQUAKE RESISTANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTANCE
ELECTRICAL RESISTIVITY
FLAMMABILITY
FLOW RESISTANCE
FRACTURE STRENGTH
FUSIBILITY
∞ HIGH RESISTANCE
IMMUNITY
IMPACT RESISTANCE
IMPACT STRENGTH
IMPEDANCE
KAPITZA RESISTANCE
LIFE (DURABILITY)
∞ LOW RESISTANCE
MAGNETORESISTIVITY
MOISTURE RESISTANCE
NEGATIVE RESISTANCE CIRCUITS
NEGATIVE RESISTANCE DEVICES
OXIDATION RESISTANCE
PERMEABILITY
PREVENTION
PROTECTION
QUALITY
RADIATION TOLERANCE
RESISTANCE THERMOMETERS
RETARDING
SENSITIVITY
SHOCK RESISTANCE
SKIN RESISTANCE
STABILITY
THERMAL RESISTANCE
TOLERANCES (PHYSIOLOGY)
VULNERABILITY
WAVE RESISTANCE

RESISTANCE COEFFICIENTS

USE RESISTANCE

RESISTANCE HEATING

UF JOULE HEATING
GS HEATING
RT RESISTANCE HEATING
ARC HEATING
ELECTROSLAG REFINING
GAS HEATING
LEVITATION MELTING

RESISTANCE THERMOMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
THERMOMETERS
RESISTANCE THERMOMETERS
RT BOLOMETERS
OHMMETERS
∞ RESISTANCE
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RESISTIVITY

USE ELECTRICAL RESISTIVITY

RESISTOJET ENGINES

UF RESISTOJETS
GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
RESISTOJET ENGINES
RT ARC JET ENGINES
PLASMA ENGINES
PULSED JET ENGINES

RESISTOJETS

USE RESISTOJET ENGINES

RESISTORS

UF TUNNEL RESISTORS
GS ATTENUATORS
RESISTORS
POTENTIOMETERS (RESISTORS)

RESISTORS-(CONT)

PRINTED RESISTORS
THERMISTORS
RT BALLASTS (IMPEDANCES)
ELECTRIC CONDUCTORS
ELECTRIC FILTERS
ELECTRIC REACTORS
∞ FILAMENTS
PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
SOLID STATE DEVICES
VARISTORS

RESOLUTION

UF RESOLVING POWER
GS RESOLUTION
ANGULAR RESOLUTION
HIGH RESOLUTION
IMAGE RESOLUTION
RADAR RESOLUTION
RADIOMETRIC RESOLUTION
SPATIAL RESOLUTION
SPECTRAL RESOLUTION
TEMPORAL RESOLUTION
RT ACCURACY
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
BLURRING
CHARACTER RECOGNITION
CONTRAST
∞ DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
FOCI
HIGH RESOLUTION COVERAGE
ANTENNAS
IMAGE CONTRAST
IMAGE ENHANCEMENT
LEGIBILITY
LOCI
∞ OPTICS
PERCEPTION
∞ POWER
PRECISION
RESOLUTION CELL
SENSITIVITY
SPATIAL FILTERING
STARK EFFECT
∞ THRESHOLDS
TOLERANCES (MECHANICS)
VISIBILITY
VISION

RESOLUTION CELL

RT ∞ CELLS
IMAGING TECHNIQUES
RADAR DETECTION
RADAR IMAGERY
RESOLUTION

RESOLVERS

RT ANALOG COMPUTERS
INSTRUMENT TRANSFORMERS
TRANSFORMERS

RESOLVING POWER

USE RESOLUTION

RESONANCE

GS RESONANCE
BARYON RESONANCE
CYCLOTRON RESONANCE
MAGNETIC RESONANCE
FERROMAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE
PROTON RESONANCE
PARAMAGNETIC RESONANCE
ELECTRON PARAMAGNETIC
RESONANCE
MAGNETOSONIC RESONANCE
MESON RESONANCE
X MESONS
MICROWAVE RESONANCE
NUCLEAR QUADRUPOLE RESONANCE
OPTICAL RESONANCE
PLASMA RESONANCE
RESONANT VIBRATION
SPIN RESONANCE
RT FOSTER THEORY
OSCILLATIONS
OVERHAUSER EFFECT
RESONANT FREQUENCIES
SYNTONY
TUNING

RESONANCE-(CONT)

VIBRATION

RESONANCE CHARGE EXCHANGE

GS EXCHANGING
CHARGE EXCHANGE
RESONANCE CHARGE EXCHANGE
RT SPIN EXCHANGE

RESONANCE FLUORESCENCE

UF RESONANCE RADIATION
GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
FLUORESCENCE
RESONANCE FLUORESCENCE
RT ATOMIC EXCITATIONS
ATOMIC PHYSICS
QUANTUM ELECTRODYNAMICS
∞ RADIATION

RESONANCE LINES

UF DIELECTRONIC SATELLITE LINES
RT LINE SPECTRA
OPTICAL RESONANCE
PLASMA RESONANCE

RESONANCE PROBES

GS MEASURING INSTRUMENTS
RESONANCE PROBES
CYCLOTRON RESONANCE DEVICES
RT IMPEDANCE PROBES
MAGNETIC PROBES
MICROWAVE PLASMA PROBES
PLASMA DIAGNOSTICS
PLASMA RESONANCE
TUNERS

RESONANCE RADIATION

USE RESONANCE FLUORESCENCE

RESONANCE SCATTERING

SN (INTERACTION WITH THE INTERIOR OF
THE NUCLEUS-EXCLUDES POTENTIAL
SCATTERING)
GS NUCLEAR REACTIONS
NUCLEAR SCATTERING
RESONANCE SCATTERING
SCATTERING
NUCLEAR SCATTERING
RESONANCE SCATTERING
RT INVERSE SCATTERING
MOSSBAUER EFFECT
NEUTRON SCATTERING

RESONANCE TESTING

RT DAMPING TESTS
ELASTIC DAMPING
ELECTRONIC EQUIPMENT TESTS
FATIGUE TESTS
RESONANT FREQUENCIES
STABILITY TESTS
STATIC TESTS
STRUCTURAL STABILITY
∞ TESTS
VIBRATION TESTS
VISCOUS DAMPING

RESONANT CAVITIES

USE CAVITY RESONATORS

RESONANT FREQUENCIES

UF NATURAL FREQUENCIES
GS FREQUENCIES
RESONANT FREQUENCIES
RT ANTINODES
BANDWIDTH
BEAT FREQUENCIES
BORDONI PEAKS
CAVITY RESONATORS
CRITICAL FREQUENCIES
CRITICAL VELOCITY
DAMPING
DYNAMIC CHARACTERISTICS
∞ DYNAMICS
ELECTROMAGNETIC ABSORPTION
HARMONICS
IMPEDANCE
MOSSBAUER EFFECT
NODES (STANDING WAVES)
OSCILLATORS
RESONANCE
RESONANCE TESTING

RESONANT VIBRATION

RESONANT FREQUENCIES-(CONT)

RESONATORS
STANDING WAVES
TRANSIENT RESPONSE
TUNERS
TUNING

RESONANT VIBRATION

UF MECHANICAL RESONANCE
GS RESONANCE
RESONANT VIBRATION
VIBRATION
RT RESONANT VIBRATION
DAMPING
DYNAMIC STABILITY
∞ DYNAMICS
FLAPPING
FLUTTER
MECHANICAL OSCILLATORS
OSCILLATIONS
Q FACTORS
STABLE OSCILLATIONS
STRUCTURAL VIBRATION
UNDAMPED OSCILLATIONS

RESONATORS

GS RESONATORS
CAVITY RESONATORS
HELMHOLTZ RESONATORS
MULTIMODE RESONATORS
OPTICAL RESONATORS
RT DELTA ANTENNAS
ELECTRON TUBES
FREQUENCY STANDARDS
GRAZING FLOW
MAGNETRONS
MASERS
OSCILLATORS
RESONANT FREQUENCIES
SELF EXCITATION
TUNING
TUNING FORK GYROSCOPES

RESOURCE ALLOCATION

GS ALLOCATIONS
RESOURCE ALLOCATION
RT DISTRIBUTING
ENERGY CONSERVATION
ENERGY POLICY
ENGINEERING MANAGEMENT
LOGISTICS
NASA INTERACTIVE PLANNING SYSTEM
OUTER SPACE TREATY
PRIORITIES
PRODUCTS
RESOURCES

RESOURCES

GS RESOURCES
AQUIFERS
EARTH RESOURCES
FORESTS
RAIN FORESTS
FOSSIL FUELS
COAL
LIGNITE
SOLVENT REFINED COAL
CRUDE OIL
GLACIERS
ICEBERGS
LAND ICE
MARINE RESOURCES
OIL FIELDS
RANGE RESOURCES
SPRINGS (WATER)
TAR SANDS
THERMAL RESOURCES
GEOTHERMAL RESOURCES
GEYSERS
UNDERWATER RESOURCES
WATER RESOURCES
EXTRATERRESTRIAL RESOURCES
RT ABUNDANCE
AVAILABILITY
CONSULTING
DEPLETION
ECONOMIC DEVELOPMENT
ECONOMIC FACTORS
ECONOMIC IMPACT
ECONOMICS
ENERGY CONSERVATION
ENERGY POLICY
ENGINEERING MANAGEMENT
GEOTHERMAL TECHNOLOGY
GREAT LAKES (NORTH AMERICA)

RESOURCES-(CONT)

INVENTORY MANAGEMENT
LOGISTICS
LOGISTICS MANAGEMENT
MAN ENVIRONMENT INTERACTIONS
MANPOWER
∞ MATERIALS
MISSISSIPPI RIVER (US)
PERSONNEL
PERSONNEL DEVELOPMENT
PRODUCTION MANAGEMENT
RECYCLING
RESERVES
RESOURCE ALLOCATION
SITE SELECTION
URBAN DEVELOPMENT
VEGETATION

RESOURCES MANAGEMENT

GS MANAGEMENT
RESOURCES MANAGEMENT
FOREST MANAGEMENT
REFORESTATION
LAND MANAGEMENT
RT EARTH RESOURCES
ENVIRONMENT MANAGEMENT
ENVIRONMENTAL CONTROL
LEASING
NASA INTERACTIVE PLANNING SYSTEM
THERMAL RESOURCES
WATER RUNOFF

RESPIRATION

UF APNEA
INHALATION
GS RESPIRATION
HIGH ALTITUDE BREATHING
LIQUID BREATHING
PRESSURE BREATHING
RT ALVEOLI
ASPHYXIA
∞ BREATHING
EXPIRATION
EXPIRED AIR
HYDROGEN METABOLISM
METABOLISM
OXYGEN METABOLISM
PHOTOSYNTHESIS
RESPIRATORS
RESPIRATORY SYSTEM
RESUSCITATION
SINUSES
VALSALVA EXERCISE

RESPIRATORS

GS MEDICAL EQUIPMENT
RESPIRATORS
RT BREATHING APPARATUS
EMERGENCY BREATHING TECHNIQUES
RESPIRATION
RESUSCITATION
THERAPY

RESPIRATORY DISEASES

GS DISEASES
RESPIRATORY DISEASES
AEROSINUSITIS
ASTHMA
EMPHYSEMA
INFLUENZA
PNEUMONIA
TUBERCULOSIS
RT BERYLLIUM POISONING
CONGESTION
LUNG MORPHOLOGY
PULMONARY LESIONS

RESPIRATORY IMPEDANCE

GS IMPEDANCE
RESPIRATORY IMPEDANCE

RESPIRATORY PHYSIOLOGY

GS PHYSIOLOGY
RESPIRATORY PHYSIOLOGY
RT EXERCISE PHYSIOLOGY
∞ SCIENCE

RESPIRATORY RATE

GS RATES (PER TIME)
RESPIRATORY RATE
DYSPPNEA
HYPOVENTILATION
TACHYPNEA
RT HYPERCAPNIA
HYPERPNEA

NASA THESAURUS (VOLUME 1)

RESPIRATORY RATE-(CONT)

SPIROMETERS

RESPIRATORY REFLEXES

GS REFLEXES
RESPIRATORY REFLEXES
COUGH
HERING-BREVER REFLEX
SNEEZING
RT ∞ BREATHING

RESPIRATORY SYSTEM

GS ANATOMY
RESPIRATORY SYSTEM
BRONCHI
BRONCHIAL TUBE
PHARYNX
TRACHEA
DIAPHRAGM (ANATOMY)
LUNGS
NOSE (ANATOMY)
RT ALVEOLI
EVAPORATION
HOMEOSTASIS
HYPERCAPNIA
PULMONARY CIRCULATION
RESPIRATION
∞ SYSTEMS

RESPIROMETERS

GS MEASURING INSTRUMENTS
RESPIROMETERS
RT BIOINSTRUMENTATION
EXHALATION

RESPONDERS

USE TRANSPONDERS

RESPONSE BIAS

GS BIAS
RESPONSE BIAS
RT DYNAMIC RESPONSE
ERRORS
∞ TIME RESPONSE
TRANSIENT RESPONSE

RESPONSE TIME (COMPUTERS)

GS TIME
RESPONSE TIME (COMPUTERS)
RT COMPUTER PROGRAMMING
COMPUTER SYSTEMS PERFORMANCE
DATA PROCESSING

RESPONSES

GS RESPONSES
DYNAMIC RESPONSE
TRANSIENT RESPONSE
GALVANIC SKIN RESPONSE
MODAL RESPONSE
PHYSIOLOGICAL RESPONSES
HEMODYNAMIC RESPONSES
RT CHRONAXY
∞ FREQUENCY RESPONSE
LEARNING
REFRACTORY PERIOD
∞ THRESHOLDS
TIME LAG
∞ TIME RESPONSE

REST

GS REST
BED REST
RT PRONE POSITION
RECREATION
SITTING POSITION
SLEEP
SUPINE POSITION

RESTARTABLE ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
RESTARTABLE ROCKET ENGINES
RT DUCTED ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
HYBRID PROPELLANT ROCKET ENGINES
ION ENGINES
LIQUID PROPELLANT ROCKET ENGINES
NUCLEAR ROCKET ENGINES
RETROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SUSTAINER ROCKET ENGINES
TURBOCKET ENGINES

RESTARTABLE ROCKET ENGINES-(CONT)
VERNIER ENGINES**RESTORATION**RT ADDITION
RECONSTRUCTION**RESTRAINTS**

USE CONSTRAINTS

RESTRICTIONS

USE CONSTRICTIONS

RESULTSANTS

RT VECTOR ANALYSIS

RESUSCITATIONUF ARTIFICIAL RESPIRATION
RT EMERGENCY BREATHING TECHNIQUES
FIRST AID
LIQUID BREATHING
RESPIRATION
RESPIRATORS**RETAINING**RT ASTEROID CAPTURE
CONSTRAINTS
CONTAINMENT
∞ HOLDING
∞ JOINING
LOCKING
∞ RETENTION
SEALING
∞ STORAGE**RETARDANTS**GS **RETARDANTS**
FLAME RETARDANTS
RT ACCELERATING AGENTS
ADDITIVES
ANTIICING ADDITIVES
ANTIKNOCK ADDITIVES
ANTIOXIDANTS
CATALYSTS
EXPLOSION SUPPRESSION
INHIBITORS
NEUTRALIZERS
PENETRANTS
PRESERVATIVES
∞ RETARDERS
RETARDING
STABILIZERS (AGENTS)
SUPPRESSORS
SURFACTANTS
WEAR INHIBITORS∞ **RETARDERS**SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT RETARDANTS
RETARDERS (DEVICES)**RETARDERS (DEVICES)**RT BLOCKING
BRAKES (FOR ARRESTING MOTION)
BRAKING
CONSTRICTIONS
∞ RETARDERS
RETARDING**RETARDING**UF SUPPRESSION
RT ATTENUATION
BLOCKING
BRAKING
DAMPING
DECELERATION
FOULING
HYSTERESIS
PREVENTION
∞ REDUCTION
∞ RESISTANCE
RETARDANTS
RETARDERS (DEVICES)
STOPPING**RETARDING ION MASS SPECTROMETERS**
USE MASS SPECTROMETERS∞ **RETENTION**SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)***RETENTION-(CONT)**RT RETAINING
RETENTION (PSYCHOLOGY)**RETENTION (PSYCHOLOGY)**RT LEARNING
MEMORY
∞ RETENTION**RETICLES**GS **RETICLES**
WIRE GRID LENSES
RT CONTACT LENSES
EYEPieces
∞ GRIDS
LENSES
OPTICAL EQUIPMENT
SCALE (RATIO)**RETICULOCYTES**GS ANATOMY
CARDIOVASCULAR SYSTEM
ERYTHROCYTES
RETICULOCYTES
BODY FLUIDS
BLOOD
ERYTHROCYTES
RETICULOCYTES
CELLS (BIOLOGY)
ERYTHROCYTES
RETICULOCYTES
RT HEMATOLOGY
HEMOGLOBIN
HEMOLYSIS
HEMORRHAGES**RETINA**GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
RETINA
FOVEA
RT ELECTRORETINOGRAPHY
PHOSPHENE
PHOTORECEPTORS
VISION
VISUAL FIELDS**RETINAL ADAPTATION**GS ADAPTATION
RETINAL ADAPTATION
DARK ADAPTATION
LIGHT ADAPTATION
RT PERCEPTION
VISIBILITY
VISION**RETINAL IMAGES**GS IMAGES
RETINAL IMAGES
RT VISION
VISUAL FIELDS**RETINENE**UF VITAMIN A
GS HETEROCYCLIC COMPOUNDS
RETINENE
VITAMINS
RETINENE
RT ALDEHYDES
CAROTENE**RETIREMENT**RT EMPLOYEE RELATIONS
INDUSTRIES
PERSONNEL
SOCIOLOGY**RETIREMENT FOR CAUSE**RT COMPONENT RELIABILITY
ENGINE PARTS
FATIGUE LIFE
FRACTURE STRENGTH
INVENTORY MANAGEMENT
LIFE (DURABILITY)
METAL FATIGUE
SERVICE LIFE
SPARE PARTS**RETORC (TORPEDOES)**

USE TORPEDOES

RETORT PROCESSING

RT FRACTIONATION

RETORT PROCESSING-(CONT)HYDROCARBON FUELS
OILS
∞ PROCESSING
SHALE OIL**RETRACTABLE EQUIPMENT**UF RETRACTABLE LANDING GEAR
RT AERODYNAMIC BRAKES
LANDING GEAR
REFUELING**RETRACTABLE LANDING GEAR**USE LANDING GEAR
RETRACTABLE EQUIPMENT**RETRAINING**UF REORIENTATION
RT ADAPTATION
EDUCATION
MANAGEMENT METHODS
MANPOWER
PERSONNEL
TASKS
TRAINING ANALYSIS**RETRIEVAL**GS **RETRIEVAL**
DATA RETRIEVAL
INFORMATION RETRIEVAL
PAYLOAD RETRIEVAL (STS)
RT ∞ RECOVERY
SEARCHING**RETROACTION**

USE RETROTHRUST

RETROFIRINGGS FIRING (IGNITING)
ROCKET FIRING
RETROFIRING
RT DECELERATION
RETROCKET ENGINES
RETROTHRUST**RETROFITTING**GS **RETROFITTING**
ACOUSTIC RETROFITTING
RT INSTALLING**RETROREFLECTION**GS **REFLECTION**
RETROREFLECTION
RT ANTENNA ARRAYS
INCIDENT RADIATION
LAGEOS (SATELLITE)
LUNAR RETROREFLECTORS
REFLECTED WAVES
RETROREFLECTORS**RETROREFLECTORS**GS RADAR EQUIPMENT
RETROREFLECTORS
REFLECTORS
RETROREFLECTORS
RT RADAR CORNER REFLECTORS
RETROREFLECTION**RETROROCKET ENGINES**GS ENGINES
ROCKET ENGINES
RETROROCKET ENGINES
BE-3 ENGINE
RT CONTROL ROCKETS
INTERNAL COMBUSTION ENGINES
LIQUID PROPELLANT ROCKET ENGINES
MAN OPERATED PROPULSION SYSTEMS
RESTARTABLE ROCKET ENGINES
RETROFIRING
RETROTHRUST
SOLID PROPELLANT ROCKET ENGINES**RETROTHRUST**UF RETROACTION
GS THRUST
ROCKET THRUST
RETROTHRUST
RT DECELERATION
RETROFIRING
RETROROCKET ENGINES**RETURN BEAM VIDICONS**GS ELECTRON TUBES
CAMERA TUBES

RETURN TO EARTH SPACE FLIGHT

RETURN BEAM VIDICONS-(CONT)

VIDICONS
RETURN BEAM VIDICONS
THERMICON
RT TELEVISION CAMERAS

RETURN TO EARTH SPACE FLIGHT

GS SPACE FLIGHT
RETURN TO EARTH SPACE FLIGHT
RT INTERPLANETARY FLIGHT
SPACECRAFT REENTRY

REUSABLE HEAT SHIELDING

GS SHIELDING
HEAT SHIELDING
REUSABLE HEAT SHIELDING
RT COOLING
HEAT TRANSFER
REENTRY SHIELDING
SPACECRAFT SHIELDING
TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THERMAL PROTECTION

REUSABLE LAUNCH VEHICLES

GS LAUNCH VEHICLES
REUSABLE LAUNCH VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
RT AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
RECOVERABLE LAUNCH VEHICLES
ROCKET ENGINES
SPACECRAFT LAUNCHING
SPACECRAFT RECOVERY
∞ VEHICLES

REUSABLE ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
REUSABLE ROCKET ENGINES

REUSABLE SPACECRAFT

GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
ASTROPLANE
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
HERMES MANNED SPACEPLANE
MARS (MANNED REUSABLE SPACECRAFT)
RT EXPENDABLE STAGES (SPACECRAFT)
FERRY SPACECRAFT
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
MANNED SPACECRAFT
SOFT LANDING SPACECRAFT
SPACE SHUTTLE BOOSTERS
SPACE SHUTTLE ORBITERS
UNMANNED SPACECRAFT

REUSE

GS UTILIZATION
REUSE
RT OIL RECOVERY
∞ RECOVERY

REVENUE

RT ALLOCATIONS
ASSESSMENTS
BUDGETING
COSTS
INTERNATIONAL TRADE

REVERBERATION

GS ACOUSTIC PROPERTIES
ACOUSTIC SCATTERING
REVERBERATION
SCATTERING
WAVE SCATTERING
ACOUSTIC SCATTERING
REVERBERATION
RT ECHOES
NOISE (SOUND)
SOUND WAVES

REVERSE FIELD PINCH

GS PINCH EFFECT

REVERSE FIELD PINCH-(CONT)

REVERSE FIELD PINCH
RT MAGNETOHYDRODYNAMIC FLOW
PLASMA CONTROL
REACTOR TECHNOLOGY
SCREW PINCH
TOROIDAL PLASMAS

REVERSE OSMOSIS

GS OSMOSIS
REVERSE OSMOSIS
RT DEMINERALIZING
DESALINIZATION
MEMBRANES
PERMEATING

REVERSE TIME

USE REACTION TIME

REVERSED FLOW

GS FLUID FLOW
REVERSED FLOW
RT BOUNDARY LAYER SEPARATION
RECIRCULATIVE FLUID FLOW
REVERSING
SEPARATED FLOW

REVERSING

RT ∞ DIRECTION
REVERSED FLOW

REVIEWING

RT ∞ DISCUSSION
EVALUATION
EXAMINATION
TRAINING EVALUATION

REVISIONS

UF ALTERATION
MODIFICATION
RT ADJUSTING
CONTRACTS
CORRECTION
EXTENSIONS
VARIATIONS

REVOLUTION (MOTION)

USE REVOLVING

REVOLVING

UF REVOLUTION (MOTION)
GS GYRATION
REVOLVING
RT ANGULAR VELOCITY
CENTRIPETAL FORCE
ROTATION

REWARD (PSYCHOLOGY)

GS REINFORCEMENT (PSYCHOLOGY)
REWARD (PSYCHOLOGY)
RT COMFORT
HUMAN REACTIONS
PSYCHOLOGICAL FACTORS

REYNOLDS EQUATION

UF REYNOLDS LAW
GS EQUATIONS OF MOTION
REYNOLDS EQUATION
RT AERODYNAMIC CONFIGURATIONS
∞ EQUATIONS
NAVIER-STOKES EQUATION
SCALE MODELS

REYNOLDS LAW

USE REYNOLDS EQUATION

REYNOLDS NUMBER

UF CRITICAL REYNOLDS NUMBER
GS RATIOS
DIMENSIONLESS NUMBERS
REYNOLDS NUMBER
HIGH REYNOLDS NUMBER
LOW REYNOLDS NUMBER
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER STABILITY
BOUNDARY LAYER TRANSITION
FLUID FLOW
FROUDE NUMBER
GRASHOF NUMBER
INVISCID FLOW
LAMINAR FLOW
PECLET NUMBER
PRANDTL NUMBER
RICHARDSON NUMBER
SCALE EFFECT

NASA THESAURUS (VOLUME 1)

REYNOLDS NUMBER-(CONT)

TRANSITION POINTS
TURBULENT FLOW
VISCOUS FLOW

REYNOLDS STRESS

GS STRESSES
REYNOLDS STRESS
RT INCOMPRESSIBLE FLOW
NAVIER-STOKES EQUATION
TURBULENT BOUNDARY LAYER
TURBULENT FLOW

RF-4 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
MCDONNELL AIRCRAFT
RF-4 AIRCRAFT
MONOPLANES
RF-4 AIRCRAFT
OBSERVATION AIRCRAFT
RF-4 AIRCRAFT
SUPERSONIC AIRCRAFT
RF-4 AIRCRAFT
RT ∞ AIRCRAFT
F-4 AIRCRAFT

RF-8 AIRCRAFT

USE F-8 AIRCRAFT

RH-2 HELICOPTER

USE UH-1 HELICOPTER

RHEA (ASTRONOMY)

GS CELESTIAL BODIES
NATURAL SATELLITES
RHEA (ASTRONOMY)
SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
RHEA (ASTRONOMY)
RT SATURN (PLANET)
SOLAR SYSTEM

RHENIUM

GS METALS
TRANSITION METALS
REFRACTORY METALS
RHENIUM
RHENIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
RHENIUM
RHENIUM ISOTOPES

RHENIUM ALLOYS

GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS
RHENIUM ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
RHENIUM ALLOYS

RHENIUM COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 7B COMPOUNDS
∞ METAL COMPOUNDS

RHENIUM ISOTOPES

GS METALS
TRANSITION METALS
REFRACTORY METALS
RHENIUM
RHENIUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
RHENIUM
RHENIUM ISOTOPES

RHEOCASTING

GS FORMING TECHNIQUES
CASTING
RHEOCASTING
RT ALLOYS
CAST ALLOYS
DIES
FORGING
SLURRIES
SOLIDIFICATION

RHEOELECTRICAL SIMULATION

GS SIMULATION
RHEOELECTRICAL SIMULATION
RT ANALOG CIRCUITS

RHEOELECTRICAL SIMULATION-(CONT)

ANALOG SIMULATION
BIONICS
FLOW DISTRIBUTION

RHEOENCEPHALOGRAPHY

RT BLOOD CIRCULATION
BRAIN
BRAIN CIRCULATION

RHEOLOGY

RT FLOW MEASUREMENT
FLOW THEORY
∞ FLUIDS
LIQUID FLOW
MAXWELL FLUIDS
NONNEWTONIAN FLUIDS
PLASTIC FLOW
PLASTIC PROPERTIES
VISCOSITY

RHEOMETERS

GS MEASURING INSTRUMENTS
FLOWMETERS
RHEOMETERS
RT BLOOD CIRCULATION

RHESUS FACTOR

RT ANTIGENS
BLOOD
CONGENITAL ANOMALIES

RHEUMATIC DISEASES

GS DISEASES
RHEUMATIC DISEASES

RHIZOPUS

GS FUNGI
RHIZOPUS
RT BLIGHT
∞ MOLD

RHO-MESONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
VECTOR MESONS
RHO-MESONS
FERMIONS
BARYONS
RHO-MESONS
HADRON
BARYONS
RHO-MESONS
MESONS
VECTOR MESONS
RHO-MESONS
NUCLEAR PARTICLES
BOSONS
MESONS
VECTOR MESONS
RHO-MESONS
RT CHARGED PARTICLES
ETA-MESONS

RHODE ISLAND

GS NATIONS
UNITED STATES
RHODE ISLAND
RT BLOCK ISLAND SOUND (RI)

RHODESIA

USE ZIMBABWE

RHODIUM

GS CHEMICAL ELEMENTS
RHODIUM
RHODIUM ISOTOPES
METALS
TRANSITION METALS
RHODIUM
RHODIUM ISOTOPES

RHODIUM ALLOYS

GS ALLOYS
RHODIUM ALLOYS
RT PLATINUM ALLOYS

RHODIUM COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS

RHODIUM ISOTOPES

UF RHODIUM 102
RHODIUM 106
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RHODIUM ISOTOPES
RHODIUM
RHODIUM ISOTOPES
METALS
TRANSITION METALS
RHODIUM
RHODIUM ISOTOPES

RHODIUM 102

USE RHODIUM ISOTOPES

RHODIUM 106

USE RHODIUM ISOTOPES

RHOMBIC ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
RHOMBIC ANTENNAS
RT ANTENNA DESIGN
RADIO ANTENNAS

RHOMBOHEDRONS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
RHOMBOHEDRONS

RHOMBOIDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
TETRAGONS
PARALLELOGRAMS
RHOMBOIDS
RT GEOMETRY

RHONE DELTA (FRANCE)

GS LANDFORMS
DELTA
RHONE DELTA (FRANCE)
RT FRANCE
MEDITERRANEAN SEA
RIVERS

∞ RHYTHM

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT OSCILLATIONS
PERIODIC VARIATIONS
RHYTHM (BIOLOGY)

RHYTHM (BIOLOGY)

UF BIOLOGICAL CLOCKS
BIOLOGICAL RHYTHM
PERIODICITY (BIOLOGY)
RHYTHM (BIOLOGY)
GS CIRCADIAN RHYTHMS
ACTIVITY CYCLES (BIOLOGY)
ALTERNATIONS
∞ BIOLOGY
CYCLES
DESYNCHRONIZATION (BIOLOGY)
JET LAG
PHENOLOGY
∞ RHYTHM

RIBBON PARACHUTES

GS PARACHUTES
RIBBON PARACHUTES
RT DRAG CHUTES
RECOVERY PARACHUTES

RIBBONS

RT CONVEYORS
FABRICS
FASTENERS
METAL STRIPS
∞ STRIP
∞ TAPES

RIBOFLAVIN

UF VITAMIN B 2
VITAMIN G
GS HETEROCYCLIC COMPOUNDS
RIBOFLAVIN
VITAMINS
RIBOFLAVIN

RIBONUCLEIC ACIDS

UF RNA
GS ACIDS
NUCLEIC ACIDS
RIBONUCLEIC ACIDS
RT GUANOSINES
POLYNUCLEOTIDES

RIBOSE

GS ALIPHATIC COMPOUNDS
SUGARS
MONOSACCHARIDES
RIBOSE
PENTOSE
RIBOSE
CARBOHYDRATES
SUGARS
MONOSACCHARIDES
RIBOSE
PENTOSE
RIBOSE
RT NUCLEOSIDES

RIBS (SUPPORTS)

RT LONGERONS
REINFORCEMENT (STRUCTURES)
REINFORCEMENT RINGS
STIFFENING
WEBS (SUPPORTS)

RICCATI EQUATION

RT DIFFERENTIAL EQUATIONS

RICE

GS FARM CROPS
GRAINS (FOOD)
RICE
RT WHEAT

RICHARDS THEOREM

GS THEOREMS
RICHARDS THEOREM
RT NETWORK SYNTHESIS
SIGNAL FLOW GRAPHS

RICHARDSON NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
RICHARDSON NUMBER
RT AERODYNAMIC STABILITY
REYNOLDS NUMBER
SHEAR FLOW

RICHARDSON-DUSHMAN EQUATION

USE TEMPERATURE EFFECTS
THERMIONIC EMISSION

∞ RIDGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF CUESTAS
HOGBACKS
RT BRIDGES (LANDFORMS)
BUCKLING
CORRUGATING
GAPS (GEOLOGY)
KARST
LANDFORMS
MOUNTAINS
PROTUBERANCES
WRINKLING

RIDING QUALITY

GS QUALITY
RIDING QUALITY
RT COMFORT
PASSENGERS
SEATS
SUSPENSION SYSTEMS (VEHICLES)
TRANSPORTATION

RIEMANN INTEGRAL

USE MEASURE AND INTEGRATION

RIEMANN MANIFOLD

UF RIEMANN SPACE
RIEMANN SPHERE
GS GEOMETRY
DIFFERENTIAL GEOMETRY
RIEMANN MANIFOLD
MANIFOLDS (MATHEMATICS)
RIEMANN MANIFOLD
RT EUCLIDEAN GEOMETRY

RIEMANN PROBLEM

RIEMANN PROBLEM
USE CAUCHY PROBLEM

RIEMANN SPACE
USE RIEMANN MANIFOLD

RIEMANN SPHERE
USE RIEMANN MANIFOLD

RIEMANN WAVES
GS ELASTIC WAVES
SHOCK WAVES
RIEMANN WAVES
RT BLAST LOADS
DIFFERENTIAL EQUATIONS
DYNAMIC PRESSURE
EXPLOSIONS
HYPERBOLIC FUNCTIONS

RIESZ THEOREM
GS THEOREMS
RIESZ THEOREM
RT DIFFERENTIAL EQUATIONS
HYPERBOLIC FUNCTIONS

RIFLES
GS WEAPONS
GUNS (ORDNANCE)
RIFLES
RT ARTILLERY

RIFT (REACTOR IN FLIGHT TEST)
UF REACTOR IN FLIGHT TEST PROGRAM
RT ELECTRIC PROPULSION
 ∞ REACTORS
ROCKET ENGINES
ROVER PROJECT
SATURN PROJECT

RIFT VALLEYS
USE VALLEYS

RIFTS
USE GEOLOGICAL FAULTS

RIGGING
RT ASSEMBLING
CONSTRUCTION
 ∞ EQUIPMENT
MATERIALS HANDLING
SHROUDS

RIGID BODIES
USE RIGID STRUCTURES

RIGID MOUNTING
GS MOUNTING
RIGID MOUNTING
RT PYLON MOUNTING

RIGID ROTOR HELICOPTERS
GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
RIGID ROTOR HELICOPTERS
CH-3 HELICOPTER
F-28 HELICOPTER
XH-51 HELICOPTER
RT ∞ AIRCRAFT
OH-5 HELICOPTER

RIGID ROTORS
UF HINGELESS ROTORS
GS AIRFOILS
WINGS
ROTARY WINGS
RIGID ROTORS
RIGID STRUCTURES
RIGID ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
RIGID ROTORS
RT BEARINGLESS ROTORS

RIGID ROTORS (PLASMA PHYSICS)
GS **RIGID ROTORS (PLASMA PHYSICS)**
PLASMA PHYSICS
RT MOLECULAR COLLISIONS
MOLECULAR ROTATION
 ∞ PHYSICS
PLASMA CONTROL

RIGID STRUCTURES
UF INELASTIC BODIES
RIGID BODIES
STIFF STRUCTURES
GS **RIGID STRUCTURES**
RIGID ROTORS
RIGID WINGS
RT ARCHES
COMPOSITE MATERIALS
CONCRETE STRUCTURES
EULER EQUATIONS OF MOTION
HYBRID STRUCTURES
REINFORCEMENT (STRUCTURES)
SANDWICH STRUCTURES
SPACE ERECTABLE STRUCTURES
STEEL STRUCTURES
 ∞ STRUCTURES
TRANSLATIONAL MOTION
WELDED STRUCTURES

RIGID WINGS
SN (EXCLUDES RIGID ROTORS)
GS AIRFOILS
WINGS
RIGID WINGS
RIGID STRUCTURES
RIGID WINGS
RT AEROELASTICITY
FIXED WINGS
FLEXIBLE WINGS
LOW ASPECT RATIO WINGS

∞ **RIGIDITY**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
RT FLEXIBILITY
MAGNETIC RIGIDITY
MECHANICAL PROPERTIES
MODULUS OF ELASTICITY
RUGGEDNESS
STIFFNESS
STRUCTURAL STABILITY

RILLS
USE VALLEYS

RIMS
RT ∞ BLADES
BORDERS
EDGES
MARGINS
SIDES

RING CURRENTS
GS ELECTRIC CURRENT
RING CURRENTS
RT ATMOSPHERIC ELECTRICITY
ELECTROJETS
PLASMA CURRENTS

RING DISCHARGE
GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
TOWNSEND DISCHARGE
GAS DISCHARGES
TOROIDAL DISCHARGE
RING DISCHARGE
RT ∞ DISCHARGE
ELECTRODELESS DISCHARGES
GAS IONIZATION
HIGH FREQUENCIES
RADIO FREQUENCY DISCHARGE

RING LASERS
GS STIMULATED EMISSION DEVICES
LASERS
RING LASERS

RING STRUCTURES
GS **RING STRUCTURES**
REINFORCEMENT RINGS
RING WINGS
RT AERODYNAMIC CONFIGURATIONS
 ∞ BANDS
HOOPS
REINFORCEMENT (STRUCTURES)
 ∞ RINGS
 ∞ STRUCTURES

RING WINGS
GS AIRFOILS
WINGS
UNCAMBERED WINGS

NASA THESAURUS (VOLUME 1)

RING WINGS-(CONT)

RING WINGS
UNSWEEP WINGS
RING WINGS
RING STRUCTURES
RING WINGS
RT DUCTED FANS
SHROUDED PROPELLERS
TWISTED WINGS

∞ **RINGS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*

RT ANNULI
BODIES OF REVOLUTION
CIRCLES (GEOMETRY)
JUPITER RINGS
O RING SEALS
PLANETARY RINGS
REINFORCEMENT RINGS
RING STRUCTURES
RINGS (MATHEMATICS)
SATURN RINGS
STORAGE RINGS (PARTICLE ACCELERATORS)
TOROIDAL PLASMAS
TORUSES
URANUS RINGS
VORTEX RINGS

RINGS (MATHEMATICS)

RT ∞ MATHEMATICS
 ∞ RINGS

RIO GRANDE (NORTH AMERICA)

GS RIVERS
RIO GRANDE (NORTH AMERICA)
RT GULF OF MEXICO
MEXICO
NEW MEXICO
TEXAS

RIOMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RIOMETERS
RT ATMOSPHERIC IONIZATION
AURORAL ABSORPTION
IONOGRAMS
IONOSONDES
IONOSPHERIC NOISE
IONOSPHERIC PROPAGATION

RIPPLES

GS ELASTIC WAVES
CAPILLARY WAVES
RIPPLES
SURFACE WAVES
CAPILLARY WAVES
RIPPLES
RT GRAVITY WAVES
INTERFACIAL TENSION
WATER WAVES
WIND (METEOROLOGY)

RISERS

RT CASTINGS
PIPES (TUBES)

RISK

RT ACCEPTABILITY
ASSUMPTIONS
 ∞ CAPACITY
COMMERCE
CONFIDENCE
CONFIDENCE LIMITS
CONTINGENCY
DECISION THEORY
ESTIMATES
ESTIMATING
FINANCE
FORECASTING
GAME THEORY
HAZARDS
INVENTORY CONTROLS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OPERATIONS RESEARCH
PREDICTIONS
RELIABILITY
STRATEGY

RIT ENGINES

UF RADIO FREQUENCY ION THRUSTOR ENGINES
 GS ENGINES
 ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ION ENGINES
 RIT ENGINES
 RT ELECTROSTATIC ENGINES
 PLASMA ENGINES

RITZ AVERAGING METHOD

GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
 RITZ AVERAGING METHOD
 RT ∞ METHODOLOGY

RIVER BASINS

GS LANDFORMS
 STRUCTURAL BASINS
 RIVER BASINS
 ATCHAFALAYA RIVER BASIN (LA)
 CHENA RIVER BASIN (AK)
 COLUMBIA RIVER BASIN (ID-OR-WA)
 DELAWARE RIVER BASIN (US)
 FEATHER RIVER BASIN (CA)
 MISSOURI RIVER BASIN (US)
 SUSQUEHANNA RIVER BASIN (MD-NY-PA)
 WABASH RIVER BASIN (IL-IN-OH)
 WADIS
 RT AMAZON REGION (SOUTH AMERICA)
 CHESAPEAKE BAY (US)
 DEATH VALLEY (CA)
 INTERNATIONAL HYDROLOGICAL DECADE
 LAKES
 MEANDERS
 MISSISSIPPI RIVER (US)
 MISSOURI RIVER (US)
 RAPIDS
 RAVINES
 RIVERS
 SACRAMENTO VALLEY (CA)
 SAGINAW BAY (MI)
 SAN JOAQUIN VALLEY (CA)
 SHENANDOAH VALLEY (VA)
 VADOSE WATER
 WATERSHEDS

RIVERS

GS **RIVERS**
 COLORADO RIVER (NORTH AMERICA)
 HUDSON RIVER (NY-NJ)
 MISSISSIPPI RIVER (US)
 MISSOURI RIVER (US)
 OHIO RIVER (US)
 RIO GRANDE (NORTH AMERICA)
 RT ALLUVIUM
 AMAZON REGION (SOUTH AMERICA)
 ATCHAFALAYA RIVER BASIN (LA)
 AUFEIS (ICE)
 BAYOUS
 CANYONS
 COLUMBIA RIVER BASIN (ID-OR-WA)
 DELAWARE RIVER BASIN (US)
 DELTA
 EARTH RESOURCES
 EROSION
 ESTUARIES
 FEATHER RIVER BASIN (CA)
 INLAND WATERS
 LAKE ERIE
 LAKE HURON
 LAKE MICHIGAN
 LAKE ONTARIO
 LAKE SUPERIOR
 MEANDERS
 MISSISSIPPI DELTA (LA)
 MISSOURI RIVER BASIN (US)
 RAPIDS
 RESERVOIRS
 RHONE DELTA (FRANCE)
 RIVER BASINS
 SHOALS
 SHORELINES
 SOUNDS (TOPOGRAPHIC FEATURES)
 STREAMS
 SURFACE WATER
 SUSQUEHANNA RIVER BASIN (MD-NY-PA)
 TRIBUTARIES
 VALLEYS
 WABASH RIVER BASIN (IL-IN-OH)

RIVERS-(CONT)

WADIS
 WATER COLOR
 WATER RUNOFF
 WATERSHEDS
 WATERWAYS
 WHARVES

RIVETED JOINTS

GS JOINTS (JUNCTIONS)
 RIVETED JOINTS
 RT BUTT JOINTS
 LAP JOINTS
 METAL JOINTS
 WELDED JOINTS

RIVETING

RT ∞ JOINING
 RIVETS
 SEALING

RIVETS

GS FASTENERS
 RIVETS
 RT COUPLINGS
 HOLDERS
 PINS
 RIVETING

RL CIRCUITS

UF LR CIRCUITS
 GS CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 RT COUPLING CIRCUITS
 ELECTRICAL RESISTANCE
 INDUCTANCE
 LC CIRCUITS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 TIME CONSTANT

RL-10 ENGINES

GS ENGINES
 ROCKET ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 RL-10 ENGINES
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 RT ATLAS CENTAUR LAUNCH VEHICLE
 CENTAUR PROJECT
 CRYOGENIC ROCKET PROPELLANTS
 SATURN LAUNCH VEHICLES

RL-10-A-1 ENGINE

GS ENGINES
 ROCKET ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 HYDROGEN OXYGEN ENGINES
 RL-10-A-1 ENGINE
 RL-10 ENGINES
 RL-10-A-1 ENGINE

RL-10-A-3 ENGINE

GS ENGINES
 ROCKET ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 HYDROGEN OXYGEN ENGINES
 RL-10-A-3 ENGINE
 RL-10 ENGINES
 RL-10-A-3 ENGINE
 RT SATURN D LAUNCH VEHICLE

RLC CIRCUITS

UF LRC CIRCUITS
 RLC NETWORKS
 GS CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 RT CAPACITANCE
 CAPACITANCE SWITCHES
 ELECTRICAL RESISTANCE
 LC CIRCUITS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 RC CIRCUITS
 TIME CONSTANT

RLC NETWORKS

USE RLC CIRCUITS

RNA

USE RIBONUCLEIC ACIDS

ROADS

GS **ROADS**
 HIGHWAYS
 RT ∞ FACILITIES
 INTERSECTIONS
 PASSAGEWAYS
 PAVEMENTS
 RAPID TRANSIT SYSTEMS
 SITE SELECTION
 STREETS
 TRANSPORTATION
 TRANSPORTATION NETWORKS

ROADWAY POWERED VEHICLES

GS SURFACE VEHICLES
 ROADWAY POWERED VEHICLES
 RT ELECTRIC BATTERIES
 ELECTRIC MOTOR VEHICLES
 ENERGY STORAGE

ROASTING

UF CALCINATION
 RT BAKING
 DESULFURIZING
 DRYING
 HEATING
 IGNITION
 OXIDATION
 REDUCTION (CHEMISTRY)
 SINTERING

ROBIN BALLOONS

GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 BALLOONS
 METEOROLOGICAL BALLOONS
 ROBIN BALLOONS
 RT HIGH ALTITUDE BALLOONS
 RADIOSONDES
 ROCKOONS
 SKYHOOK BALLOONS
 SOUNDING

ROBOTICS

RT ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 AUTOMATIC CONTROL
 ∞ AUTOMATION
 COMPUTER AIDED DESIGN
 COMPUTER AIDED MANUFACTURING
 COMPUTER AIDED MAPPING
 COMPUTER VISION
 MAN MACHINE SYSTEMS
 MANIPULATORS
 POSITION SENSING
 ROBOTS
 TELEOPERATORS
 VOICE CONTROL

ROBOTS

RT ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 BIONICS
 COMPUTER VISION
 PSYCHOLINGUISTICS
 ROBOTICS
 SERVOMECHANISMS
 VOICE CONTROL

ROBUSTNESS (MATHEMATICS)

RT ALGORITHMS
 CONTROL STABILITY
 CONTROL THEORY
 FEEDBACK CONTROL
 LINEAR SYSTEMS
 MATHEMATICAL MODELS

ROCHE LIMIT

GS RANGE (EXTREMES)
 ROCHE LIMIT
 RT CELESTIAL MECHANICS
 DIMENSIONAL STABILITY
 GRAVITATION
 NATURAL SATELLITES
 ORBITS
 ROTATING BODIES
 TWO BODY PROBLEM

ROCK BOLTS

GS FASTENERS
 BOLTS

ROCK INTRUSIONS

ROCK BOLTS-(CONT) ROCK BOLTS

ROCK INTRUSIONS

UF DIKES (GEOLOGY)
GS **ROCK INTRUSIONS**
BATHOLITHS
RT CONTACTS (GEOLOGY)
IGNEOUS ROCKS
INLIERS (LANDFORMS)
REGOLITH
ROCKS

ROCK MECHANICS

RT FRACTURE MECHANICS
GEOLOGY
ROCKS
SOIL MECHANICS,
STRUCTURAL PROPERTIES (GEOLOGY)

ROCK SALT

USE HALITES

ROCKET BOOSTERS

USE BOOSTER ROCKET ENGINES

ROCKET CATAPULTS

GS LAUNCHERS
CATAPULTS
ROCKET CATAPULTS
ROCKET LAUNCHERS
ROCKET CATAPULTS
RT GUN LAUNCHERS
LAUNCH VEHICLES
LAUNCHING SITES
MISSILES
∞ ROCKETS

ROCKET CHAMBERS

USE THRUST CHAMBERS

ROCKET ENGINE CASES

UF MISSILE ENGINE CASES
ROCKET MOTOR CASES
GS CASES (CONTAINERS)
ROCKET ENGINE CASES
RT MISSILE BODIES
ORTHOTROPIC CYLINDERS[†]
PERFORATED SHELLS
SHELLS (STRUCTURAL FORMS)
THRUST CHAMBERS

ROCKET ENGINE CONTROL

GS ENGINE CONTROL
ROCKET ENGINE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
FLIGHT CONTROL
FUEL CONTROL
HEUS ROCKET ENGINES
MISSILE CONTROL
REMOTE CONTROL
SERVOCONTROL
SPACECRAFT CONTROL
THRUST CONTROL

ROCKET ENGINE DESIGN

GS ENGINE DESIGN
ROCKET ENGINE DESIGN
RT COLD FLOW TESTS
∞ DESIGN
ENGINE TESTS
PREFIRING TESTS
ROVER PROJECT

ROCKET ENGINE NOISE

GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)
ENGINE NOISE
ROCKET ENGINE NOISE
RT MUFFLERS

ROCKET ENGINE 9KS-11000

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
ROCKET ENGINE 9KS-11000

ROCKET ENGINES

UF INTERPLANETARY PROPULSION
GS ENGINES

ROCKET ENGINES-(CONT)

ROCKET ENGINES

BOOSTER ROCKET ENGINES
AJ-10 ENGINE
ALGOL ENGINE
APOGEE BOOST MOTORS
H-1 ENGINE
LR-87-AJ-5 ENGINE
M-1 ENGINE
M-55 ENGINE
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE
ROCKET ENGINE 9KS-11000
X-405 ENGINE
DUCTED ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
ARC JET ENGINES
RESISTOJET ENGINES
ION ENGINES
CESIUM ENGINES
MERCURY ION ENGINES
RIT ENGINES
HEUS ROCKET ENGINES
HOT WATER ROCKET ENGINES
HYBRID PROPELLANT ROCKET
ENGINES
LITHTERGOL ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
AJ-10 ENGINE
F-1 ROCKET ENGINE
H-1 ENGINE
HYDRAZINE ENGINES
HYDROGEN OXYGEN ENGINES
J-2 ENGINE
M-1 ENGINE
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
LIQUID AIR CYCLE ENGINES
LR-62-RM-2 ENGINE
LR-87-AJ-5 ENGINE
LR-91-AJ-5 ENGINE
LR-99 ENGINE
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
RL-10 ENGINES
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
SPACE SHUTTLE MAIN ENGINE
X-405 ENGINE
XLR-99 ENGINE
YLR-91-AJ-1 ENGINE
M-100 ENGINE
MICROROCKET ENGINES
ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
NOZZLELESS ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR RAMJET ENGINES
NUCLEAR ROCKET ENGINES
NUCLEAR LIGHTBULB ENGINES
RESTARTABLE ROCKET ENGINES
RETROROCKET ENGINES
BE-3 ENGINE
REUSABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
ALGOL ENGINE
APOGEE BOOST MOTORS
ASROC ENGINE
HERCULES ENGINE
M-46 ENGINE
M-55 ENGINE
M-56 ENGINE
M-57 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE
SL-3 ROCKET ENGINE
SYNCOM APOGEE ENGINES
TU-121 ENGINE
TX-77 ENGINE
TX-354 ENGINE
X-248 ENGINE
X-254 ENGINE
X-258 ENGINES
X 258-B1 ENGINE
X-259 ENGINE
XM-33 ENGINE
SUSTAINER ROCKET ENGINES

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ROCKET ENGINES-(CONT)

TURBOROCKET ENGINES
ULLAGE ROCKET ENGINES
UPPER STAGE ROCKET ENGINES
VERNIER ENGINES
SYNCOM APOGEE ENGINES
RT AIRCRAFT ENGINES
AXIAL MODES
BURNING TIME
EJECTORS
EXHAUST NOZZLES
EXPENDABLE STAGES (SPACECRAFT)
HEAVY LIFT LAUNCH VEHICLES
HYBRID PROPULSION
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES
JET ENGINES
JET PROPULSION
LASER PROPULSION
LAUNCH VEHICLES
LUNAR MODULE ASCENT STAGE
MAGNETOPLASMA DYNAMICS
MISSILE CONFIGURATIONS
MISSILES
MULTISTAGE ROCKET VEHICLES
POST BOOST PROPULSION SYSTEM
∞ PROPELLANT ACTUATED DEVICES
PROPELLANT EXPLOSIONS
REFRACTORIES
REUSABLE LAUNCH VEHICLES
RIFT (REACTOR IN FLIGHT TEST)
∞ ROCKETS
SINGLE STAGE ROCKET VEHICLES
SOLID ROCKET PROPELLANTS
SPACECRAFT COMPONENTS
SPACECRAFT PROPULSION
SPACECRAFT STRUCTURES
THRUST
THRUST VECTOR CONTROL
THRUST-WEIGHT RATIO
∞ THRUSTORS

ROCKET EXHAUST

GS PLUMES
ROCKET EXHAUST
RT BASE HEATING
COMBUSTION PRODUCTS
EXHAUST GASES
EXHAUST SYSTEMS
JET EXHAUST

ROCKET FIRING

GS FIRING (IGNITING)
ROCKET FIRING
RETROFIRING
RT BURNING TIME
DETONATION
STATIC FIRING
TEST FIRING

ROCKET FLIGHT

RT CLIMBING FLIGHT
COASTING FLIGHT
∞ FLIGHT
FLIGHT PATHS
HORIZONTAL FLIGHT
HYPERSONIC FLIGHT
METEOROLOGICAL FLIGHT
SPACE FLIGHT
SUBORBITAL FLIGHT
SUPERSONIC FLIGHT
TRAJECTORIES
TRANSONIC FLIGHT
VERTICAL FLIGHT

ROCKET LAUNCHERS

GS LAUNCHERS
ROCKET LAUNCHERS
ROCKET CATAPULTS
RT GROUND SUPPORT EQUIPMENT
GUN LAUNCHERS
LAUNCH VEHICLES
LAUNCHING
LAUNCHING SITES
MISSILE LAUNCHERS
∞ ROCKETS
ROCKOONS
SEA LAUNCHING

ROCKET LAUNCHING

UF BLASTOFF
GS LAUNCHING
ROCKET LAUNCHING
LUNAR LAUNCH
ORBITAL LAUNCHING

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ROCKET VEHICLES

ROCKET LAUNCHING-(CONT)

RT LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHERS
SPACECRAFT LAUNCHING

ROCKET LININGS

GS LININGS
RT ROCKET LININGS
ENGINE PARTS
REFRACTORIES

ROCKET MOTOR CASES

USE ROCKET ENGINE CASES

ROCKET NOSE CONES

GS CONES
NOSE CONES
RT ROCKET NOSE CONES
ABLATIVE NOSE CONES

ROCKET NOZZLES

GS ROCKET NOZZLES
DUAL THRUST NOZZLES
RT ANNULAR NOZZLES
CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
HYPERSONIC NOZZLES
NOZZLE INSERTS
NOZZLELESS ROCKET ENGINES
NOZZLES
PLUG NOZZLES
SKIRTS
SPIKE NOZZLES
SUPERSONIC NOZZLES

ROCKET OXIDIZERS

UF PROPELLANT OXIDIZERS
GS OXIDIZERS
ROCKET OXIDIZERS
FLOX
TAGN
RT CRYOGENIC FLUIDS
DOMINO PROPELLANTS
HIGH ENERGY OXIDIZERS
HYDROGEN PEROXIDE
LIQUID OXIDIZERS
LIQUID OXYGEN
NITROGEN TETROXIDE
NITRONIUM PERCHLORATE
TATB

ROCKET PLANES

GS ROCKET VEHICLES
ROCKET PLANES
RT AEROSPACEPLANES
AIRCRAFT
ASTROPLANE
BOOSTGLIDE VEHICLES
RESEARCH AIRCRAFT

ROCKET PROPELLANT TANKS

USE PROPELLANT TANKS

ROCKET PROPELLANTS

UF MULTIPROPELLANTS
GS PROPELLANTS
ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HYPERGOLIC ROCKET
PROPELLANTS
MONOPROPELLANTS
AEROZINE
RP-1 ROCKET PROPELLANTS
SLURRY PROPELLANTS
NITRAMINE PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET
PROPELLANTS
METAL PROPELLANTS
TAGN
TATB
RT ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
FUELS
HYDRAZINES
HYDROCARBON FUELS
LIQUID FUELS
MISSILES
PROPELLANT BINDERS
PROPELLANT STORAGE

ROCKET PROPELLANTS-(CONT)

PROPULSION
SOLID PROPELLANTS
SPECIFIC IMPULSE
STORABLE PROPELLANTS
THRUST
TORPEDO ENGINES

ROCKET PROPELLED SLEDS

GS SURFACE VEHICLES
SLEDS
RT ROCKET PROPELLED SLEDS
JAVELIN ROCKET VEHICLE
TEST EQUIPMENT

ROCKET SONDES

USE SOUNDING ROCKETS

ROCKET SOUNDING

GS SOUNDING
RT ROCKET SOUNDING
ACOUSTIC SOUNDING
ATMOSPHERIC SOUNDING
BARIUM ION CLOUDS
IONOSPHERIC SOUNDING
JUDI-DART ROCKET
MICROWAVE SOUNDING
SATELLITE SOUNDING
SOUNDING ROCKETS

ROCKET TEST FACILITIES

GS TEST FACILITIES
RT ROCKET TEST FACILITIES
ENGINE TESTS
TEST FIRING
TEST RANGES
TEST STANDS

ROCKET THRUST

GS THRUST
ROCKET THRUST
RETROTHRUST
RT HIGH THRUST
JET THRUST
LOW THRUST
LOW THRUST PROPULSION
MICROTHRUST
PROPULSION SYSTEM PERFORMANCE
SPECIFIC IMPULSE
STATIC THRUST
THRUST LOADS
THRUST TERMINATION
VARIABLE THRUST

ROCKET VEHICLES

GS ROCKET VEHICLES
ABLESTAR LAUNCH VEHICLE
ARGON ROCKET VEHICLE
BLUE STREAK LAUNCH VEHICLE
BLUE STREAK MISSILE
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
FOLDING FIN AIRCRAFT ROCKET
VEHICLE
HOVERING ROCKET VEHICLES
METEOR 1 ROCKET VEHICLE
MULTISTAGE ROCKET VEHICLES
ANTARES ROCKET VEHICLE
ARGO ROCKET VEHICLES
ARIANE LAUNCH VEHICLE
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
ATHENA ROCKET VEHICLE
ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLE
ATLAS SLV-3 LAUNCH VEHICLE
BERENICE ROCKET VEHICLE
BLACK KNIGHT ROCKET VEHICLE
BLUE SCOUT ROCKET VEHICLE
DIAMANT LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EXOS SOUNDING ROCKET
JAGUAR ROCKET VEHICLE
JAVELIN ROCKET VEHICLE
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LITTLE JOE 2 LAUNCH VEHICLE

ROCKET VEHICLES-(CONT)

NIKE ROCKET VEHICLES
NIKE-APACHE ROCKET VEHICLE
NIKE-CAJUN ROCKET VEHICLE
NIKE-HYDAC ROCKET VEHICLE
NIKE-IROQUOIS ROCKET VEHICLE
NIKE-JAVELIN ROCKET VEHICLE
NIKE-TOMAHAWK ROCKET VEHICLE
NOVA LAUNCH VEHICLES
PHOENIX SOUNDING ROCKET
RAM 8 LAUNCH VEHICLE
RUBIS ROCKET VEHICLE
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH
VEHICLE
SATURN 1B LAUNCH VEHICLES
SATURN 2 LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SCOUT LAUNCH VEHICLE
SKYLARK ROCKET VEHICLE
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
VANGUARD 2 LAUNCH VEHICLE
VEGA LAUNCH VEHICLE
WASP SOUNDING ROCKET
PAYLOAD ASSIST MODULE
ROCKET PLANES
SATURN STAGES
SATURN S-1 STAGE
SATURN S-1B STAGE
SATURN S-1C STAGE
SATURN S-2 STAGE
SATURN S-4 STAGE
SATURN S-4B STAGE
SINGLE STAGE ROCKET VEHICLES
AGENA ROCKET VEHICLES
AGENA A ROCKET VEHICLE
AGENA B ROCKET VEHICLE
AGENA C ROCKET VEHICLE
AGENA D ROCKET VEHICLE
ARCAS ROCKET VEHICLES
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING
ROCKET
BLACK BRANT 2 SOUNDING
ROCKET
BLACK BRANT 3 SOUNDING
ROCKET
BLACK BRANT 4 SOUNDING
ROCKET
BLACK BRANT 5 SOUNDING
ROCKET
BLACK KNIGHT ROCKET VEHICLE
DORNIER PARAGLIDER ROCKET
VEHICLE
GENIE ROCKET VEHICLE
HONEST JOHN ROCKET VEHICLE
HYLA-STAR ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE
LOKI ROCKET VEHICLE
NOMAD LAUNCH VEHICLE
VERONIQUE ROCKET VEHICLES
VIKING ROCKET VEHICLE
ZUNI ROCKET VEHICLE
SOUNDING ROCKETS
AEROBEE ROCKET VEHICLE
ANTARES ROCKET VEHICLE
APACHE ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARIES SOUNDING ROCKET
ASP ROCKET VEHICLE
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING
ROCKET
BLACK BRANT 2 SOUNDING
ROCKET
BLACK BRANT 3 SOUNDING
ROCKET

ROCKET-BORNE INSTRUMENTS

ROCKET VEHICLES-(CONT)

BLACK BRANT 4 SOUNDING
ROCKET
BLACK BRANT 5 SOUNDING
ROCKET
CAJUN ROCKET VEHICLE
DORNIER PARAGLIDER ROCKET
VEHICLE
EXOS SOUNDING ROCKET
JAGUAR ROCKET VEHICLE
JUDI-DART ROCKET
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LOKI ROCKET VEHICLE
PETREL SOUNDING ROCKET
PHOENIX SOUNDING ROCKET
SKUA ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
VENUS FLY TRAP ROCKET VEHICLE
VERONIQUE ROCKET VEHICLES
VERTICAL 8 ROCKET
WASP SOUNDING ROCKET
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE 5
SURFACE TO SURFACE ROCKETS
HONEST JOHN ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN CENTAUR LAUNCH VEHICLE
RT ACOUSTIC SOUNDING
∞ BALLISTIC VEHICLES
∞ FLIGHT VEHICLES
HEUS ROCKET ENGINES
LAUNCH VEHICLES
MISSILE CONFIGURATIONS
MULTIENGINE VEHICLES
∞ ROCKETS
SPACE PROCESSING APPLICATIONS
ROCKET
STAGE SEPARATION
TEST VEHICLES
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
∞ VEHICLES
∞ WINGED VEHICLES
X-1 AIRCRAFT
X-2 AIRCRAFT
X-15 AIRCRAFT
X-17 REENTRY VEHICLE

ROCKET-BORNE INSTRUMENTS

RT CONTROLLERS
FLIGHT TEST INSTRUMENTS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
POSITION INDICATORS

ROCKET-BORNE PHOTOGRAPHY

GS IMAGERY
ROCKET-BORNE PHOTOGRAPHY
PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
PHOTOMAPPING
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY

∞ ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR SLEW MISSILES
AMMUNITION
ESCAPE ROCKETS
HEAVY LIFT LAUNCH VEHICLES
INCENDIARY AMMUNITION
LAUNCH VEHICLES
MISSILES
NUCLEAR RAMJET ENGINES
NUCLEAR ROCKET ENGINES
NUCLEAR WEAPONS
PATRIOT MISSILE
PETREL SOUNDING ROCKET
PYROTECHNICS
REENTRY
REENTRY VEHICLES

ROCKETS-(CONT)

ROCKET CATAPULTS
ROCKET ENGINES
ROCKET LAUNCHERS
ROCKET VEHICLES
ROCKOONS
SPACE FLIGHT
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
SURFACE TO SURFACE ROCKETS
TORPEDOES
VERTICAL 8 ROCKET
WARHEADS
WEAPON SYSTEMS
WEAPONS DELIVERY

ROCKOONS

RT HIGH ALTITUDE BALLOONS
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKET LAUNCHERS
∞ ROCKETS
SKYHOOK BALLOONS

ROCKS

UF STONES (ROCKS)
GS **ROCKS**
ANDESITE
ATAXITE
BEDROCK
BAL TIC SHIELD (EUROPE)
BRECCIA
COAL
LIGNITE
SOLVENT REFINED COAL
GNEISS
IGNEOUS ROCKS
ANORTHOSITE
BASALT
DIORITE
DUNITE
ECLOGITE
FELSITE
GRANITE
OBSIDIAN
MOLDAVITE
PERIDOTITE
PUMICE
SYENITE
TRACHYTE
LIMESTONE
LUNAR ROCKS
REGOLITH
SANDSTONES
SCHIST
SHALES
SHATTER CONES

RT AGGREGATES
BATHOLITHS
BAUXITE
BOREHOLES
CARBONACEOUS ROCKS
CLAYS
CONTACTS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
DIRT
DOLOMITE (MINERAL)
EARTH RESOURCES
EFFUSIVES
ENSTATITE
FOLDS (GEOLOGY)
FORMATIONS
GEOLOGY
GYPSUM
INLIERS (LANDFORMS)
KARST
KREEP
LANDSLIDES
LATERITES
LAVA
LEDGES
LITHOLOGY
MAGMA
METAMORPHISM (GEOLOGY)
MINERALS
NUNATAKS
OLIVINE
OUTLIERS (LANDFORMS)
PALEOMAGNETISM
PETROGRAPHY
PETROLOGY
PYROXENES
QUARTZ
REEFS
ROCK INTRUSIONS

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ROCKS-(CONT)

ROCK MECHANICS
SEDIMENTARY ROCKS
SERPENTINE
SOILS
STRATIGRAPHY
TUNNELING (EXCAVATION)

ROCKWELL HARDNESS

GS MECHANICAL PROPERTIES
HARDNESS
RT **ROCKWELL HARDNESS**
MICROHARDNESS

ROCKY MOUNTAINS (NORTH AMERICA)

GS LANDFORMS
MOUNTAINS
**ROCKY MOUNTAINS (NORTH
AMERICA)**
RT CANADA
UNITED STATES

RODENTS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
GUINEA PIGS
HAMSTERS
MICE
JERBOAS
POCKET MICE
RABBITS
RATS
SQUIRRELS
GROUND SQUIRRELS

RODS

GS **RODS**
CONTROL RODS
RT BARS
BILLETS
DIRECTORS (ANTENNA ELEMENTS)
STRUCTURAL MEMBERS
WIRE

ROENTGEN SATELLITE

USE ROSAT MISSION

ROGALLO WINGS

USE FLEXIBLE WINGS
FOLDING STRUCTURES

ROLL

UF DAMPING IN ROLL
GS ATTITUDE (INCLINATION)
ROLL
RT LATERAL CONTROL
LATERAL OSCILLATION
LATERAL STABILITY
PITCH (INCLINATION)
ROLLERS
∞ ROLLING
ROLLING MOMENTS
ROTATION
SIDESLIP
TURNING FLIGHT
YAW

ROLL CONTROL

USE LATERAL CONTROL

ROLL FORMING

GS FORMING TECHNIQUES
ROLL FORMING
RT COLD WORKING
METAL WORKING

ROLLER BEARINGS

GS BEARINGS
ANTIFRICTION BEARINGS
ROLLER BEARINGS
RT BALL BEARINGS
NEEDLE BEARINGS
THRUST BEARINGS

ROLLERS

RT CONVEYORS
CYLINDRICAL BODIES
DISPENSERS
DISTRIBUTORS
IDLERS
PLATENS
PULLEYS

ROLLERS-(CONT)

ROLL
TIRES
VEHICLE WHEELS
WHEELS

∞ ROLLING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT AUSFORMING
FLATTENING
FORGING
LEVELING
METAL WORKING
ROLL

ROLLING CONTACT LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
ROLLING CONTACT LOADS
RT ANTIFRICTION BEARINGS
STRESSES
STRUCTURAL DESIGN CRITERIA

ROLLING MOMENTS

GS MOMENTS
STABILITY DERIVATIVES
ROLLING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LATERAL STABILITY
MOMENTS OF INERTIA
PITCHING MOMENTS
ROLL
TORQUE
YAWING MOMENTS

ROLLUP SOLAR ARRAYS

USE SOLAR ARRAYS

ROMANIA

UF RUMANIA
GS NATIONS
ROMANIA
RT BLACK SEA
CENTRAL EUROPE
EUROPE

RONCHI TEST

GS INTERFEROMETRY
RONCHI TEST
RT ELECTROMAGNETIC RADIATION
GRATINGS (SPECTRA)
INTERFEROMETERS
MEASURING INSTRUMENTS
OPTICAL MEASUREMENT

ROOFS

RT ∞ BUILDINGS
SHEATHS

ROOM TEMPERATURE

GS TEMPERATURE
ROOM TEMPERATURE
RT AMBIENT TEMPERATURE
OPERATING TEMPERATURE

ROOMS

GS **ROOMS**
CLEAN ROOMS
DARKROOMS
RT COMPARTMENTS
ENCLOSURES
∞ LOUNGES

ROOT-MEAN-SQUARE ERRORS

GS ERRORS
ROOT-MEAN-SQUARE ERRORS
RT ERROR ANALYSIS
STATISTICAL ANALYSIS

∞ ROOTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT PLANT ROOTS
RADICALS
ROOTS OF EQUATIONS
WING ROOTS

ROOTS OF EQUATIONS

UF ZERO CROSSINGS
RT EIGENVALUES
∞ EQUATIONS

ROOTS OF EQUATIONS-(CONT)

EXISTENCE THEOREMS
MATRICES (MATHEMATICS)
NONLINEAR EQUATIONS
POLYNOMIALS
∞ ROOTS

RORSCHACH TESTS

GS PSYCHOLOGICAL TESTS
RORSCHACH TESTS
RT MENTAL HEALTH
PSYCHOLOGY
∞ TESTS

ROSAT MISSION

UF ROENTGEN SATELLITE
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ROSAT MISSION
SATELLITES
ARTIFICIAL SATELLITES
ROSAT MISSION
RT ASTRONOMICAL SATELLITES
INTERNATIONAL COOPERATION
SPACEBORNE ASTRONOMY
SPACEBORNE TELESCOPES
X RAY ASTRONOMY
X RAY SOURCES
X RAY TELESCOPES

ROSETTE SHAPES

GS SHAPES
ROSETTE SHAPES
RT ANTENNA RADIATION PATTERNS
CRYSTALLITES
SPHERULITES
STRAIN GAGES

ROSHKO PREDICTION

GS PREDICTIONS
ROSHKO PREDICTION
RT BLUFF BODIES
LAMINAR FLOW
OSEEN APPROXIMATION
THREE DIMENSIONAL FLOW

ROSIN

GS GUMS (SUBSTANCES)
ROSIN
RT ORGANIC MATERIALS

ROSS ICE SHELF

GS REGIONS
POLAR REGIONS
ANTARCTIC REGIONS
ROSS ICE SHELF
SOUTHERN HEMISPHERE
ANTARCTIC REGIONS
ROSS ICE SHELF
RT MCMURDO SOUND

ROSSBY REGIMES

RT BAROTROPIC FLOW
PLANETARY WAVES

ROSSBY WAVES

USE PLANETARY WAVES

ROTARY DRIVES

USE MECHANICAL DRIVES

ROTARY ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
ROTARY ENGINES
WANKEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
PISTON ENGINES

ROTARY GYROSCOPES

GS GYROSCOPES
ROTARY GYROSCOPES
FLUID ROTOR GYROSCOPES
RT GYROSCOPE FLUIDS
GYROSCOPIC STABILITY
ROTATING BODIES

ROTARY STABILITY

UF WHIRL INSTABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ROTARY STABILITY

ROTARY STABILITY-(CONT)

GYROSCOPIC STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
RT DIRECTIONAL STABILITY
FLOW STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
ROTATING BODIES
ROTATION

ROTARY WING AIRCRAFT

UF ROTORCRAFT
GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
AUTOGYROS
AVIAN 2/180 AUTOGIRO
HELICOPTERS
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
SE-3160 HELICOPTER
BELL 214A HELICOPTER
BO-105 HELICOPTER
CH-21 HELICOPTER
COMPOUND HELICOPTERS
H-17 HELICOPTER
H-54 HELICOPTER
HC-3 HELICOPTER
MILITARY HELICOPTERS
AH-1G HELICOPTER
AH-64 HELICOPTER
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-54 HELICOPTER
H-43 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
HH-43 HELICOPTER
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
OH-58 HELICOPTER
OH-50 HELICOPTER
S-58 HELICOPTER
S-61 HELICOPTER
SA-330 HELICOPTER
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
P-531 HELICOPTER
RIGID ROTOR HELICOPTERS
CH-3 HELICOPTER
F-28 HELICOPTER
XH-51 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
SIKORSKY WHIRLWIND HELICOPTER
TANDEM ROTOR HELICOPTERS
CH-46 HELICOPTER
CH-47 HELICOPTER
H-25 HELICOPTER
TH-55 HELICOPTER
WESTLAND WHIRLWIND
HELICOPTER
XV-9A AIRCRAFT
TILT ROTOR AIRCRAFT
XV-15 AIRCRAFT
RT ∞ AIRCRAFT
AUTOROTATION
COMMERCIAL AIRCRAFT
LIFTING ROTORS
∞ MILITARY AIRCRAFT
PASSENGER AIRCRAFT
SHORT TAKEOFF AIRCRAFT
∞ SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WESER AIRCRAFT
WESTLAND AIRCRAFT
ROTARY WINGS
UF HELICOPTER ROTORS
HINGED ROTOR BLADES

ROTATING

ROTARY WINGS-(CONT)

GS AIRFOILS
WINGS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
RT BLADE TIPS
∞ BLADES
FAN BLADES
FLAPPING HINGES
FOLDING STRUCTURES
GROUND RESONANCE
HARMONIC CONTROL
HELICOPTER PROPELLER DRIVE
HELICOPTER TAIL ROTORS
LIFT FANS
PROPELLER BLADES
∞ ROTOR BLADES
TAIL ROTORS
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
WHIRL TOWERS

ROTATING

USE ROTATION

ROTATING BODIES

UF ROTATING VEHICLES
SOLID ROTATION
GS ROTATING BODIES
LUNAR ROTATION
ROTATING CYLINDERS
ROTATING DISKS
ROTATING SPHERES
ROTORS
COMPRESSOR ROTORS
FLYWHEELS
IMPELLERS
PUMP IMPELLERS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
TAIL ROTORS
HELICOPTER TAIL ROTORS
TIP VANES
TURBINE WHEELS
RT AXES OF ROTATION
∞ BODIES
PLANETARY ROTATION
ROCHE LIMIT
ROTARY GYROSCOPES
ROTARY STABILITY
ROTATION
SPINNING UNGUIDED ROCKET
TRAJECTORY

ROTATING CYLINDERS

GS ROTATING BODIES
ROTATING CYLINDERS
SYMMETRICAL BODIES
BODIES OF REVOLUTION
CYLINDRICAL BODIES
ROTATING CYLINDERS
RT COUETTE FLOW
∞ CYLINDERS
CYLINDRICAL SHELLS
ELASTOHYDRODYNAMICS
MAGNUS EFFECT
SHAFTS (MACHINE ELEMENTS)
VISCOMETERS
VISCOMETRY

ROTATING DISKS

GS DISKS (SHAPES)
ROTATING DISKS
ROTATING BODIES
ROTATING DISKS

ROTATING DISKS-(CONT)

RT ACCRETION DISKS
COUNTER ROTATION
KARMAN-BODEWADT FLOW

∞ ROTATING ELECTRICAL MACHINES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ARMATURES
COMMUTATORS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTORS
INDUCTION MOTORS
∞ MACHINERY
ROTATING GENERATORS
ROTORS
SERVOMOTORS
STATORS

ROTATING ENVIRONMENTS

GS ENVIRONMENTS
ROTATING ENVIRONMENTS
RT ARTIFICIAL GRAVITY
BARANY CHAIR
CORIOLIS EFFECT
HIGH GRAVITY ENVIRONMENTS
LANGLEY COMPLEX COORDINATOR
SPACECRAFT ENVIRONMENTS
TUMBLING MOTION

ROTATING FLUIDS

GS ROTATING FLUIDS
ROTATING LIQUIDS
RT COUNTER ROTATION
∞ FLUIDS
GOERTLER INSTABILITY
KARMAN-BODEWADT FLOW
LIQUID SLOSHING
PLANETARY WAVES
SUPERROTATION
TAYLOR INSTABILITY
TRAPPED VORTEXES
TURBULENT FLOW
VORTEX SHEETS
VORTICES
WING TIP VORTICES

ROTATING GENERATORS

UF DYNAMOS
GS ELECTRIC GENERATORS
ROTATING GENERATORS
AMPLIDYNES
DYNAMOMETERS
HOMOPOLAR GENERATORS
STATIC ALTERNATORS
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
RT COMMUTATORS
ELECTROSTATIC GENERATORS
∞ GENERATORS
∞ ROTATING ELECTRICAL MACHINES
TURBINES
TURBOMACHINERY

ROTATING LIQUIDS

UF LIQUID ROTATION
GS LIQUIDS
ROTATING LIQUIDS
ROTATING FLUIDS
ROTATING LIQUIDS
RT GOERTLER INSTABILITY
PLANETARY WAVES
ROTATION
TRAPPED VORTEXES
VORTICES

ROTATING MATTER

RT MATTER (PHYSICS)
ROTATION
SPIN DYNAMICS

ROTATING MIRRORS

GS MIRRORS
ROTATING MIRRORS
RT FRAMING CAMERAS
HIGH SPEED CAMERAS

ROTATING PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
ROTATING PLASMAS
PARTICLES

NASA THESAURUS (VOLUME 1)

ROTATING PLASMAS-(CONT)

CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
ROTATING PLASMAS
RT DRIFT RATE
NONEQUILIBRIUM PLASMAS
PLASMA FLUX MEASUREMENT
THETA PINCH
TOROIDAL PLASMAS
TWO FLUID MODELS
ZETA PINCH

ROTATING SHAFTS

GS ROTATING SHAFTS
SHAFTS (MACHINE ELEMENTS)
TURBOSHAFTS

ROTATING SPHERES

GS ROTATING BODIES
ROTATING SPHERES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
ROTATING SPHERES
RT EQUATORS
SPHERICAL SHELLS

ROTATING STALLS

RT BOUNDARY LAYER SEPARATION
COMPRESSOR BLADES
∞ ROTOR BLADES
TURBOCOMPRESSORS

ROTATING VEHICLES

USE ROTATING BODIES
VEHICLES

ROTATION

UF ROTATING
WHIRL
WHIRLING
GS GYRATION
ROTATION
AUTOROTATION
COROTATION
COUNTER ROTATION
EARTH ROTATION
MOLECULAR ROTATION
MUON SPIN ROTATION
PLANETARY ROTATION
SATELLITE ROTATION
STELLAR ROTATION
SOLAR ROTATION
RT ANGULAR ACCELERATION
ANGULAR VELOCITY
AXES OF ROTATION
CIRCULATION
CORIOLIS EFFECT
CROSS POLARIZATION
FARADAY EFFECT
IMAGE ROTATION
LIBRATION
∞ MOTION
NUTATION
PITCH (INCLINATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
PRECESSION
REVOLVING
ROLL
ROTARY STABILITY
ROTATING BODIES
ROTATING LIQUIDS
ROTATING MATTER
ROTONS
TORQUE
VORTEX AVOIDANCE
VORTICES
YAW

ROTATIONAL FLOW

USE FLUID FLOW
VORTICES

ROTIFERA

GS ANIMALS
INVERTEBRATES
PROTOZOA
PARAMECIA
ROTIFERA
MICROORGANISMS
PROTOZOA
PARAMECIA
ROTIFERA

ROTOCHUTES

GS PARACHUTES
ROTOCHUTES
 RT AUTOROTATION

ROTONS

GS FLUID MECHANICS
 FLUID DYNAMICS
ROTONS
 RT ACTIVATION ENERGY
 EXCITATION
 PHOTONS
 ROTATION

ROTOR AERODYNAMICS

GS FLUID MECHANICS
 FLUID DYNAMICS
 GAS DYNAMICS
 AERODYNAMICS
ROTOR AERODYNAMICS
 RT FLAPPING
 FLAPPING HINGES
 GROUND RESONANCE
 ROTOR BODY INTERACTIONS
 ROTORS
 WHIRL TOWERS

∞ ROTOR BLADES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT HELICOPTER TAIL ROTORS
 ROTARY WINGS
 ROTATING STALLS
 ROTOR BLADES (TURBOMACHINERY)
 TAIL ROTORS
 X WING ROTORS

ROTOR BLADES (TURBOMACHINERY)

UF IMPELLER BLADES
 GS TURBOMACHINE BLADES
ROTOR BLADES (TURBOMACHINERY)
 RT AIRFOILS
 BLADE TIPS
 ∞ BLADES
 COMPRESSOR BLADES
 COMPRESSOR ROTORS
 IMPELLERS
 ∞ ROTOR BLADES
 ROTORS
 STATOR BLADES
 TURBINE BLADES

ROTOR BODY INTERACTIONS

RT AERODYNAMIC CHARACTERISTICS
 AERODYNAMIC CONFIGURATIONS
 HELICOPTER DESIGN
 ROTOR AERODYNAMICS

ROTOR DISKS

USE TURBINE WHEELS

ROTOR HUBS

USE HUBS
 ROTORS

ROTOR LIFT

GS AERODYNAMIC CHARACTERISTICS
 LIFT
ROTOR LIFT
 AERODYNAMIC FORCES
 LIFT
ROTOR LIFT
 DYNAMIC CHARACTERISTICS
 LIFT
ROTOR LIFT
 RT DISTRIBUTION (PROPERTY)

ROTOR SPEED

GS RATES (PER TIME)
ROTOR SPEED
 VELOCITY
ROTOR SPEED
 RT ANGULAR VELOCITY
 HIGH SPEED
 LABYRINTH SEALS
 TIP SPEED

ROTOR SYSTEMS RESEARCH AIRCRAFT

GS RESEARCH AIRCRAFT
**ROTOR SYSTEMS RESEARCH
 AIRCRAFT**
 RT ∞ AIRCRAFT
 AIRCRAFT DESIGN

ROTOR SYSTEMS RESEARCH-(CONT)

HELICOPTERS
 NASA PROGRAMS
 ∞ SYSTEMS

ROTORCRAFT

USE ROTARY WING AIRCRAFT

ROTORCRAFT AIRCRAFT

RT ∞ AIRCRAFT

ROTORS

UF ROTOR HUBS
 GS ROTATING BODIES
ROTORS
 COMPRESSOR ROTORS
 FLYWHEELS
 IMPELLERS
 PUMP IMPELLERS
 ROTARY WINGS
 CIRCULATION CONTROL ROTORS
 LIFTING ROTORS
 BEARINGLESS ROTORS
 RIGID ROTORS
 TILTING ROTORS
 TIP DRIVEN ROTORS
 X WING ROTORS
 TAIL ROTORS
 HELICOPTER TAIL ROTORS
 TIP VANES
 TURBINE WHEELS
 RT AIRFOILS
 ARMATURES
 CENTRIFUGAL COMPRESSORS
 HEAVY LIFT AIRSHIPS
 ∞ ROTATING ELECTRICAL MACHINES
 ROTOR AERODYNAMICS
 ROTOR BLADES (TURBOMACHINERY)
 STATORS
 TURBINES
 TURBOCOMPRESSORS
 TURBOMACHINE BLADES
 TURBOSHAFTS
 WHEELS
 WINGS

ROUGHNESS

GS **ROUGHNESS**
 SEA ROUGHNESS
 SURFACE ROUGHNESS
 RT COARSENESS
 CONTOURS
 FLATNESS
 MECHANICAL PROPERTIES
 MOTION STABILITY
 PROFILOMETERS
 SMOOTHING
 SURFACE PROPERTIES

ROUND TRIP TRAJECTORIES

GS TRAJECTORIES
ROUND TRIP TRAJECTORIES
 CIRCUMLUNAR TRAJECTORIES
 RT EARTH-MOON TRAJECTORIES
 INTERORBITAL TRAJECTORIES
 INTERPLANETARY FLIGHT
 INTERPLANETARY TRAJECTORIES
 MOON-EARTH TRAJECTORIES
 ORBITAL MECHANICS
 SPACECRAFT TRAJECTORIES
 SWINGBY TECHNIQUE

ROUSE BELTS

RT ∞ BELTS
 CONES (VOLCANOES)
 EARTHQUAKES
 GEOLOGICAL FAULTS
 MARS VOLCANOES
 SEISMOLOGY
 TREMORS
 VOLCANOES
 VOLCANOLOGY

ROUTES

RT AIR TRAFFIC CONTROL
 FLIGHT PLANS
 ∞ PATHS
 SITE SELECTION
 TRANSPORTATION

∞ ROUTINES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPUTER PROGRAMS

ROUTINES-(CONT)

COMPUTER SYSTEMS PROGRAMS
 DATA CONVERSION ROUTINES
 INPUT/OUTPUT ROUTINES
 MERGING ROUTINES
 OPERATING SYSTEMS (COMPUTERS)
 USER MANUALS (COMPUTER
 PROGRAMS)

ROVER PROJECT

GS PROGRAMS
 NASA PROGRAMS
ROVER PROJECT
 NASA SPACE PROGRAMS
ROVER PROJECT
 PROJECTS
ROVER PROJECT
 RT KIWI REACTORS
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR PROPULSION
 NUCLEAR REACTORS
 RIFT (REACTOR IN FLIGHT TEST)
 ROCKET ENGINE DESIGN
 SPACECRAFT PROPULSION

ROVING VEHICLES

UF EXTRATERRESTRIAL ROVING VEHICLES
 GS SURFACE VEHICLES
ROVING VEHICLES
 LUNAR ROVING VEHICLES
 LUNOKHOD LUNAR ROVING
 VEHICLES
 RT PLANETARY LANDING
 PLANETARY SURFACES
 RESEARCH VEHICLES
 TOROIDAL WHEELS
 ∞ VEHICLES

∞ ROVINGS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPOSITE MATERIALS
 PROVING
 WEBS (SHEETS)
 YARNS

ROWLAND CIRCLES

RT GRATINGS (SPECTRA)
 OPTICAL FILTERS

RP-1 ROCKET PROPELLANTS

GS FUELS
 CHEMICAL FUELS
 HYDROCARBON FUELS
RP-1 ROCKET PROPELLANTS
 LIQUIDS
 LIQUID FUELS
 LIQUID ROCKET PROPELLANTS
RP-1 ROCKET PROPELLANTS
 PROPELLANTS
 ROCKET PROPELLANTS
 LIQUID ROCKET PROPELLANTS
RP-1 ROCKET PROPELLANTS
 STORABLE PROPELLANTS
RP-1 ROCKET PROPELLANTS
 RT JP-4 JET FUEL
 KEROSENE

RPV

USE REMOTELY PILOTED VEHICLES

RTV-40 RUBBER (TRADEMARK)

GS RUBBER
 SILICONE RUBBER
RTV-40 RUBBER (TRADEMARK)
 SYNTHETIC RUBBERS
RTV-40 RUBBER (TRADEMARK)

RTV-60 RUBBER (TRADEMARK)

GS RUBBER
 SILICONE RUBBER
RTV-60 RUBBER (TRADEMARK)
 SYNTHETIC RUBBERS
RTV-60 RUBBER (TRADEMARK)

RUANDA-URUNDI

USE BURUNDI
 RWANDA

RUBBER

GS RUBBER
 ADIPRENE (TRADEMARK)

RUBBER COATINGS

RUBBER-(CONT)

LATEX
SILICONE RUBBER
RTV-40 RUBBER (TRADEMARK)
RTV-60 RUBBER (TRADEMARK)
SYNTHETIC RUBBERS
BUNA (TRADEMARK)
ELASTOMERS
CHLOROPRENE RESINS
THIOPLASTICS
VITON RUBBER (TRADEMARK)
VULCANIZED ELASTOMERS
RTV-40 RUBBER (TRADEMARK)
RTV-60 RUBBER (TRADEMARK)
RT GUAYULE
GUMS (SUBSTANCES)
ORGANIC MATERIALS
POLYISOPRENES

RUBBER COATINGS

GS COATINGS
RT RUBBER COATINGS
PAINTS
PROTECTIVE COATINGS

RUBIDIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIDIUM COMPOUNDS

RT ∞ALKALI METAL COMPOUNDS
∞CHEMICAL COMPOUNDS
∞METAL COMPOUNDS

RUBIDIUM ISOTOPES

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
NUCLIDES
ISOTOPES
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIDIUM 86

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
RUBIDIUM 86
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIS ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
RUBIS ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

RUBY

RT ALUMINUM OXIDES
CRYSTALS

RUBY LASERS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SOLID STATE LASERS
RUBY LASERS
STIMULATED EMISSION DEVICES
LASERS
SOLID STATE LASERS
RUBY LASERS

RUBY LASERS-(CONT)

RT PULSED LASERS
Q SWITCHED LASERS
VERNEUIL PROCESS

RUDDERS

GS CONTROL SURFACES
RUDDERS
MARINE RUDDERS
RT AIRFOILS
FINS
PINTLES
STABILIZERS (FLUID DYNAMICS)
SWEEPBACK TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

RUGGEDNESS

RT DURABILITY
∞HIGH RESISTANCE
MECHANICAL PROPERTIES
PHYSIOLOGY
∞RIGIDITY

RULER METHOD

RT ∞METHODOLOGY

RULES

GS RULES
FLIGHT RULES
INSTRUMENT FLIGHT RULES
VISUAL FLIGHT RULES
PALMGREN-MINER RULE
PHASE RULE
SELECTION RULES (NUCLEAR PHYSICS)
SUM RULES
WHITHAM RULE
RT LAWS
PATENT POLICY
POLICIES
PROCUREMENT POLICY
REGULATIONS
SEA LAW

RUMANIA

USE ROMANIA

RUN TIME (COMPUTERS)

RT COMPUTER PROGRAMMING
COMPUTERS
TIME SHARING

RUNGE-KUTTA METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
REAL VARIABLES
MEASURE AND INTEGRATION
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
RT ∞METHODOLOGY

RUNNING

RT ∞OPERATIONS
PHYSICAL EXERCISE

RUNOFFS

USE DRAINAGE

RUNWAY ALIGNMENT

SN (ALIGNMENT WITH RUNWAYS--NOT ALIGNMENT OF RUNWAYS)
RT AIRCRAFT LANDING
TAKEOFF RUNS

RUNWAY CONDITIONS

GS CONDITIONS
RUNWAY CONDITIONS
RT ICE
RUNWAYS
SLUSH
SURFACE ROUGHNESS
WATER
WEATHER

RUNWAY LIGHTS

GS LANDING AIDS
AIRPORT LIGHTS
RUNWAY LIGHTS
LIGHTING EQUIPMENT

NASA THESAURUS (VOLUME 1)

RUNWAY LIGHTS-(CONT)

LUMINAIRES
AIRPORT LIGHTS
RUNWAY LIGHTS
RT APPROACH CONTROL
∞FLARES
∞MARKERS
RUNWAYS
SEARCHLIGHTS
VISUAL CONTROL

RUNWAYS

RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
LANDING
LANDING AIDS
LANDING MATS
LANDING SITES
PAVEMENTS
RUNWAY CONDITIONS
RUNWAY LIGHTS
∞STRIP
TAKEOFF
TAXIING

RUPTURING

RT ∞BLISTERS
BURSTS
CRACKING (FRACTURING)
DISRUPTING
FAILURE
FRACTURE MECHANICS
METAL FATIGUE
SELF SEALING
STRUCTURAL STRAIN
TEARING

RURAL AREAS

RT AGRICULTURE
FARMLANDS
GRASSLANDS
LAND
MEGALOPOLISES
RANGELANDS
REGIONAL PLANNING
RESIDENTIAL AREAS
SUBURBAN AREAS
WILDERNESS

RURAL LAND USE

GS LAND USE
RURAL LAND USE
RT AGRICULTURE
CONSERVATION
∞DEVELOPMENT
EARTH RESOURCES
FARMLANDS
GRASSLANDS
GRAZING
GREAT PLAINS CORRIDOR (NORTH AMERICA)
LAND
LAND MANAGEMENT
ORCHARDS
RANGELANDS
REGIONAL PLANNING
SITES

RUST FUNGI

UF RUSTS (BOTANY)
GS FUNGI
RUST FUNGI
RT BLIGHT
∞MOLD
PARASITIC DISEASES

RUSTING

GS CHEMICAL REACTIONS
OXIDATION
RUSTING
CORROSION
RUSTING
RT ATMOSPHERIC EFFECTS
CHEMICAL ATTACK
COATINGS
CORROSION RESISTANCE
DEGRADATION
DESENSITIZING
DETERIORATION
HOT CORROSION
METAL-WATER REACTIONS
OXIDATION RESISTANCE
PASSIVITY
SCALE (CORROSION)
WEATHERING

RUSTS (BOTANY)
USE RUST FUNGI

RUTHENIUM
GS CHEMICAL ELEMENTS
RUTHENIUM
RUTHENIUM ISOTOPES
METALS
NOBLE METALS
RUTHENIUM
RUTHENIUM ISOTOPES
TRANSITION METALS
RUTHENIUM
RUTHENIUM ISOTOPES

RUTHENIUM ALLOYS
GS ALLOYS
RUTHENIUM ALLOYS

RUTHENIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
TRANSITION METALS

RUTHENIUM ISOTOPES
UF RUTHENIUM 106
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RUTHENIUM ISOTOPES
RUTHENIUM
RUTHENIUM ISOTOPES
METALS
NOBLE METALS
RUTHENIUM
RUTHENIUM ISOTOPES
TRANSITION METALS
RUTHENIUM
RUTHENIUM ISOTOPES

RUTHENIUM 106
USE RUTHENIUM ISOTOPES

RUTILE
GS CHALCOGENIDES
OXIDES
METAL OXIDES
TITANIUM OXIDES
RUTILE
TITANIUM COMPOUNDS
TITANIUM OXIDES
RUTILE
RT ANATASE
COESITE
CROSS RELAXATION
MINERALS
PIGMENTS
STISHOVITE

RWANDA
UF RUANDA-URUNDI
GS NATIONS
RWANDA
RT AFRICA
BURUNDI

RYAN AIRCRAFT
UF RYAN MILITARY AIRCRAFT
GS RYAN AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
X-13 AIRCRAFT
XC-142 AIRCRAFT
XV-5 AIRCRAFT
XV-8A AIRCRAFT
RT ∞ AIRCRAFT

RYAN MILITARY AIRCRAFT
USE RYAN AIRCRAFT

RYDBERG SERIES
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
RYDBERG SERIES
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H LINES
HYDROGEN

RSD AIRCRAFT
USE C-54 AIRCRAFT

R7V AIRCRAFT
USE C-121 AIRCRAFT
EC-121 AIRCRAFT

S

S BAND
USE SUPERHIGH FREQUENCIES
ULTRAHIGH FREQUENCIES

S CURVES
GS GEOMETRY
CURVES (GEOMETRY)
S CURVES
GOMPERTZ CURVES
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
S CURVES
GOMPERTZ CURVES

S GLASS
GS GLASS
E GLASS
S GLASS
RT COMPOSITE MATERIALS
GLASS FIBER REINFORCED PLASTICS
GLASS FIBERS
SILICON DIOXIDE

S MATRIX THEORY
UF SCATTERING MATRIX
RT OPERATORS (MATHEMATICS)
SCATTERING CROSS SECTIONS
 ∞ THEORIES

S STARS
GS CELESTIAL BODIES
STARS
S STARS
GIANT STARS
RED GIANT STARS
CARBON STARS
RT M STARS

S WAVES
UF SECONDARY WAVES
SHEAR DISTURBANCES
SHEAR WAVES
GS ELASTIC WAVES
S WAVES
RT CRUSTAL FRACTURES
DILATATIONAL WAVES
P WAVES
POLARIZED ELASTIC WAVES
RAYLEIGH WAVES
SEISMIC WAVES
SURFACE WAVES
TRANSVERSE WAVES

S-A-W DEVICES
USE SURFACE ACOUSTIC WAVE DEVICES

S-N DIAGRAMS
UF FATIGUE DIAGRAMS
DIAGRAMS
GS S-N DIAGRAMS
BENDING FATIGUE
CYCLIC LOADS
FATIGUE (MATERIALS)
FATIGUE LIFE
FATIGUE TESTS
METAL FATIGUE
STRESS ANALYSIS
STRESS CYCLES
STRESS MEASUREMENT
STRESS RATIO

S-2 AIRCRAFT
UF SNOW AERIAL APPLICATOR AIRCRAFT
S-2B
SNOW S-2 AIRCRAFT
US-2A AIRCRAFT
MONOPLANES
GS S-2 AIRCRAFT
SNOW AIRCRAFT
S-2 AIRCRAFT
UTILITY AIRCRAFT
S-2 AIRCRAFT
RT ∞ AIRCRAFT

S-3 AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
S-3 AIRCRAFT
RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

S-3 SATELLITE
USE EXPLORER 12 SATELLITE

S-6 SATELLITE
USE EXPLORER 17 SATELLITE

S-16 SATELLITE
USE OSO-1

S-17 SATELLITE
USE OSO-2

S-18 SATELLITE
USE OAO

S-27 SATELLITE
USE ALOUETTE 1 SATELLITE

S-49 SATELLITE
USE OGO-A

S-50 SATELLITE
USE OGO-C

S-51 SATELLITE
USE ARIEL 1 SATELLITE

S-52' SATELLITE
USE ARIEL 2 SATELLITE

S-57 SATELLITE
USE OSO-C

S-58 HELICOPTER
UF SIKORSKY S-58 HELICOPTER
GS SIKORSKY AIRCRAFT
S-58 HELICOPTER
TRANSPORT AIRCRAFT
S-58 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
S-58 HELICOPTER
RT CH-34 HELICOPTER
UH-34 HELICOPTER

S-61 HELICOPTER
UF SIKORSKY S-61 HELICOPTER
GS SIKORSKY AIRCRAFT
S-61 HELICOPTER
TRANSPORT AIRCRAFT
S-61 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
S-61 HELICOPTER
RT ANTISUBMARINE WARFARE AIRCRAFT
CH-3 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
WATER TAKEOFF AND LANDING
AIRCRAFT

S-64 HELICOPTER
USE CH-54 HELICOPTER

S-66 SATELLITE
USE BEACON EXPLORER A

S-67 HELICOPTER
UF SIKORSKY S-67 HELICOPTER
GS SIKORSKY AIRCRAFT
S-67 HELICOPTER

S-74 SATELLITE
USE EXPLORER 18 SATELLITE

SA-321 HELICOPTER
UF SUD AVIATION SA-321 HELICOPTER
GS SUD AVIATION AIRCRAFT
SA-321 HELICOPTER

SA-330 HELICOPTER
UF SUD AVIATION SA-330 HELICOPTER
GS SUD AVIATION AIRCRAFT

SAAB AIRCRAFT

SA-330 HELICOPTER-(CONT)

ALOUETTE HELICOPTERS
SA-330 HELICOPTER
TRANSPORT AIRCRAFT
SA-330 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
MILITARY HELICOPTERS
SA-330 HELICOPTER

SAAB AIRCRAFT

GS SAAB AIRCRAFT
SAAB 37 AIRCRAFT
SAAB 105 AIRCRAFT
RT ∞ AIRCRAFT

SAAB 37 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
SAAB 37 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
SAAB 37 AIRCRAFT
SAAB AIRCRAFT
SAAB 37 AIRCRAFT
SUPERSONIC AIRCRAFT
SAAB 37 AIRCRAFT
RT ∞ AIRCRAFT
CANARD CONFIGURATIONS
HARRIER AIRCRAFT

SAAB 105 AIRCRAFT

GS JET AIRCRAFT
TURBOFAN AIRCRAFT
SAAB 105 AIRCRAFT
LIGHT AIRCRAFT
SAAB 105 AIRCRAFT
MONOPLANES
SAAB 105 AIRCRAFT
SAAB AIRCRAFT
SAAB 105 AIRCRAFT
UTILITY AIRCRAFT
SAAB 105 AIRCRAFT
RT ∞ AIRCRAFT
PASSENGER AIRCRAFT

SABATIER REACTION

GS CHEMICAL REACTIONS
SABATIER REACTION
RT PHOTOGRAPHIC FILM

SABOT PROJECTILES

GS PROJECTILES
SABOT PROJECTILES
RT ARTILLERY
FRAGMENTATION
GUN LAUNCHERS
GUNS (ORDNANCE)

SABOTAGE

RT ACCIDENTS
AIR DEFENSE
DAMAGE
DEACTIVATION
DISASTERS
HAZARDS
INJURIES
PREVENTION
SAFETY
SPACE LAW
WRECKAGE

SABRE AIRCRAFT

USE F-86 AIRCRAFT

SABRELINER AIRCRAFT

USE T-39 AIRCRAFT

SACCADIC EYE MOVEMENTS

GS EYE MOVEMENTS
SACCADIC EYE MOVEMENTS
RT FOVEA
∞ MOTION
VISUAL FIELDS

SACCHARIDES

USE CARBOHYDRATES

SACCHAROMYCES

GS FUNGI
SACCHAROMYCES

SACRAMENTO VALLEY (CA)

GS VALLEYS
SACRAMENTO VALLEY (CA)
RT CALIFORNIA
RIVER BASINS

SADDLE POINTS

GS SADDLE POINTS
SADDLE POINTS (GAME THEORY)
RT CURVE FITTING
GAME THEORY
MINIMAX TECHNIQUE

SADDLE POINTS (GAME THEORY)

GS GAME THEORY
SADDLE POINTS (GAME THEORY)
SADDLE POINTS
SADDLE POINTS (GAME THEORY)
RT OPERATIONS RESEARCH
SADDLES
∞ THEORIES

SADDLES

RT SADDLE POINTS (GAME THEORY)

SADDLES (SUPPORTS)

GS STRUCTURAL MEMBERS
SADDLES (SUPPORTS)
SUPPORTS
SADDLES (SUPPORTS)

SAFEGUARD SYSTEM

GS WEAPON SYSTEMS
MISSILE SYSTEMS
SAFEGUARD SYSTEM
RT ANTIMISSILE DEFENSE
BALLISTIC MISSILES
MILITARY TECHNOLOGY
MISSILE DEFENSE
SENTINEL SYSTEM
∞ SYSTEMS

SAFETY

GS SAFETY
AEROSPACE SAFETY
AIRCRAFT SAFETY
FLIGHT SAFETY
INDUSTRIAL SAFETY
RANGE SAFETY
REACTOR SAFETY
RT ACCIDENT PREVENTION
ACCIDENTS
AIR BAG RESTRAINT DEVICES
CRASHES
∞ DETECTORS
EMERGENCY LIFE SUSTAINING
SYSTEMS
ENERGY POLICY
EXPLOSIONS
FIRE PREVENTION
FIREPROOFING
FIRES
HAZARDS
PREVENTION
PROTECTION
SABOTAGE
∞ STORAGE
VORTEX AVOIDANCE
WARNING
WARNING SYSTEMS

SAFETY DEVICES

GS SAFETY DEVICES
ABORT APPARATUS
AIR BAG RESTRAINT DEVICES
ARRESTING GEAR
EJECTION SEATS
FLYING EJECTION SEATS
ESCAPE CAPSULES
ESCAPE ROCKETS
HELMETS
SEAT BELTS
SPACE SUITS
RT ACCIDENT PREVENTION
ACCIDENT PRONENESS
ACCIDENTS
AIRCRAFT SAFETY
AMBULANCES
ANTISKID DEVICES
AUTOMOBILE ACCIDENTS
∞ BARRIERS
CHEMICAL DEFENSE
DEFLECTORS
∞ DEVICES

NASA THESAURUS (VOLUME 1)

SAFETY DEVICES-(CONT)

EMERGENCY LIFE SUSTAINING
SYSTEMS
ENCLOSURES
∞ EQUIPMENT
FAIL-SAFE SYSTEMS
FIRE PREVENTION
FLAME DEFLECTORS
FLIGHT SAFETY
GATES (OPENINGS)
GUARDS (SHIELDS)
HARNESSES
HAZARDS
HUMAN FACTORS ENGINEERING
LANDING AIDS
PRESSURE SUITS
PROTECTION
PROTECTIVE CLOTHING
PROTECTOR
RADIATION MEASURING INSTRUMENTS
RADIATION SHIELDING
SHIELDING
SMOKE DETECTORS
SPACECRAFT SHIELDING
WARNING
WARNING SYSTEMS

SAFETY FACTORS

RT ACCIDENT PRONENESS
AEROSPACE SAFETY
DESIGN ANALYSIS
ESCAPE SYSTEMS
HAZARDS
HEALTH PHYSICS
RELIABILITY
STABILITY

SAFETY MANAGEMENT

GS MANAGEMENT
SAFETY MANAGEMENT
RT ACCIDENT PREVENTION
AEROSPACE SAFETY
EDUCATION
FAIL-SAFE SYSTEMS
FIRE PREVENTION
GUARDS (SHIELDS)
HAZARDS
HUMAN FACTORS ENGINEERING
PRODUCTION MANAGEMENT
WARNING SYSTEMS

SAGE AIR DEFENSE SYSTEM

GS AIR DEFENSE
SAGE AIR DEFENSE SYSTEM
RT ∞ SYSTEMS

SAGE SATELLITE

UF STRATOSPHERIC AEROSOL & GAS
EXPERIMENT
GS SATELLITES
ARTIFICIAL SATELLITES
SAGE SATELLITE
RT AEROSOLS
OZONE

SAGINAW BAY (MI)

GS BAYS (TOPOGRAPHIC FEATURES)
SAGINAW BAY (MI)
RT INLETS (TOPOGRAPHY)
LAKE HURON
MICHIGAN
RIVER BASINS

SAGITTARIUS CONSTELLATION

GS CONSTELLATIONS
SAGITTARIUS CONSTELLATION

SAGNAC EFFECT

GS PHASE SHIFT
SAGNAC EFFECT
RT ANGULAR VELOCITY
FIBER OPTICS
INTERFEROMETERS
INTERFEROMETRY
LASER GYROSCOPES
LASER INTERFEROMETRY
LIGHT TRANSMISSION
NONLINEAR OPTICS
OPTICAL GYROSCOPES
OPTICAL PATHS
WAVE PROPAGATION

SAHA EQUATIONS

RT ARC HEATING
ELECTRIC ARCS

SAHA EQUATIONS-(CONT)

∞ EQUATIONS
ION DENSITY (CONCENTRATION)
IONIZATION POTENTIALS
TEMPERATURE

SAHARA DESERT (AFRICA)

GS LAND
DESERTS
SAHARA DESERT (AFRICA)
RT AFRICA
ARID LANDS
BARREN LAND
DESERTIFICATION
DUNES
REMOTE REGIONS

SAIL PROJECT

UF SHUTTLE AVIONICS INTEGRATION
LABORATORY
GS PROGRAMS
NASA PROGRAMS
SAIL PROJECT
NASA SPACE PROGRAMS
SAIL PROJECT
PROJECTS
SAIL PROJECT
RT EARTH VIEWING APPLICATIONS
LABORATORY
LABORATORIES
SPACE LABORATORIES
SPACE SHUTTLES

SAILPLANES

USE GLIDERS

SAILS

GS SAILS
SAILWINGS
SOLAR SAILS
RT FINS
GLIDERS
TAIL ASSEMBLIES

SAILWINGS

UF PRINCETON SAILWINGS
GS FOLDING STRUCTURES
SAILWINGS
SAILS
SAILWINGS
RT GLIDERS
HANG GLIDERS
KA-6 SAILPLANES

SAINT ELMO FIRE

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
SAINT ELMO FIRE
RT FIRES

SAINT VENANT FLEXURE PROBLEM

USE SAINT VENANT PRINCIPLE

SAINT VENANT PRINCIPLE

UF SAINT VENANT FLEXURE PROBLEM
ST VENANT FLEXURE PROBLEM
RT PLASTIC DEFORMATION
STATIC DEFORMATION
STATIC LOADS
STRESS ANALYSIS
STRESS CONCENTRATION
TEMPERATURE INVERSIONS

SALICYLATES

GS SALICYLATES
SODIUM SALICYLATES
RT ACETYSALICYLIC ACID
DRUGS
ESTERS

SALINITY

GS CHEMICAL PROPERTIES
SALINITY
RT ALKALINITY
BRINES
CORE SAMPLING
DESALINIZATION
OCEAN CURRENTS
OCEANOGRAPHIC PARAMETERS
SEA WATER

SALIVA

GS BODY FLUIDS
SALIVA

SALIVA-(CONT)

RT DIGESTIVE SYSTEM
MUCUS
SALIVARY GLANDS

SALIVARY GLANDS

UF PAROTID GLAND
GS ANATOMY
GLANDS (ANATOMY)
SALIVARY GLANDS
RT MOUTH
SALIVA

SALMONELLA

GS MICROORGANISMS
BACTERIA
SALMONELLA

SALT BATHS

GS BATHS
SALT BATHS
RT BRINES
HEAT TREATMENT
MOLTEN SALTS

SALT BEDS

GS LANDFORMS
BEDS (GEOLOGY)
SALT BEDS
RT BRINES
BROMIDES
CHLORIDES
FLATS (LANDFORMS)
SODIUM CHLORIDES

SALT FLATS

USE FLATS (LANDFORMS)

SALT SPRAY TESTS

GS CHEMICAL TESTS
SALT SPRAY TESTS
ENVIRONMENTAL TESTS
CORROSION TESTS
SALT SPRAY TESTS
RT CORROSION
CORROSION RESISTANCE
SPRAY INGESTION
STRESS CORROSION
∞ TESTS

SALTON SEA (CA)

GS SEAS
SALTON SEA (CA)
RT CALIFORNIA
PACIFIC OCEAN

∞ SALTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT HALITES
INORGANIC COMPOUNDS
MOLTEN SALTS
ORGANIC CHARGE TRANSFER SALTS
ORGANIC COMPOUNDS
SODIUM CHLORIDES
SULFONATES

SALYUT SPACE STATION

GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SALYUT SPACE STATION
SOVIET SPACECRAFT
SALYUT SPACE STATION
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
SALYUT SPACE STATION
RT SOYUZ SPACECRAFT
SPACE BASES
SPACE LABORATORIES
SPACECRAFT DOCKING
U S S R SPACE PROGRAM

SAMARITAN AIRCRAFT

USE C-131 AIRCRAFT

SAMARIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
SAMARIUM
SAMARIUM ISOTOPES
METALS

SAMARIUM-(CONT)

RARE EARTH ELEMENTS
SAMARIUM
SAMARIUM ISOTOPES

SAMARIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
SAMARIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

SAMARIUM ISOTOPES

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
SAMARIUM
SAMARIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
SAMARIUM
SAMARIUM ISOTOPES

SAMOA

GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
SAMOA

SAMOS

GS SATELLITES
SAMOS

SAMPLED DATA

USE DATA SAMPLING

SAMPLED DATA SYSTEMS

USE DATA SAMPLING

SAMPLERS

UF BOMBS (SAMPLERS)
SAMPLING DEVICES
RT ∞ BOMBS
CORE SAMPLING
SAMPLES
SAMPLING
SELECTORS
∞ TEST EQUIPMENT

SAMPLES

GS SAMPLES
MARS SURFACE SAMPLES
RT ACCEPTABILITY
SAMPLERS
SAMPLING
SPECIMENS

SAMPLING

GS SAMPLING
AIR SAMPLING
CORE SAMPLING
DATA SAMPLING
PARTICULATE SAMPLING
RANDOM SAMPLING
RT ALLOWANCES
ASSAYING
BAYES THEOREM
CENSORED DATA (MATHEMATICS)
CHEMICAL ANALYSIS
CHEMICAL TESTS
COLLECTION
CONCENTRATION (COMPOSITION)
CONFIDENCE LIMITS
COUNTING
ESTIMATING
EXPLORATION
GLOBAL AIR SAMPLING PROGRAM
HETEROGENEITY
HOMOGENEITY
INSPECTION
INVESTIGATION
PROBABILITY THEORY
PROCESS CONTROL (INDUSTRY)
QUALITY CONTROL
RANDOM ERRORS
RELIABILITY
SAMPLERS
SAMPLES
SELECTION
SEQUENTIAL ANALYSIS
SPECIMENS
STANDARDS
STATISTICAL ANALYSIS
∞ STATISTICS
SWEEP CIRCUITS
∞ TESTS

SAMPLING DEVICES

SAMPLING-(CONT)

VARIABILITY
WEIBULL DENSITY FUNCTIONS

SAMPLING DEVICES

USE SAMPLERS

SAN ANDREAS FAULT

GS GEOLOGICAL FAULTS
SAN ANDREAS FAULT
RT CALIFORNIA
CRUSTAL FRACTURES
EARTH CRUST
EARTHQUAKES
MEXICO

SAN ANDREAS FAULT EXPERIMENT

RT EARTHQUAKES
GEOLOGICAL FAULTS

SAN FRANCISCO (CA)

GS CITIES
SAN FRANCISCO (CA)
RT CALIFORNIA

SAN FRANCISCO BAY (CA)

GS BAYS (TOPOGRAPHIC FEATURES)
SAN FRANCISCO BAY (CA)
RT CALIFORNIA
PACIFIC OCEAN
SAN PABLO BAY (CA)

SAN JOAQUIN VALLEY (CA)

GS VALLEYS
SAN JOAQUIN VALLEY (CA)
RT CALIFORNIA
RIVER BASINS

SAN JUAN MOUNTAINS (CO)

GS LANDFORMS
MOUNTAINS
SAN JUAN MOUNTAINS (CO)
RT COLORADO

SAN MARCO SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SAN MARCO SATELLITES
SAN MARCO 1 SATELLITE
SAN MARCO 2 SATELLITE
SAN MARCO 3 SATELLITE
RT SCOUT LAUNCH VEHICLE

SAN MARCO 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SAN MARCO SATELLITES
SAN MARCO 1 SATELLITE

SAN MARCO 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SAN MARCO SATELLITES
SAN MARCO 2 SATELLITE

SAN MARCO 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SAN MARCO SATELLITES
SAN MARCO 3 SATELLITE

SAN MARINO

GS NATIONS
SAN MARINO
RT EUROPE
ITALY

SAN PABLO BAY (CA)

GS BAYS (TOPOGRAPHIC FEATURES)
SAN PABLO BAY (CA)
RT CALIFORNIA
SAN FRANCISCO BAY (CA)

SAND CASTING

GS FORMING TECHNIQUES
CASTING
SAND CASTING
RT MOLDING MATERIALS
SANDS

SAND DUNES

USE DUNES

SAND HILLS REGION (GA-NC-SC)

GS REGIONS
SAND HILLS REGION (GA-NC-SC)
RT GEORGIA
NORTH CAROLINA
SOUTH CAROLINA

SAND HILLS REGION (NE)

GS REGIONS
SAND HILLS REGION (NE)
RT NEBRASKA

SANDPIPER TARGET MISSILE

GS MISSILE CONFIGURATIONS
SANDPIPER TARGET MISSILE
MISSILES
SANDPIPER TARGET MISSILE
RT DRONE VEHICLES
TARGETS

SANDS

GS SEDIMENTS
SANDS
MONAZITE SANDS
TAR SANDS
SOILS
SANDS
MONAZITE SANDS
TAR SANDS
RT AGGREGATES
ALLUVIUM
AQUIFERS
DELTA
DUNES
DUST
EARTH RESOURCES
FANS (LANDFORMS)
GRAVELS
GRIT
ILMENITE
LITTORAL DRIFT
LITTORAL TRANSPORT
MOLDING MATERIALS
POROUS MATERIALS
QUARTZ
RAIN EROSION
REEFS
SAND CASTING
SANDSTONES
SEDIMENTARY ROCKS
SILICA GLASS
SILICON DIOXIDE

SANDSTONES

GS ROCKS
SANDSTONES
SEDIMENTARY ROCKS
SANDSTONES
RT EARTH RESOURCES
SANDS
SCHIST
SOILS

SANDWICH CONSTRUCTION

USE SANDWICH STRUCTURES

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GS ALUMINUM COMPOUNDS
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GS OBSERVATORIES
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GS ANTENNAS
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ATMOSPHERIC COMPOSITION
ATMOSPHERIC PHYSICS
EARTH ATMOSPHERE
IONOSPHERE
IONOSPHERIC COMPOSITION
MAGNETOPAUSE
MAGNETOSPHERE
NATURAL SATELLITES
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STELLAR ATMOSPHERES
TITAN
TRITON
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∞ CONTROL
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GRAVITY GRADIENT SATELLITES
JET CONTROL
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LONGITUDINAL CONTROL
MARQUARDT R4D ENGINE
THREE AXIS STABILIZATION
TRANSIT ATTITUDE CONTROL
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RT DOPPLER EFFECT
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DOPPLER RADAR
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GEODETIC ACCURACY
GEODETIC COORDINATES
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POLYSTATION DOPPLER TRACKING
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GS GUIDANCE (MOTION)
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RT AUTOMATIC CONTROL
INERTIAL GUIDANCE
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REENTRY GUIDANCE
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HET EXPERIMENT
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RT DISCOS (SATELLITE ATTITUDE
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SCHACH EFFECT
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ROTATION
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SPIN REDUCTION
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GS ENERGY CONVERSION
**SATELLITE SOLAR ENERGY
CONVERSION**
RT ∞ CONVERSION
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MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

SATELLITE SOLAR POWER STATIONS

RT ENERGY CONVERSION
MICROWAVE TRANSMISSION
MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

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GS SOUNDING
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IONOSPHERIC SOUNDING
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 EXPLORERS
 INTERNATIONAL SUN EARTH
 EXPLORER 1
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 INTERNATIONAL SUN EARTH
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 OSO
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 ISIS-A
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 LANDSAT E
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 LANDSAT 1
 LANDSAT 2
 LANDSAT 3
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 LINCOLN EXPERIMENTAL SATELLITES
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 LUNAR ORBITER 1
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 MARISAT SATELLITES
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 MARITIME SATELLITES
 ERS-1 (ESA SATELLITE)
 MARECS MARITIME SATELLITES
 MAROTS (ESA)
 METEOROLOGICAL SATELLITES
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 COSMOS 144 SATELLITE
 D-2 SATELLITES
 ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE
 ELEKTRON 2 SATELLITE
 ELEKTRON 4 SATELLITE
 EOLE SATELLITES
 ESSA SATELLITES
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 EXPLORER 19 SATELLITE
 GEOLE SATELLITES
 METEOSAT SATELLITE
 NIMBUS SATELLITES
 NIMBUS 1 SATELLITE
 NIMBUS 2 SATELLITE
 NIMBUS 3 SATELLITE
 NIMBUS 4 SATELLITE
 NIMBUS 5 SATELLITE
 NIMBUS 6 SATELLITE
 NIMBUS 7 SATELLITE
 NOAA SATELLITES
 NOAA 2 SATELLITE
 NOAA 3 SATELLITE
 NOAA 4 SATELLITE
 NOAA 5 SATELLITE
 NOAA 6 SATELLITE
 NOAA 7 SATELLITE
 NOAA 8 SATELLITE
 SAN MARCO SATELLITES
 SAN MARCO 1 SATELLITE
 SAN MARCO 2 SATELLITE
 SAN MARCO 3 SATELLITE
 SEOCs (SATELLITE)
 SIRS B SATELLITE
 SPUTNIK 1 SATELLITE
 SPUTNIK 2 SATELLITE
 SPUTNIK 3 SATELLITE
 SRET SATELLITES

SATURABLE REACTORS

SATELLITES-(CONT)

SRET 1 SATELLITE
SRET 2 SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
TIROS M
TIROS N SERIES SATELLITES
TIROS 1 SATELLITE
TIROS 2 SATELLITE
TIROS 3 SATELLITE
TIROS 4 SATELLITE
TIROS 5 SATELLITE
TIROS 6 SATELLITE
TIROS 7 SATELLITE
TIROS 8 SATELLITE
TIROS 9 SATELLITE
TIROS 10 SATELLITE
VANGUARD 2 SATELLITE
MIDAS SATELLITES
MIDAS 2 SATELLITE
MIDAS 3 SATELLITE
MIDAS 4 SATELLITE
MIDAS 5 SATELLITE
MIDAS 6 SATELLITE
MIDAS 7 SATELLITE
MULTISPECTRAL RESOURCE
SAMPLER
NAVIGATION SATELLITES
AEROSAT SATELLITES
EXPLORER 22 SATELLITE
NAVIGATION TECHNOLOGY
SATELLITES
NAVSTAR SATELLITES
NOVA SATELLITES
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
ORBITAL SPACE STATIONS
EOSS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
PAS
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
PEGASUS SATELLITES
POLYOT SATELLITES
ROSAT MISSION
SAGE SATELLITE
SARSAT
SCATHA SATELLITE
SCIENTIFIC SATELLITES
AMPTE (SATELLITES)
ASTRONOMICAL SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
AZUR SATELLITE
CANNONBALL 2 SATELLITE
DIAL SATELLITE
ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18

SATELLITES-(CONT)

INTASAT SATELLITE
EXOSAT SATELLITE
EXPLORER 45 SATELLITE
GRAVSAT SATELLITE
HAWKEYE SATELLITES
LZEEBE SATELLITE
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
ORBIS
ORBIS CAL SATELLITE
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV-5 SATELLITES
SMALL SCIENTIFIC SATELLITES
UK SATELLITES
UK 4 SATELLITE
SCORE SATELLITE
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SHUTTLE PALLET SATELLITES
SKYNET SATELLITES
SNAPSHOT SATELLITE
SOLAR POWER SATELLITES
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 14 SATELLITE
COSMOS 44 SATELLITE
COSMOS 54 SATELLITE
COSMOS 71 SATELLITE
COSMOS 110 SATELLITE
COSMOS 137 SATELLITE
COSMOS 144 SATELLITE
COSMOS 149 SATELLITE
COSMOS 166 SATELLITE
COSMOS 186 SATELLITE
COSMOS 188 SATELLITE
COSMOS 206 SATELLITE
COSMOS 213 SATELLITE
COSMOS 224 SATELLITE
COSMOS 225 SATELLITE
COSMOS 381 SATELLITE
COSMOS 954 SATELLITE
COSMOS 1129 SATELLITE
INTERCOSMOS SATELLITES
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
MOLNIYA SATELLITES
PROGNOZ SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 2 SATELLITE
PROTON 3 SATELLITE
PROTON 4 SATELLITE
RADUGA SATELLITE
SPUTNIK SATELLITES
SPUTNIK 1 SATELLITE
SPUTNIK 2 SATELLITE
SPUTNIK 3 SATELLITE
SPUTNIK 4 SATELLITE
SPUTNIK 5 SATELLITE
VENERA SATELLITES
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
SYNCHRONOUS SATELLITES
AEROS SATELLITE
AEROSAT SATELLITES
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
GOES SATELLITES
GOES 1
GOES 2
GOES 3
GOES 4
GOES 5
MIRANDA SATELLITE
SIRIO SATELLITE
STORMSAT SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1

SATELLITES-(CONT)

SMS 2
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
TD SATELLITES
TD-1 SATELLITE
TELSTAR SATELLITES
TELSTAR 1 SATELLITE
TELSTAR 2 SATELLITE
TETHERED SATELLITES
UHURU SATELLITE
VANGUARD SATELLITES
VANGUARD 1 SATELLITE
VANGUARD 2 SATELLITE
VANGUARD 3 SATELLITE
VELA SATELLITES
NATURAL SATELLITES
CHARON
DEIMOS
JUPITER SATELLITES
AMALTHEA
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
MOON
SATURN SATELLITES
DIONE
ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
RHEA (ASTRONOMY)
TETHYS
TITAN
TRITON
SAMOS
TDR SATELLITES
RT ∞ ASTRONAUTICS
CYLINDRICAL ANTENNAS
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS
FLEET SATELLITE COMMUNICATION
SYSTEM
FLEXIBLE SPACECRAFT
HALO ORBIT SPACE STATION
HET EXPERIMENT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
LUNAR SPACECRAFT
MANNED SPACECRAFT
MARK 1 SPACECRAFT
MILITARY SPACECRAFT
NATIONAL OCEANIC SATELLITE SYSTEM
NOESS
ORBITAL MANEUVERING VEHICLES
ORBITAL MECHANICS
ORBITS
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
SATELLITE NETWORKS
SATELLITE OBSERVATION
SATELLITE ORBITS
SATELLITE SOUNDING
SATELLITE TRACKING
SOLETTAS
SPACE CAPSULES
SPACE PROBES
SPACE STATIONS
SPACECRAFT LAUNCHING
SPIN STABILIZATION
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TELECONFERENCING
UNIDENTIFIED FLYING OBJECTS
UNMANNED SPACECRAFT
VIKING ORBITER SPACECRAFT

SATURABLE REACTORS

UF SR (REACTORS)
GS ELECTRIC REACTORS
SATURABLE REACTORS
RT MAGNET COILS
MAGNETIC AMPLIFIERS
MAGNETIC CIRCUITS
MAGNETIC CORES
MAGNETIC SWITCHING

NASA THESAURUS (VOLUME 1)

SATURABLE REACTORS-(CONT)

POWER REACTORS
TRANSFORMERS

SATURATED HYDROCARBONS

USE ALKANES

∞ SATURATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT CONCENTRATION (COMPOSITION)
CONDENSING
CROWDING
DESATURATION
PENETRATION
PERMEATING
PRECIPITATION (CHEMISTRY)
PRECIPITATION (METEOROLOGY)
UNSATURATION (CHEMISTRY)
WETTING

SATURATION (CHEMISTRY)

RT CHEMICAL BONDS

∞ CHEMISTRY
PRECIPITATION (CHEMISTRY)
UNSATURATION (CHEMISTRY)

∞ SATURN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT SATURN (PLANET)
SATURN PROJECT

SATURN (PLANET)

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
SATURN (PLANET)

RT DIONE
ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
PHOBOS
RHEA (ASTRONOMY)
∞ SATURN
TETHYS
TITAN

SATURN ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
SATURN ATMOSPHERE
RT ATMOSPHERIC COMPOSITION
PLANETARY RADIATION

SATURN D LAUNCH VEHICLE

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
RT RL-10-A 3 ENGINE

SATURN LAUNCH VEHICLES

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH VEHICLE
SATURN 1B LAUNCH VEHICLES
SATURN 2 LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE

SATURN LAUNCH VEHICLES-(CONT)

SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH
VEHICLE

SATURN 1B LAUNCH VEHICLES
SATURN 2 LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES

RT APOLLO PROJECT
F-1 ROCKET ENGINE
RL-10 ENGINES
∞ VEHICLES

SATURN PROJECT

GS PROGRAMS
NASA PROGRAMS
SATURN PROJECT
NASA SPACE PROGRAMS
SATURN PROJECT
PROJECTS
SATURN PROJECT
RT APOLLO APPLICATIONS PROGRAM
APOLLO SPACECRAFT
CENTAUR LAUNCH VEHICLE
LAUNCH VEHICLES
LUNAR LAUNCH
PEGASUS SATELLITES
RIFF (REACTOR IN FLIGHT TEST)
VOYAGER PROJECT

SATURN RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
SATURN RINGS
RT GAS GIANT PLANETS
JUPITER RINGS
NATURAL SATELLITES
PLANETARY ATMOSPHERES
PLANETARY COMPOSITION
PLANETARY SURFACES
PLANETARY TEMPERATURE
PLANETOLOGY
PLANETS
∞ RINGS
SOLAR SYSTEM
URANUS RINGS

SATURN S-1 STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-1 STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1B STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-1B STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1C STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-1C STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-2 STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-2 STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4 STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-4 STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4B STAGE

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-4B STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN SATELLITES

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
DIONE

SATURN 1 SA-3 LAUNCH VEHICLE

SATURN SATELLITES-(CONT)

ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
RHEA (ASTRONOMY)
TETHYS
TITAN

SATURN STAGES

GS ROCKET VEHICLES
SATURN STAGES
SATURN S-1 STAGE
SATURN S-1B STAGE
SATURN S-1C STAGE
SATURN S-2 STAGE
SATURN S-4 STAGE
SATURN S-4B STAGE
RT LIQUID PROPELLANT ROCKET ENGINES

SATURN WORKSHOPS

GS SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
RT AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
MULTIPLE DOCKING ADAPTERS
SKYLAB PROGRAM
SPACE STATIONS

SATURN 1 LAUNCH VEHICLES

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH VEHICLE
RT H-1 ENGINE
M-1 ENGINE

SATURN 1 SA-1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE

SATURN 1 SA-2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-2 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-2 LAUNCH VEHICLE

SATURN 1 SA-3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-3 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SATURN LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES

SATURN 1 SA-4 LAUNCH VEHICLE

SATURN 1 SA-3 LAUNCH VEHICLE-(CONT)
SATURN 1 SA-3 LAUNCH VEHICLE

SATURN 1 SA-4 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-4 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-4 LAUNCH VEHICLE

SATURN 1 SA-5 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-5 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-5 LAUNCH VEHICLE

SATURN 1 SA-6 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-6 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-6 LAUNCH VEHICLE

SATURN 1 SA-7 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-7 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-7 LAUNCH VEHICLE

SATURN 1 SA-8 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-8 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-8 LAUNCH VEHICLE

SATURN 1 SA-9 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-9 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-9 LAUNCH VEHICLE

SATURN 1 SA-10 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-10 LAUNCH VEHICLE
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-10 LAUNCH VEHICLE

SATURN 1 WORKSHOP
 GS SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SATURN 1B LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES

SATURN 1B LAUNCH VEHICLES-(CONT)
SATURN 1B LAUNCH VEHICLES
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 1B LAUNCH VEHICLES
 RT H-1 ENGINE
 J-2 ENGINE
 M-1 ENGINE
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4

SATURN 2 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 2 LAUNCH VEHICLES
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 2 LAUNCH VEHICLES

SATURN 5 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 SATURN LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 RT J-2 ENGINE
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4

SATURN 5 WORKSHOP
 GS SATURN WORKSHOPS
 SATURN 5 WORKSHOP
 RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SAUDI ARABIA
 GS NATIONS
 SAUDI ARABIA
 RT ASIA
 SAUDI ARABIAN SPACE PROGRAM

SAUDI ARABIAN SPACE PROGRAM
 GS PROGRAMS
 SPACE PROGRAMS
 SAUDI ARABIAN SPACE PROGRAM
 RT ARABSAT
 ARCOMSAT
 SAUDI ARABIA
 SPACE SHUTTLE MISSION 51-G

SAVAGE AIRCRAFT
 USE A-2 AIRCRAFT

SAVANNAH NUCLEAR SHIP
 GS SURFACE VEHICLES
 CARGO SHIPS
 SAVANNAH NUCLEAR SHIP
 NUCLEAR POWERED SHIPS
 SAVANNAH NUCLEAR SHIP
 WATER VEHICLES
 SHIPS
 CARGO SHIPS
 SAVANNAH NUCLEAR SHIP
 NUCLEAR POWERED SHIPS
 SAVANNAH NUCLEAR SHIP
 RT MARINE PROPULSION
 NUCLEAR PROPULSION

SAVANNAHS
 USE GRASSLANDS

SAWS
 GS CUTTERS
 SAWS
 TOOLS
 SAWS
 RT MACHINE TOOLS
 SHEARS

SAWTOOTH WAVEFORMS
 GS WAVEFORMS
 SAWTOOTH WAVEFORMS
 RT PULSE AMPLITUDE
 PULSE DURATION

NASA THESAURUS (VOLUME 1)

SAWTOOTH WAVEFORMS-(CONT.)
 SQUARE WAVES

SC-1 AIRCRAFT
 UF SHORT SC-1 AIRCRAFT
 GS JET AIRCRAFT
 SC-1 AIRCRAFT
 MONOPLANES
 SC-1 AIRCRAFT
 RESEARCH AIRCRAFT
 SC-1 AIRCRAFT
 TAILLESS AIRCRAFT
 SC-1 AIRCRAFT
 V/STOL AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 SC-1 AIRCRAFT
 RT ∞ AIRCRAFT

SC-5 AIRCRAFT
 UF BELFAST AIRCRAFT
 SHORT BELFAST C MK-1 AIRCRAFT
 SHORT SC-5 AIRCRAFT
 GS JET AIRCRAFT
 TURBOPROP AIRCRAFT
 SC-5 AIRCRAFT
 MONOPLANES
 SC-5 AIRCRAFT
 TRANSPORT AIRCRAFT
 SC-5 AIRCRAFT
 RT ∞ AIRCRAFT

SC-7 AIRCRAFT
 UF SHORT SC-7 AIRCRAFT
 SKYVAN AIRCRAFT
 TURBO-SKYVAN AIRCRAFT
 GS LIGHT AIRCRAFT
 SC-7 AIRCRAFT
 MONOPLANES
 SC-7 AIRCRAFT
 TRANSPORT AIRCRAFT
 SC-7 AIRCRAFT
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT
 PASSENGER AIRCRAFT

SCALAR MAGNETIC CHARGE
 USE MAGNETIC CHARGE DENSITY

SCALARS
 RT TENSOR ANALYSIS
 TENSORS

∞ **SCALE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT SCALE (CORROSION)
 SCALE (RATIO)
 TEMPERATURE SCALES
 WEIGHT INDICATORS

SCALE (CORROSION)
 GS CORROSION
 SCALE (CORROSION)
 RT CHEMICAL ATTACK
 DEGRADATION
 DESCALING
 HOT CORROSION
 PICKLING (METALLURGY)
 RUSTING
 ∞ SCALE
 ∞ SCALING

SCALE (RATIO)
 GS RATIOS
 SCALE (RATIO)
 RT MAPPING
 RETICLES
 ∞ SCALE

SCALE EFFECT
 RT ∞ EFFECTS
 FORCE DISTRIBUTION
 PARAMETERIZATION
 REYNOLDS NUMBER
 ∞ SCALING

SCALE HEIGHT *
 GS DIMENSIONS
 HEIGHT
 SCALE HEIGHT
 RT EARTH ATMOSPHERE
 GEOPOTENTIAL HEIGHT
 HEAD (FLUID MECHANICS)

- SCALE MODELS**
 GS MODELS
SCALE MODELS
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 REYNOLDS EQUATION
 SCALING LAWS
 SEMISPAN MODELS
 SIMILARITY THEOREM
 SIMILITUDE LAW
 SPACECRAFT MODELS
 WIND TUNNEL MODELS
- SCALERS**
 GS CIRCUITS
 COUNTING CIRCUITS
SCALERS
 RT TENSOR ANALYSIS
- SCALING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CALIBRATING
 ERRORS
 SCALE (CORROSION)
 SCALE EFFECT
 SCALING LAWS
- SCALING LAWS**
 GS LAWS
SCALING LAWS
 RT DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 SCALE MODELS
 SCALING
 SIMILARITY NUMBERS
 WIND TUNNEL CALIBRATION
- SCALLOPING**
 RT EDGES
 ELECTRON BEAMS
 TRAVELING WAVE TUBES
- SCANDINAVIA**
 RT DENMARK
 FINLAND
 NORWAY
 SWEDEN
- SCANDIUM**
 GS CHEMICAL ELEMENTS
 RARE EARTH ELEMENTS
SCANDIUM
 SCANDIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
SCANDIUM
 SCANDIUM ISOTOPES
 TRANSITION METALS
SCANDIUM
 SCANDIUM ISOTOPES
- SCANDIUM COMPOUNDS**
 GS RARE EARTH COMPOUNDS
SCANDIUM COMPOUNDS
 SCANDIUM OXIDES
 RT CHEMICAL COMPOUNDS
 GROUP 3B COMPOUNDS
 METAL COMPOUNDS
- SCANDIUM ISOTOPES**
 UF SCANDIUM 46
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
SCANDIUM ISOTOPES
 RARE EARTH ELEMENTS
SCANDIUM
 SCANDIUM ISOTOPES
 METALS
 RARE EARTH ELEMENTS
SCANDIUM
 SCANDIUM ISOTOPES
 TRANSITION METALS
SCANDIUM
 SCANDIUM ISOTOPES
- SCANDIUM OXIDES**
 GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
SCANDIUM OXIDES
 RARE EARTH COMPOUNDS
- SCANDIUM OXIDES-(CONT.)**
 SCANDIUM COMPOUNDS
 SCANDIUM OXIDES
- SCANDIUM 46**
 USE SCANDIUM ISOTOPES
- SCANNER PROJECT**
 GS PROGRAMS
 PROJECTS
SCANNER PROJECT
 RT HORIZON SCANNERS
 INFRARED SCANNERS
 OPTICAL EQUIPMENT
- SCANNERS**
 UF SCANNING DEVICES
 GS **SCANNERS**
 COASTAL ZONE COLOR SCANNER
 HORIZON SCANNERS
 INFRARED SCANNERS
 OPTICAL SCANNERS
 FLYING SPOT SCANNERS
 MULTISPECTRAL BAND SCANNERS
 ULTRASONIC SCANNERS
 RT CONICAL SCANNING
 OPTICAL DATA PROCESSING
 OPTICAL EQUIPMENT
 PANORAMIC SCANNING
 READING
 SCANNING
 SUBREFLECTORS
- SCANNING**
 GS **SCANNING**
 CONICAL SCANNING
 FREQUENCY SCANNING
 PANORAMIC SCANNING
 RADAR SCANNING
 RADAR TARGET SCATTER SITE
 PROGRAM
 RT EARTH RESOURCES
 EROS (SATELLITES)
 EXAMINATION
 MONITORS
 MULTISPECTRAL BAND SCANNERS
 RAPID BALLISTICS IDENTIFICATION
 READING
 SCANNERS
 SEARCHING
 SURVEILLANCE
 ULTRASONIC SCANNERS
- SCANNING DEVICES**
 USE SCANNERS
- SCANNING LASER ACOUSTIC MICROSCOPE (SLAM)**
 USE ACOUSTIC MICROSCOPES
- SCAPULA**
 GS ANATOMY
 MUSCULOSKELETAL SYSTEM
 BONES
SCAPULA
 RT ARM (ANATOMY)
 SHOULDERS
- SCAR PROGRAM**
 USE SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
- SCARFING**
 GS CUTTING
SCARFING
 RT CLEANING
 GRINDING (MATERIAL REMOVAL)
 METAL CUTTING
 SLICING
- SCARPS**
 USE ESCARPMENTS
- SCARS**
 GS TISSUES (BIOLOGY)
SCARS
- SCARS (GEOLOGY)**
 USE EROSION
- SCAT**
 USE SUPERSONIC COMMERCIAL AIR
 TRANSPORT
- SCATHA SATELLITE**
 UF P78-2 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
SCATHA SATELLITE
 RT CHARGING
 ELECTRIC CHARGE
 ELECTROMAGNETIC INTERFERENCE
 ELECTROSTATIC CHARGE
 ELECTROSTATIC PROBES
 ELECTROSTATIC SHIELDING
 HIGH ENERGY ELECTRONS
- SCATTER PLATES (OPTICS)**
 GS OPTICAL EQUIPMENT
SCATTER PLATES (OPTICS)
 RT BEAM SPLITTERS
 COHERENT LIGHT
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHY
 INTERFEROMETRY
 LIGHT SCATTERING
 OPTICS
 PLATES
- SCATTER PROPAGATION**
 GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
SCATTER PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 WAVE PROPAGATION
SCATTER PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 RT BACKSCATTERING
 FORWARD SCATTERING
 IONOSPHERIC PROPAGATION
 METEOR TRAILS
 RADIO RECEPTION
 RADIO SCATTERING
 RADIO TRANSMISSION
 RADIO WAVES
- SCATTERERS**
 USE SCATTERING
- SCATTERING**
 UF SCATTERERS
 GS **SCATTERING**
 BACKSCATTERING
 COHERENT SCATTERING
 COMPTON EFFECT
 ELASTIC SCATTERING
 ELECTRON SCATTERING
 CONFIGURATION INTERACTION
 ELECTRON RUNAWAY (PLASMA
 PHYSICS)
 FORWARD SCATTERING
 INCOHERENT SCATTERING
 INELASTIC SCATTERING
 INVERSE SCATTERING
 ION SCATTERING
 NUCLEAR SCATTERING
 NEUTRON SCATTERING
 RESONANCE SCATTERING
 NUCLEON-NUCLEON SCATTERING
 PROTON SCATTERING
 RADAR SCATTERING
 WAVE SCATTERING
 ACOUSTIC SCATTERING
 REVERBERATION
 ATMOSPHERIC SCATTERING
 TROPOSPHERIC SCATTERING
 ELECTROMAGNETIC SCATTERING
 IONOSPHERIC F-SCATTER
 PROPAGATION
 LIGHT SCATTERING
 HALOS
 MICROWAVE SCATTERING
 MIE SCATTERING
 RAYLEIGH SCATTERING
 RAMAN SPECTRA
 THOMSON SCATTERING
 X RAY SCATTERING
 RT ATOMIC COLLISIONS
 BISTATIC REFLECTIVITY
 CIRCUMSOLAR RADIATION
 COLLISION PARAMETERS
 COLLISIONS
 DEEP SCATTERING LAYERS
 DEFLECTION
 DIFFUSION
 DISPERSING

SCATTERING AMPLITUDE

NASA THESAURUS (VOLUME 1)

SCATTERING-(CONT)

ELECTROMAGNETIC RADIATION
ENCOUNTERS
HUYGENS PRINCIPLE
IMPINGEMENT
INCIDENT RADIATION
INELASTIC COLLISIONS
MEAN FREE PATH
PARTICLE COLLISIONS
POMERONS
REFLECTION
RELEASING
SCATTEROMETERS
SHOCK WAVE INTERACTION
SPREAD REFLECTION
SPREADING
SPRINKLING
STATISTICAL DISTRIBUTIONS
TRANSMITTANCE
WAVE DEGRADATION
WAVE DISPERSION
WAVE INTERACTION

SCATTERING AMPLITUDE

GS AMPLITUDES
SCATTERING AMPLITUDE
RT FADDEEV EQUATIONS
WAVE SCATTERING

SCATTERING COEFFICIENTS

GS COEFFICIENTS
SCATTERING COEFFICIENTS
RT ABSORPTIVITY
ATTENUATION COEFFICIENTS
FORM FACTORS

SCATTERING CROSS SECTIONS

RT ABSORPTION CROSS SECTIONS
BARYON RESONANCE
BORN APPROXIMATION
∞ CROSS SECTIONS
ELECTRON RUNAWAY (PLASMA PHYSICS)
IONIZATION CROSS SECTIONS
NEUTRON CROSS SECTIONS
POMERANCHUK THEOREM
POMERONS
RAMSAUER EFFECT
REGGE POLES
S MATRIX THEORY
STOPPING POWER

SCATTERING FUNCTIONS

RT FLUX DENSITY
∞ FUNCTIONS
RADIANT FLUX DENSITY

SCATTERING MATRIX

USE S MATRIX THEORY

SCATTEROMETERS

GS MEASURING INSTRUMENTS
SCATTEROMETERS
RT ∞ INSTRUMENTS
MICROWAVE SCATTERING
MICROWAVES
RADAR
RADAR SCATTERING
SCATTERING
WAVE SCATTERING

SCAVENGING

RT CLEANING
DEGASSING
DEOXIDIZING
PURIFICATION

SCCF

USE SOLAR CELL CALIBRATION FACILITY

SCENE ANALYSIS

GS DATA PROCESSING
OPTICAL DATA PROCESSING
SCENE ANALYSIS
RT CHANGE DETECTION
CHARACTER RECOGNITION
FEATURE IDENTIFICATION AND LOCATION EXPR
IMAGE ANALYSIS
IMAGERY
IMAGING TECHNIQUES
VIDEO LANDMARK ACQUISITION AND TRACKING

SCENEDESMUS

GS ALGAE
SCENEDESMUS

SCF

USE SELF CONSISTENT FIELDS

SCHACH EFFECT

RT CELESTIAL MECHANICS
∞ EFFECTS
ORBIT PERTURBATION
PERTURBATION
SATELLITE PERTURBATION

SCHAUDER FIXPOINT THEOREM

GS THEOREMS
SCHAUDER FIXPOINT THEOREM
RT COMPLEX VARIABLES
DIFFERENTIAL EQUATIONS

SCHEDULES

GS SCHEDULES
COUNTDOWN
RT CONTRACT MANAGEMENT
PRECISION
PREDICTIONS
PRODUCTION PLANNING
TIME
TIME LAG
TURNAROUND (STS)

SCHEDULING

GS SCHEDULING
PREDICTION ANALYSIS TECHNIQUES
RT CALENDARS
CONSECUTIVE EVENTS
CONTINUITY
∞ CONTROL
CROP CALENDARS
DECISION THEORY
FORECASTING
FORMALISM
LATENESS
MATHEMATICAL MODELS
MATRIX MANAGEMENT
MISSION PLANNING
OPTIMIZATION
PRODUCTION ENGINEERING
QUALITY CONTROL
SEQUENCING
TASK COMPLEXITY
TASKS
TIME SERIES ANALYSIS

SHEELITE

GS CALCIUM COMPOUNDS
SHEELITE
CHALCOGENIDES
OXIDES
METAL OXIDES
TUNGSTEN OXIDES
SHEELITE
MINERALS
SHEELITE
TUNGSTEN COMPOUNDS
TUNGSTEN OXIDES
SHEELITE

SCHUNKUNOFF PRINCIPLE

RT ANTENNA RADIATION PATTERNS
HORN ANTENNAS
HUYGENS PRINCIPLE
REFLECTOMETERS
REFLECTORS

SCHEMATICS

USE CIRCUIT DIAGRAMS

SCHIFF BASES

USE IMINES

SCHIST

GS ROCKS
SCHIST
RT LIMESTONE
SANDSTONES

SCHIZOPHRENIA

GS PSYCHOSES
SCHIZOPHRENIA
RT ∞ DEPRESSION
IRRATIONALITY
MENTAL HEALTH

SCHLEICHER AIRCRAFT

RT ∞ AIRCRAFT

SCHLEICHER KA-6 SAILPLANE

USE KA-6 SAILPLANES

SCHLIEREN PHOTOGRAPHY

GS IMAGERY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
FLOW VISUALIZATION
MACH-ZEHNDER INTERFEROMETERS
MOIRE EFFECTS

SCHMIDT CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
SCHMIDT CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
SCHMIDT CAMERAS
TELESCOPES
SCHMIDT CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL TELESCOPES
BAKER-NUNN CAMERA

SCHMIDT METHOD

RT DIFFERENTIAL EQUATIONS
INTEGRAL EQUATIONS
∞ METHODOLOGY
REAL VARIABLES

SCHMIDT NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
SCHMIDT NUMBER
RT NUSSELT NUMBER
PRANDTL NUMBER

SCHMIDT TELESCOPES

GS TELESCOPES
SCHMIDT TELESCOPES
RT ASTRONOMICAL TELESCOPES
REFLECTING TELESCOPES

SCHOOLS

RT EDUCATION
INSTRUCTORS
TRAINING EVALUATION
UNIVERSITIES

SCHOOLS (FISH)

GS ANIMALS
VERTEBRATES
FISHES
SCHOOLS (FISH)
RT ICHTHYOLOGY

SCHOTTKY BARRIER DIODES

USE SCHOTTKY DIODES

SCHOTTKY DIODES

UF SCHOTTKY BARRIER DIODES
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
SCHOTTKY DIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
SCHOTTKY DIODES
RT ∞ BARRIERS
BARRITT DIODES
GALLIUM ARSENIDES
N-TYPE SEMICONDUCTORS
SEMICONDUCTOR JUNCTIONS
SILICON
SIS (SEMICONDUCTORS)
WORK FUNCTIONS
ZINC SELENIDES

SCHOTTKY EFFECT

USE WORK FUNCTIONS

SCHREIBERSITE

GS IRON COMPOUNDS
SCHREIBERSITE
MINERALS
SCHREIBERSITE
NICKEL COMPOUNDS

NASA THESAURUS (VOLUME 1)

SCORE OMNIRANGE

SCHREIBERSITE-(CONT)

SCHREIBERSITE
PHOSPHORUS COMPOUNDS
PHOSPHIDES
RT IRON METEORITES
METEORITIC COMPOSITION
STONY METEORITES

SCHROEDINGER EQUATION

GS WAVE EQUATIONS
SCHROEDINGER EQUATION
RT ∞ EQUATIONS
WENTZEL-KRAMER-BRILLOUIN METHOD

SCHULER TUNING

GS TUNING
SCHULER TUNING
RT GYROSCOPIC PENDULUMS
GYROSCOPIC STABILITY
INERTIAL NAVIGATION

SCHUMANN-RUNGE BANDS

GS SPECTRA
SPECTRAL BANDS
SCHUMANN-RUNGE BANDS
RT ABSORPTION SPECTRA
∞ BANDS
EMISSION SPECTRA
HERZBERG BANDS
OXYGEN
QUANTUM THEORY

SCHWARTZ INEQUALITY

GS INEQUALITIES
SCHWARTZ INEQUALITY
RT ALGEBRA
LINEAR TRANSFORMATIONS
VECTORS (MATHEMATICS)

SCHWARTZ METHOD

GS STRESS ANALYSIS
SCHWARTZ METHOD
RT ∞ METHODOLOGY

SCHWARZ-CHRISTOFFEL TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
FUNCTIONS (MATHEMATICS)
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
RT CONFORMAL MAPPING

SCHWARZSCHILD ANTENNAS

GS ANTENNAS
SCHWARZSCHILD ANTENNAS
RT HORNS
PARABOLIC REFLECTORS
RADAR ANTENNAS
RADIO ANTENNAS

SCHWARZSCHILD METRIC

RT BIMETRIC THEORIES
COORDINATE TRANSFORMATIONS
ESCAPE VELOCITY
GRAVITATIONAL FIELDS
IONIZATION
LIGHT SPEED
ORBITALS
ORBITS
RELATIVITY

SCHWASSMANN-WACHMANN COMET

GS CELESTIAL BODIES
COMETS
SCHWASSMANN-WACHMANN COMET

SCIATIC REGION

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
SCIATIC REGION

∞ SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT ACOUSTICS
AEROACOUSTICS
AERODYNAMICS
∞ AERONAUTICS
AEROSPACE MEDICINE

SCIENCE-(CONT)

AEROTHERMODYNAMICS
ALGEBRA
ANTHROPOLOGY
ASTRODYNAMICS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC PHYSICS
ATOMIC PHYSICS
BIOACOUSTICS
BIOASTRONAUTICS
BIODYNAMICS
∞ BIOLOGY
BIOPHYSICS
BOTANY
CLOUD PHYSICS
COMBUSTION PHYSICS
COMPUTATIONAL ASTROPHYSICS
ELECTROPHYSICS
ELECTROPHYSIOLOGY
ENTOMOLOGY
FLUID DYNAMICS
FLUID MECHANICS
GEOLOGY
GEOMETRY
GEOPHYSICS
HEALTH PHYSICS
HELIOSEISMOLOGY
HYDROGEOLOGY
HYDROMECHANICS
LIFE SCIENCES
LOW TEMPERATURE PHYSICS
MARINE BIOLOGY
MARINE CHEMISTRY
MARINE METEOROLOGY
∞ MATERIALS SCIENCE
∞ MATHEMATICS
∞ MECHANICS (PHYSICS)
MEDICAL SCIENCE
∞ METALLURGY
METEOROLOGY
∞ MOLECULAR PHYSICS
NEUROPHYSIOLOGY
NEUTRON PHYSICS
NUCLEAR PHYSICS
OCEANOGRAPHY
∞ OPTICS
∞ PHYSICAL SCIENCES
∞ PHYSICS
PHYSIOCHEMISTRY
PHYSIOLOGY
PLASMA PHYSICS
POLYMER PHYSICS
PSYCHOPHYSICS
PSYCHOPHYSIOLOGY
RADIO ASTRONOMY
RADIO PHYSICS
REACTOR PHYSICS
REENTRY PHYSICS
RESPIRATORY PHYSIOLOGY
SEISMOLOGY
SOLAR DIAMETER
SOLAR PHYSICS
SOLID MECHANICS
∞ SOLID STATE PHYSICS
STELLAR PHYSICS
SUNRISE
SUNSET
TAXONOMY
THEORETICAL PHYSICS
TRIGONOMETRY
UNDERWATER PHYSIOLOGY
∞ ZOOLOGY

SCIENTIFIC INSTRUMENT MODULES

USE SIM

SCIENTIFIC SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
AMPT (SATELLITES)
ASTRONOMICAL SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
AZUR SATELLITE
CANNONBALL 2 SATELLITE
DIAL SATELLITE

SCIENTIFIC SATELLITES-(CONT)

ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18
INTASAT SATELLITE
EXOSAT SATELLITE
EXPLORER 45 SATELLITE
GRAVSAT SATELLITE
HAWKEYE SATELLITES
LZEEBE SATELLITE
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
ORBIS
ORBIS CAL SATELLITE
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV 5 SATELLITES
SMALL SCIENTIFIC SATELLITES
UK SATELLITES
UK 4 SATELLITE
RT CANADIAN SPACE PROGRAM
ESRO 4 SATELLITE
EXPLORER 55 SATELLITE
TECHNOLOGY FEASIBILITY SPACECRAFT

SCIENTISTS

GS MANPOWER
SCIENTISTS
PERSONNEL
SCIENTISTS
RT AWARDS

SCIMITAR AIRCRAFT

UF VICKERS SCIMITAR AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
SCIMITAR AIRCRAFT
BAC AIRCRAFT
SCIMITAR AIRCRAFT
JET AIRCRAFT
SCIMITAR AIRCRAFT
MONOPLANES
SCIMITAR AIRCRAFT
RT ∞ AIRCRAFT

SCINTILLATION

RT GLINT
PHOSPHORESCENCE

SCINTILLATION COUNTERS

UF SCINTILLATORS
SCINTILLOMETERS
GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
SCINTILLATION COUNTERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
SCINTILLATION COUNTERS
RT CERENKOV COUNTERS
NEUTRON COUNTERS
PARTICLE TELESCOPES
PHOTOMULTIPLIER TUBES
PHOTOPEAK

SCINTILLATORS

USE SCINTILLATION COUNTERS

SCINTILLOMETERS

USE SCINTILLATION COUNTERS

SCISSION

USE CLEAVAGE

SCOOPS

RT AIR INTAKES
CONVEYORS
DUCTS
INTAKE SYSTEMS
NOSE INLETS
SIDE INLETS
∞ WATER INTAKES

SCOPOLAMINE

USE HYOSCINE

SCORE OMNIRANGE

USE SELF CALIBRATING OMNIRANGE

SCORE SATELLITE

SCORE SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SCORE SATELLITE

SCORING

UF SCRIBING
RT ABRASION
DEFECTS
FRICTION
PITTING
WEAR

SCORPIO CONSTELLATION

USE SCORPIUS CONSTELLATION

SCORPIUS CONSTELLATION

UF SCORPIO CONSTELLATION
GS CONSTELLATIONS
SCORPIUS CONSTELLATION
RT ZODIAC

SCOTCHLITE (TRADEMARK)

RT MEMBRANE STRUCTURES
REFRACTORY MATERIALS

SCOTLAND

GS NATIONS
UNITED KINGDOM
SCOTLAND

SCOUT HELICOPTER

USE P-531 HELICOPTER

SCOUT LAUNCH VEHICLE

GS LAUNCH VEHICLES
SCOUT LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SCOUT LAUNCH VEHICLE

RT ALGOL ENGINE
EXPLORER 9 SATELLITE
EXPLORER 16 SATELLITE
EXPLORER 19 SATELLITE
EXPLORER 20 SATELLITE
EXPLORER 22 SATELLITE
EXPLORER 23 SATELLITE
EXPLORER 24 SATELLITE
EXPLORER 25 SATELLITE
EXPLORER 27 SATELLITE
EXPLORER 30 SATELLITE
EXPLORER 37 SATELLITE
EXPLORER 39 SATELLITE
EXPLORER 40 SATELLITE
SAN MARCO SATELLITES
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE
X-248 ENGINE
X-254 ENGINE
X-258 ENGINES
X-259 ENGINE
XM-33 ENGINE

SCOUT PROJECT

GS PROGRAMS
NASA PROGRAMS
SCOUT PROJECT
NASA SPACE PROGRAMS
SCOUT PROJECT
PROJECTS
SCOUT PROJECT

RT ∞ BOOSTERS
EXPLORER SATELLITES
LAUNCH VEHICLES

SCPC TRANSMISSION

USE SINGLE CHANNEL PER CARRIER
TRANSMISSION

SCR (RECTIFIERS)

USE SILICON CONTROLLED RECTIFIERS

∞ SCRAM

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MISSILES
SHUTDOWNS
SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAMBLING (COMMUNICATION)

RT INTELLIGIBILITY
SECURITY

SCRAMBLING (COMMUNICATION)-(CONT)

SIGNAL DISTORTION
SIGNAL ENCODING
VOCODERS
VOICE COMMUNICATION

SCRAMJET ENGINES

USE SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAMJETS

USE SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAP

RT CHIPS
DEBRIS
METAL PARTICLES
WASTES

SCRAPERS

RT CUTTERS
FILES (TOOLS)
HONING
∞ SEPARATION

SCREEN EFFECT

RT ∞ COMA
DIELECTRICS
∞ EFFECTS
ELECTROMAGNETIC WAVE FILTERS
ELECTROMAGNETIC WAVE
TRANSMISSION
ELECTRON GAS
MAGNETOSPHERE
SEMICONDUCTORS (MATERIALS)
WAVE PROPAGATION

∞ SCREENING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FILTRATION
FINES
LOUVERS
SELECTION
WATER TREATMENT

∞ SCREENS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CURTAINS
DISPLAY DEVICES
PROTECTOR
SHIELDING
SIZING SCREENS
WIRE CLOTH

SCREW DISLOCATIONS

GS DEFECTS
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
SCREW DISLOCATIONS
DISLOCATIONS (MATERIALS)
CRYSTAL DISLOCATIONS
SCREW DISLOCATIONS
RT EDGE DISLOCATIONS

SCREW PINCH

GS PINCH EFFECT
PLASMA PINCH
SCREW PINCH
RT MAGNETIC FIELDS
MAGNETOHYDRODYNAMIC FLOW
PLASMA CONTROL
REVERSE FIELD PINCH
THETA PINCH
ZETA PINCH

SCREWS

SN (EXCLUDES PROPELLERS AND CRYSTAL
DEFECTS)
GS FASTENERS
SCREWS
RT ANCHORS (FASTENERS)
BOLTS
COUPLINGS
HOLDERS
NUTS (FASTENERS)
STUDS (STRUCTURAL MEMBERS)
THREADS

NASA THESAURUS (VOLUME 1)

SCRIBING

USE SCORING

SCRUBBERS

RT CLEANING
COLUMNS (PROCESS ENGINEERING)
FLUE GASES
WASHING

SCRUBBING

USE WASHING

SCRUBS (BOTANY)

USE BRUSH (BOTANY)

SCUTUM CONSTELLATION

GS CONSTELLATIONS
SCUTUM CONSTELLATION
RT ZODIAC

SCYLLA

GS PLASMA GENERATORS
SCYLLA
RT MAGNETIC FIELDS
MAGNETIC MIRRORS
MAGNETIC VARIATIONS
PLASMAS (PHYSICS)
THERMONUCLEAR REACTIONS

SDP (COMPUTERS)

USE SITE DATA PROCESSORS

SDS 900 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SDS 900 SERIES COMPUTERS
SDS 930 COMPUTER

SDS 930 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SDS 900 SERIES COMPUTERS
SDS 930 COMPUTER

SDS 9300 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SDS 9300 COMPUTER

SDV

USE SHUTTLE DERIVED VEHICLES

SE-A

USE EXPLORER 30 SATELLITE

SE-210 AIRCRAFT

UF CARAVELLE AIRCRAFT
SUD AVIATION SE-210 AIRCRAFT
GS COMMERCIAL AIRCRAFT
SE-210 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
SE-210 AIRCRAFT
MONOPLANES
SE-210 AIRCRAFT
PASSENGER AIRCRAFT
SE-210 AIRCRAFT
SUD AVIATION AIRCRAFT
SE-210 AIRCRAFT
RT ∞ AIRCRAFT

SE-3160 HELICOPTER

UF ALOUETTE 3 HELICOPTER
SUD AVIATION SE-3160 HELICOPTER
GS SUD AVIATION AIRCRAFT
ALOUETTE HELICOPTERS
SE-3160 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
ALOUETTE HELICOPTERS
SE-3160 HELICOPTER

SEA BREEZE

GS WIND (METEOROLOGY)
SEA BREEZE
RT AEROLOGY
AIR CURRENTS
ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
CLIMATOLOGY

NASA THESAURUS (VOLUME 1)

SEALS (STOPPERS)

SEA BREEZE-(CONT)

GEOSTROPHIC WIND
GUSTS
MARINE ENVIRONMENTS
METEOROLOGY
MONSOONS
OFFSHORE ENERGY SOURCES
TIDAL WAVES
WIND DIRECTION
WIND EFFECTS
WIND EROSION
WIND MEASUREMENT
WINDPOWER UTILIZATION
WINDS ALOFT

SEA GRASSES

GS PLANTS (BOTANY)
GRASSES
SEA GRASSES
RT MARINE BIOLOGY
OCEANOGRAPHY
SEAWEEDS
VEGETATION
WETLANDS

SEA ICE

UF ICE PACKS
GS ICE
SEA ICE
ICE FLOES
ICEBERGS
PRESSURE ICE
RT AIR SEA ICE INTERACTIONS
BAY ICE
FREEZING
GLACIAL DRIFT
GLACIERS
ICE ENVIRONMENTS
ICE FORMATION
ICE MAPPING
LAKE ICE
LAND ICE
NUNATAKS
OCEANOGRAPHY

SEA KEEPING

RT ATTITUDE GYROS
DAMPING
GYROSCOPIC STABILITY
GYROSTABILIZERS
MOTION STABILITY
STABILIZERS
TORQUERS

SEA KING HELICOPTER

USE SH-3 HELICOPTER

SEA KNIGHT HELICOPTER

USE CH-46 HELICOPTER

SEA LAUNCHING

GS LAUNCHING
SEA LAUNCHING
RT ANTISHIP MISSILES
ANTISHIP WARFARE
BALLISTIC MISSILE SUBMARINES
CATAPULTS
DRYDOCKS
FLEET BALLISTIC MISSILES
MISSILE LAUNCHERS
POSEIDON MISSILES
ROCKET LAUNCHERS
TORPEDOES
WATER TAKEOFF AND LANDING
AIRCRAFT

SEA LAW

GS LAW (JURISPRUDENCE)
INTERNATIONAL LAW
SEA LAW
RT COOPERATION
INTERNATIONAL COOPERATION
RULES
UNITED NATIONS

SEA LEVEL

GS ALTITUDE
SEA LEVEL
RT OCEAN SURFACE
OCEANOGRAPHY
SEA STATES

SEA OF JAPAN

GS SEAS

SEA OF JAPAN-(CONT)

RT SEA OF JAPAN
ASIA

SEA OF OKHOTSK

GS SEAS
SEA OF OKHOTSK
RT PACIFIC OCEAN
U S S R

SEA ROUGHNESS

GS ROUGHNESS
SEA ROUGHNESS
RT HYDRODYNAMIC COEFFICIENTS
OCEAN MODELS
OCEAN SURFACE
OCEANOGRAPHY
SURFACE WAVES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TURBULENCE
WATER CURRENTS
WATER WAVES
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES
WIND EFFECTS
WIND VELOCITY

SEA STATES

RT OCEAN MODELS
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
SEA LEVEL
TOPEX
WATER CURRENTS
WATER WAVES
WIND EFFECTS

SEA SURFACE TEMPERATURE

GS TEMPERATURE
WATER TEMPERATURE
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE
RT AIR WATER INTERACTIONS
OCEAN SURFACE
OCEANOGRAPHY
SURFACE TEMPERATURE

SEA TRUTH

RT AERIAL PHOTOGRAPHY
COASTAL CURRENTS
IMAGERY
OCEAN SURFACE
OCEAN TEMPERATURE
PHOTOINTERPRETATION

SEA URCHINS

GS ANIMALS
INVERTEBRATES
SEA URCHINS

SEA WALLS

USE BREAKWATERS

SEA WATER

GS WATER
SEA WATER
RT BRINES
COASTAL WATER
FISHERIES
MARINE RESOURCES
NEARSHORE WATER
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANOGRAPHY
RED TIDE
SALINITY
SEAWEEDS
THERMOCLINES
UNDERWATER PHOTOGRAPHY
UNDERWATER RESOURCES
WATER RESOURCES

SEAFARER PROJECT

UF GLOBAL COMMUNICATIONS ANTENNA
GRID (NAVY)
UNDERGROUND RADIO ANTENNA GRID
(NAVY)
GS PROGRAMS

SEAFARER PROJECT-(CONT)

PROJECTS
SEAFARER PROJECT
RT EXTREMELY LOW FREQUENCIES
RADIO TRANSMISSION
SUBMARINES
TELECOMMUNICATION
UNDERWATER COMMUNICATION

SEAHORSE HELICOPTER

USE UH-34 HELICOPTER

SEALANTS

USE SEALERS

SEALERS

UF SEALANTS
RT ADHESIVES
COATINGS
DOPES
FILLERS
PACKAGING
PACKINGS (SEALS)
PAINTS
SEALING
SEALS (STOPPERS)
SEAMS (JOINTS)
SOLDERS
VARNISHES

SEALING

GS SEALING
SELF SEALING
RT ADHESION
ADHESIVE BONDING
BINDING
BLOCKING
BLOWERS
BONDING
BRAZING
CAULKING
CEMENTS
CLAMPS
CLOSING
COATING
COATINGS
CONTAINMENT
COVERINGS
ENCAPSULATING
GLANDS (SEALS)
JOINING
LINING PROCESSES
MOISTURE RESISTANCE
PACKING
PACKINGS (SEALS)
PLUGGING
RETAINING
RIVETING
SEALERS
SOLDERING
SPRAYING
STOPPING
WATERPROOFING
WELDING

SEALS (ANIMALS)

GS ANIMALS
VERTEBRATES
MAMMALS
SEALS (ANIMALS)
RT MARINE BIOLOGY
MARINE MAMMALS

SEALS (STOPPERS)

GS SEALS (STOPPERS)
GASKETS
GLANDS (SEALS)
HERMETIC SEALS
LABYRINTH SEALS
O RING SEALS
PACKINGS (SEALS)
PLUGS
PUMP SEALS
RT AIR LOCKS
BARRIER LAYERS
BARRIERS
BLOCKING
CAPS
CLOSURES
CONSTRICTIONS
CUFFS
PLUGGING
SEALERS
SPHERICAL CAPS
TAPES

SEAMOUNTS

SEALS (STOPPERS)-(CONT)

VALVES

SEAMOUNTS

RT CONTINENTAL SHELVES
CREVASSES
∞ FAULTS
FOLDS (GEOLOGY)
ISLANDS
LANDFORMS
OCEAN BOTTOM
STRUCTURAL BASINS

SEAMS (JOINTS)

GS JOINTS (JUNCTIONS)
SEAMS (JOINTS)
RT ADHESIVES
FILLETS
METAL JOINTS
SEALERS

SEAPLANES

GS WATER TAKEOFF AND LANDING
AIRCRAFT
SEAPLANES
RT AMPHIBIOUS AIRCRAFT
AMPHIBIOUS VEHICLES
HULLS (STRUCTURES)
MONOPLANES

SEARCH AND RESCUE SATELLITE

USE SARSAT

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE

USE PROJECT SETI

SEARCH PROFILES

GS SEARCHING
SEARCH PROFILES
RT DATA RETRIEVAL
INFORMATION RETRIEVAL
∞ PROFILES

SEARCH RADAR

GS RADAR
SEARCH RADAR
NORTH AMERICAN SEARCH AND
RANGING RADAR
OVER-THE-HORIZON RADAR
RT AIRPORT SURFACE DETECTION
EQUIPMENT
COHERENT RADAR
CONTINUOUS WAVE RADAR
PULSE RADAR
RADAR DETECTION
RADAR TRACKING
SATELLITE-BORNE RADAR
SIDE-LOOKING RADAR
SURVEILLANCE RADAR
TRACKING RADAR
TRADEX RADAR SYSTEM

SEARCHING

GS SEARCHING
SEARCH PROFILES
RT CONICAL SCANNING
COSPAS
PANORAMIC SCANNING
RECONNAISSANCE
RETRIEVAL
SARSAT
SCANNING
SELECTION

SEARCHLIGHTS

GS LIGHTING EQUIPMENT
LUMINAIRES
SEARCHLIGHTS
RT AIRPORT LIGHTS
ARC LAMPS
BEACONS
PROJECTORS
RUNWAY LIGHTS

SEAS

GS SEAS
ARABIAN SEA
BALTIC SEA
BARENTS SEA
BEAUFORT SEA (NORTH AMERICA)
BERING SEA
BLACK SEA
CARIBBEAN SEA

SEAS-(CONT)

CASPIAN SEA
CHUCKCHI SEA
MEDITERRANEAN SEA
ADRIATIC SEA
NORTH SEA
RED SEA
SALTON SEA (CA)
SEA OF JAPAN
SEA OF OKHOTSK
RT ADRIATIC SEA
ARCHIPELAGOES
COASTAL CURRENTS
COASTS
EARTH HYDROSPHERE
OCEAN TEMPERATURE
OCEANOGRAPHY
OCEANS
SARGASSO SEA
SEAWEEDS
SHALLOW WATER
SHOALS
STRAITS
THERMAL POLLUTION
UNDERWATER PHOTOGRAPHY

SEASAT PROGRAM

GS PROGRAMS
NASA PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
NASA SPACE PROGRAMS
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
RT LANDSAT SATELLITES
OCEANOGRAPHY

SEASAT SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
RT LANDSAT SATELLITES
NASA PROGRAMS
OCEANOGRAPHY
PROGRAMS
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

SEASAT 1

GS SATELLITES
ARTIFICIAL SATELLITES
SEASAT SATELLITES
SEASAT 1
RT LANDSAT SATELLITES
OCEANOGRAPHY
PROGRAMS
SEASAT-B SATELLITE

SEASAT-B SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SEASAT SATELLITES
SEASAT-B SATELLITE
RT LANDSAT SATELLITES
OCEANOGRAPHY
PROGRAMS
SEASAT 1

SEASONAL VARIATIONS

USE ANNUAL VARIATIONS

SEASONS

GS SEASONS
AUTUMN
SPRING (SEASON)
SUMMER
WINTER
RT ANNUAL VARIATIONS
CLIMATOLOGY
CROP CALENDARS
EQUINOXES
METEOROLOGY
SOLAR POSITION
SOLSTICES
WEATHER
WIND VARIATIONS

SEASPRITE HELICOPTER

USE UH-2 HELICOPTER

NASA THESAURUS (VOLUME 1)

SEAT BELTS

GS SAFETY DEVICES
SEAT BELTS
RT ∞ BELTS
HARNESSES
SEATS

SEATS

UF BENCHES
CHAIRS
GS SEATS
BARANY CHAIR
EJECTION SEATS
FLYING EJECTION SEATS
RT COMFORT
COUCHES
CUSHIONS
HARNESSES
∞ LOUNGES
PILLOWS
RIDING QUALITY
SEAT BELTS
SITTING POSITION

SEAWEEDS

UF KELP
RT MARINE BIOLOGY
OCEANOGRAPHY
OCEANS
SEA GRASSES
SEA WATER
SEAS

SEBACEOUS GLANDS

GS ANATOMY
GLANDS (ANATOMY)
SEBACEOUS GLANDS

SEBACIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
SEBACIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
SEBACIC ACID
LIPIDS
SEBACIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
SEBACIC ACID

SECONDARY BATTERIES

USE STORAGE BATTERIES

SECONDARY COSMIC RAYS

UF MOLIERE FORMULA
GS IONIZING RADIATION
COSMIC RAYS
SECONDARY COSMIC RAYS
RT ATMOSPHERIC RADIATION
COSMIC RAY ALBEDO
COSMIC RAY SHOWERS
ELECTRON DECAY RATE
ELECTRON PHOTON CASCADES
ELECTRON PRECIPITATION
PRIMARY COSMIC RAYS
SINGLE EVENT UPSETS

SECONDARY EMISSION

GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
SECONDARY EMISSION
RT DYNODES
ELECTRON IRRADIATION
FIELD EMISSION
MONOSCOPES
MULTIPLIER DISCHARGES
PHOTOMULTIPLIER TUBES
TOWNSEND AVALANCHE

SECONDARY FLOW

GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
SECONDARY FLOW
TRANSLATIONAL MOTION
THREE DIMENSIONAL MOTION
THREE DIMENSIONAL FLOW
SECONDARY FLOW
RT COMPRESSIBILITY EFFECTS
CORNER FLOW
THREE DIMENSIONAL BOUNDARY LAYER

SECONDARY FLOW-(CONT)

VORTICES
VORTICITY

SECONDARY INJECTION

GS INJECTION
RT SECONDARY INJECTION
FLUID INJECTION
SHOCK WAVE CONTROL
SHOCK WAVE PROPAGATION
SUPERSONIC FLOW
THRUST AUGMENTATION
THRUST VECTOR CONTROL

SECONDARY RADAR

GS RADAR
RT SECONDARY RADAR
DISCRETE ADDRESS BEACON SYSTEM
INTERROGATION

SECONDARY WAVES

USE S WAVES

SECRECTIONS

GS SECRECTIONS
ENDOCRINE SECRETIONS
HORMONES
ESTROGENS
HYDROXYCORTICOSTEROID
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)
PROSTAGLANDINS
INSULIN
SWEAT
RT BODY FLUIDS
GALL
GLANDS (ANATOMY)
HYDROGEN METABOLISM
METABOLISM
MINERAL METABOLISM
SKIN (ANATOMY)

∞ SECTIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CATEGORIES
CLASSES
SUBDIVISIONS
SUBSIDIARIES

∞ SECTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT AREA
CIRCLES (GEOMETRY)
REGIONS

SECULAR PERTURBATION

USE LONG TERM EFFECTS

SECULAR VARIATIONS

GS VARIATIONS
PERIODIC VARIATIONS
RT SECULAR VARIATIONS
ATMOSPHERIC PHYSICS
SOLAR ACTIVITY EFFECTS
SOLAR CYCLES

SECURITY

GS SECURITY
AIRPORT SECURITY
COMPUTER INFORMATION SECURITY
RT ∞ CLASSIFYING
COMPUTER PROGRAM INTEGRITY
CRIME
INTEGRITY
POLICE
PRIVACY
SCRAMBLING (COMMUNICATION)
VULNERABILITY

SEDATIVES

GS DRUGS
RT SEDATIVES
PENTOBARBITAL
PHENOBARBITAL
PSYCHOTROPIC DRUGS
TRANQUILIZERS

SEDIMENT TRANSPORT

RT MASS FLOW
MASS TRANSFER

SEDIMENT TRANSPORT-(CONT)

SEDIMENTS

SEDIMENTARY ROCKS

GS SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
LIGNITE
LIMESTONE
PEAT
SANDSTONES
SHALES
RT ALLUVIUM
BRECCIA
CLAYS
DOLOMITE (MINERAL)
GYPSUM
IGNEOUS ROCKS
∞ LAYERS
MONAZITE SANDS
PETROGRAPHY
ROCKS
SANDS
SEDIMENTS
SHATTER CONES
SOILS
STRATIGRAPHY

SEDIMENTS

UF SILTS
GS SEDIMENTS
GRAVELS
MUD
SANDS
MONAZITE SANDS
TAR SANDS
RT ALLUVIUM
CLAYS
DEPOSITION
DEPOSITS
DREDGED MATERIALS
FANS (LANDFORMS)
GLACIAL DRIFT
GRIT
LITTORAL DRIFT
MARINE CHEMISTRY
OCEAN BOTTOM
SEDIMENT TRANSPORT
SEDIMENTARY ROCKS
SEWAGE TREATMENT
SLUDGE

SEEBECK COEFFICIENT

USE SEEBECK EFFECT

SEEBECK EFFECT

UF SEEBECK COEFFICIENT
RT ∞ EFFECTS
Peltier Effects
TEMPERATURE EFFECTS
THERMOCOUPLES
THERMODYNAMIC PROPERTIES
THERMOELECTRICITY
THERMOPHYSICAL PROPERTIES
TRANSPORT PROPERTIES

SEEDING (INOCULATION)

USE INOCULATION

SEEDS

RT ALFALFA
BARLEY
CITRUS TREES
CORN
EMBRYOS
FARM CROPS
GRAINS (FOOD)
NUTS (FRUITS)
OATS
PLANTING
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
UTRICLE
VEGETABLES
VIABILITY

SEEKERS

USE HOMING DEVICES

SEEPAGE

RT CANALS
DRAINAGE
FLOOD DAMAGE
FLOW NETS

SEEPAGE-(CONT)

HYDRODYNAMICS
INTRUSION
IRRIGATION
LEAKAGE
LOSSES
OFFSHORE ENERGY SOURCES
PENETRATION
PERCOLATION
PERMEABILITY
PIEZOMETERS
WATER CONSUMPTION

SEGMENTS

RT CIRCLES (GEOMETRY)
∞ COMPONENTS
CURVES (GEOMETRY)
LINES (GEOMETRY)
RADI

SEGREGATION

RT ∞ CHARACTERISTICS
CRACK PROPAGATION
METAL FATIGUE

SEGREGATION

USE SEPARATION

SEISMIC ENERGY

RT EARTHQUAKE DAMAGE
∞ ENERGY
STRAIN ENERGY METHODS

SEISMIC WAVES

UF ELECTROSEISMIC EFFECT
GS ELASTIC WAVES
SEISMIC WAVES
LOVE WAVES
MICROSEISMS
RAYLEIGH WAVES
RT CRUSTAL FRACTURES
DETONATION WAVES
DILATATIONAL WAVES
EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKE RESISTANCE
EARTHQUAKE RESISTANT STRUCTURES
EARTHQUAKES
GUTENBERG ZONE
LARGE APERTURE SEISMIC ARRAY
LONGITUDINAL WAVES
P WAVES
PLANETARY QUAKES
POLARIZED ELASTIC WAVES
S WAVES
SEISMOLOGY
SHOCK WAVES
SURFACE WAVES
TSUNAMI WAVES
UNDERGROUND EXPLOSIONS
∞ WAVES

SEISMOCARDIOGRAPHY

SN (MEASUREMENT OF THE HIGH
FREQUENCY VIBRATIONS OF THE
HEART)
GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
SEISMOCARDIOGRAPHY
RT BALLISTOCARDIOGRAPHY
FIBRILLATION

SEISMOGRAMS

RT SEISMOGRAMS

SEISMOGRAPHS

UF SEISMOMETERS
GS MEASURING INSTRUMENTS
VIBRATION METERS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
RECORDING INSTRUMENTS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
ACOUSTIC MEASUREMENT
PHASED ARRAYS
SEISMOGRAMS
SHOCK MEASURING INSTRUMENTS
TILTMETERS

SEISMOLOGY

GS SEISMOLOGY

SEISMOMETERS

SEISMOLOGY-(CONT)

HELIOSEISMOLOGY
MOONQUAKES
RT CRUSTAL FRACTURES
EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKES
GEOLOGY
GEOPHYSICS
ISOSTASY
LARGE APERTURE SEISMIC ARRAY
LUNAR GEOLOGY
ROUSE BELTS
∞ SCIENCE
SEISMIC WAVES
SUBDUCTION (GEOLOGY)
TIDAL WAVES

SEISMOMETERS

USE SEISMOGRAPHS

SEIZURES

RT CONVULSIONS
CRAMPS

SEL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SEL COMPUTERS

SELECTION

UF CHOICE
GS SELECTION
PERSONNEL SELECTION
PILOT SELECTION
SITE SELECTION
RT CERTIFICATION
∞ CLASSIFYING
COLLECTION
DECISIONS
EVALUATION
FIGURE OF MERIT
OPTIONS
RANKING
REJECTION
SAMPLING
∞ SCREENING
SEARCHING
∞ TESTS

SELECTION RULES (NUCLEAR PHYSICS)

GS RULES
SELECTION RULES (NUCLEAR PHYSICS)
RT ALPHA DECAY
EMISSION
FORBIDDEN TRANSITIONS
NEUTRON EMISSION
∞ PHYSICS
QUANTUM NUMBERS

SELECTIVE DISSEMINATION OF INFORMATION

GS COMMUNICATING
INFORMATION DISSEMINATION
SELECTIVE DISSEMINATION OF INFORMATION
TELECOMMUNICATION
SELECTIVE DISSEMINATION OF INFORMATION
RT DATA STORAGE
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION FLOW
INFORMATION RETRIEVAL
INFORMATION SYSTEMS
LIBRARIES
MANAGEMENT PLANNING
TECHNOLOGY TRANSFER

SELECTIVE FADING

GS FADING
SIGNAL FADING
SELECTIVE FADING
RT FREQUENCY ANALYZERS
GROUND WAVE PROPAGATION
MODULATION
SIDEBANDS
SIGNAL FADING RATE

SELECTIVE SURFACES

UF SOLAR SELECTIVE COATINGS
RT ENERGY ABSORPTION FILMS
SELECTIVITY
SOLAR COLLECTORS

SELECTIVE SURFACES-(CONT)

SOLAR ENERGY ABSORBERS

SELECTIVITY

RT DISCRIMINATION
PHOTOTHERMAL CONVERSION
SELECTIVE SURFACES

SELECTORS

RT ANALYZERS
CIRCUITS
ELECTRIC RELAYS
SAMPLERS
SWITCHES
SWITCHING CIRCUITS

SELENIDES

GS CHALCOGENIDES
SELENIDES
CADMIUM SELENIDES
COPPER SELENIDES
GALLIUM SELENIDES
LEAD SELENIDES
ZINC SELENIDES
SELENIUM COMPOUNDS
SELENIDES
CADMIUM SELENIDES
COPPER SELENIDES
GALLIUM SELENIDES
LEAD SELENIDES
ZINC SELENIDES

SELENIUM

GS CHEMICAL ELEMENTS
SELENIUM

SELENIUM ALLOYS

GS ALLOYS
SELENIUM ALLOYS
RT COPPER

SELENIUM COMPOUNDS

GS SELENIUM COMPOUNDS
SELENIDES
CADMIUM SELENIDES
COPPER SELENIDES
GALLIUM SELENIDES
LEAD SELENIDES
ZINC SELENIDES
SELENIUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 6A COMPOUNDS

SELENIUM OXIDES

GS CHALCOGENIDES
OXIDES
SELENIUM OXIDES
SELENIUM COMPOUNDS
SELENIUM OXIDES

SELENOGRAPHY

RT GEOGRAPHY
LUNAR CRATERS
LUNAR CRUST
LUNAR LANDING SITES
LUNAR MAPS
LUNAR MOBILE LABORATORIES
LUNAR RAYS
LUNAR ROCKS
LUNAR TOPOGRAPHY
MOON
SELENOLOGY
SURFACE PROPERTIES

SELENOLOGY

GS SELENOLOGY
LUNAR CORE
RT ASTRONOMY
LUNAR COMPOSITION
LUNAR CRATERS
LUNAR CRUST
LUNAR DUST
LUNAR EVOLUTION
LUNAR FIGURE
LUNAR GEOLOGY
LUNAR MANTLE
LUNAR ROCKS
LUNAR SURFACE
LUNAR TOPOGRAPHY
MOON
MOONQUAKES
REGOLITH
SELENOGRAPHY

NASA THESAURUS (VOLUME 1)

SELF ABSORPTION

GS ENERGY ABSORPTION
SELF ABSORPTION
RADIATION ABSORPTION
SELF ABSORPTION
RT ∞ ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
AUTOMATIC CONTROL
DIFFUSION
∞ RADIATION

SELF ADAPTIVE CONTROL SYSTEMS

GS AUTOMATIC CONTROL
ADAPTIVE CONTROL
SELF ADAPTIVE CONTROL SYSTEMS
RT ACTIVE CONTROL
ADAPTIVE OPTICS
AUTOMATA THEORY
AUTONOMY
∞ CONTROL
∞ SYSTEMS

SELF ALIGNMENT

GS ALIGNMENT
SELF ALIGNMENT
AUTOMATIC CONTROL
SELF ALIGNMENT
RT ACTIVE CONTROL
ADAPTIVE CONTROL
LANDING GEAR
SERVOMECHANISMS

SELF CALIBRATING OMNIRANGE

UF SCORE OMNIRANGE
GS NAVIGATION AIDS
BEACONS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
TRANSMITTERS
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RT SOLAR COMPASSES

SELF CONSISTENT FIELDS

UF SCF
RT FIELD THEORY (PHYSICS)
∞ FIELDS
HARTREE APPROXIMATION
MAGNETIC FIELDS
MOLECULAR ORBITALS
QUANTUM ELECTRODYNAMICS
SHELL THEORY

SELF DEPLOYING SPACE STATIONS

USE SELF ERECTING DEVICES
SPACE STATIONS

SELF DIFFUSION (SOLID STATE)

GS DIFFUSION
SELF DIFFUSION (SOLID STATE)
RT ATOMIC MOBILITIES
IONIC DIFFUSION
MOLECULAR DIFFUSION
PARTICLE DIFFUSION

SELF ERECTING DEVICES

UF SELF DEPLOYING SPACE STATIONS
RT ∞ AUTOMATION
∞ DEVICES
∞ EQUIPMENT
INFLATABLE SPACECRAFT
INFLATABLE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES

SELF EXCITATION

GS EXCITATION
SELF EXCITATION
RT FORCED VIBRATION
FREE VIBRATION
OSCILLATORS
RESONATORS

SELF FOCUSING

GS FOCUSING

NASA THESAURUS (VOLUME 1)

SELF FOCUSING-(CONT)

RT SELF FOCUSING
IMAGE CONTRAST
∞ MACHINERY
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASURING INSTRUMENTS

SELF INDUCED VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
SELF INDUCED VIBRATION
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
RT BENDING VIBRATION
FLUTTER
FORCED VIBRATION
FREE VIBRATION
MISSILE VIBRATION
PILOT INDUCED OSCILLATION
RANDOM VIBRATION
TORSIONAL VIBRATION

SELF INITIATED ANTI-AIRCRAFT MISSILES

USE SIAM MISSILES

SELF LUBRICATING MATERIALS

RT IMPREGNATING
LUBRICATION
∞ MATERIALS
SOLID LUBRICANTS
SPACECRAFT LUBRICATION

SELF LUBRICATION

GS LUBRICATION
SELF LUBRICATION
RT IMPREGNATING

SELF MANEUVERING UNITS

UF PERSONNEL PROPULSION SYSTEMS
REACTION JET BACKPACKS
SMU (MANEUVERING UNITS)
SPACE SELF MANEUVERING UNITS
GS SELF MANEUVERING UNITS
IMLSS
RT ASTRONAUT MANEUVERING EQUIPMENT
EXTRAVEHICULAR ACTIVITY
EXTRAVEHICULAR MOBILITY UNITS
MANEUVERS
MANNED MANEUVERING UNITS

SELF ORGANIZING SYSTEMS

UF PERCEPTRONS
RT ARTIFICIAL INTELLIGENCE
LEARNING MACHINES
∞ SYSTEMS
TURING MACHINES

SELF OSCILLATION

GS OSCILLATIONS
SELF OSCILLATION
RT FEEDBACK AMPLIFIERS
POSITIVE FEEDBACK
TRANSFER FUNCTIONS

SELF PROPAGATION

GS DIFFUSION
SELF PROPAGATION
TRANSMISSION
SELF PROPAGATION
RT ∞ PROPAGATION

SELF REGULATING

USE AUTOMATIC CONTROL

SELF REPAIRING DEVICES

RT ∞ AUTOMATION
∞ DEVICES
MAINTENANCE

SELF SEALING

GS SEALING
SELF SEALING
RT FLIGHT SAFETY
FUEL SYSTEMS
RUPTURING
SUPPORT SYSTEMS

SELF SHADOWING

RT LARGE SPACE STRUCTURES
SHADOWS
SOLAR ARRAYS

SELF STIMULATION

RT MOTIVATION
REINFORCEMENT (PSYCHOLOGY)

SELF SUBTRACTION HOLOGRAPHY

USE HOLOGRAPHIC SUBTRACTION

SELF SUSTAINED EMISSION

GS DECAY
EMISSION
SELF SUSTAINED EMISSION
RT ELECTRON EMISSION
LIGHT EMISSION
PARTICLE EMISSION
STIMULATED EMISSION

SELSYNS (TRADEMARK)

USE SERVOMOTORS

SEMANTICS

GS LINGUISTICS
SEMANTICS
RT COMMUNICATION THEORY
GRAMMARS
LANGUAGES
MESSAGE PROCESSING
MESSAGES
NOMENCLATURES
ORTHOGRAPHY
PARSING ALGORITHMS
PSYCHOLINGUISTICS
SENTENCES
SPEECH
SYLLABLES
SYMBOLS
SYNTAX
WORDS (LANGUAGE)

SEMICIRCULAR CANALS

GS ANATOMY
SENSE ORGANS
EAR
SEMICIRCULAR CANALS
RT EARDRUMS
LABYRINTH
MIDDLE EAR
VESTIBULES

SEMICONDUCTING FILMS

RT AMORPHOUS SEMICONDUCTORS
ENERGY ABSORPTION FILMS
∞ FILMS
PHOTOTHERMAL CONVERSION
THICK FILMS
THIN FILMS

SEMICONDUCTOR DEVICES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
AVALANCHE DIODES
CRYOSAR
BARRITT DIODES
GERMANIUM DIODES
HETEROJUNCTION DEVICES
HIGH ELECTRON MOBILITY
TRANSISTORS
JUNCTION DIODES
MIM DIODES
STEP RECOVERY DIODES
LIGHT EMITTING DIODES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
CHARGE INJECTION DEVICES
CMOS
SOS (SEMICONDUCTORS)
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
NDM SEMICONDUCTOR DEVICES
NEURISTORS
PARAMETRIC DIODES
PHOTODIODES
PHOTOVOLTAIC CELLS
SCHOTTKY DIODES
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
THERMISTORS
THYRISTORS
SILICON CONTROLLED
RECTIFIERS
TRANSFERRED ELECTRON DEVICES
TRANSISTOR AMPLIFIERS
TRANSISTORS

SEMICONDUCTOR LASERS

SEMICONDUCTOR DEVICES-(CONT)

BIPOLAR TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
HIGH ELECTRON MOBILITY
TRANSISTORS
JUNCTION TRANSISTORS
JFET
PHOTOTRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
TRAPATT DEVICES
VARACTOR DIODES
VARISTORS
RT BARRIER LAYERS
BUBBLE TECHNIQUE
CHIPS (MEMORY DEVICES)
CRYSTAL RECTIFIERS
DIFFUSION ELECTRODES
DIODES
GUNN DIODES
GUNN EFFECT
HALL EFFECT
HYBRID CIRCUITS
ION IMPLANTATION
∞ JUNCTIONS
MICROMINIATURIZATION
MOLECULAR ELECTRONICS
ORGANIC SEMICONDUCTORS
OSCILLATORS
PARAMETRIC AMPLIFIERS
PENTODES
RECTIFIERS
SEMICONDUCTORS (MATERIALS)
SILICON FILMS
SOLAR CELLS
TETRODES
TRIODES
WAFERS

SEMICONDUCTOR DIODES

GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
AVALANCHE DIODES
BARRITT DIODES
GERMANIUM DIODES
GUNN DIODES
JUNCTION DIODES
LIGHT EMITTING DIODES
PARAMETRIC DIODES
PHOTODIODES
SCHOTTKY DIODES
TUNNEL DIODES
VARACTOR DIODES
RT MIM DIODES
SIS (SEMICONDUCTORS)

SEMICONDUCTOR INSULATOR SEMICONDUCTORS

USE SIS (SEMICONDUCTORS)

SEMICONDUCTOR JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
MBM JUNCTIONS
N-N JUNCTIONS
N-P-N JUNCTIONS
P-I-N JUNCTIONS
P-N JUNCTIONS
P-N-P JUNCTIONS
P-N-P-N JUNCTIONS
SILICON JUNCTIONS
RT BARRITT DIODES
HETEROJUNCTION DEVICES
HETEROJUNCTIONS
HOMOJUNCTIONS
∞ JUNCTIONS
N-TYPE SEMICONDUCTORS
P-TYPE SEMICONDUCTORS
SCHOTTKY DIODES
SIS (SEMICONDUCTORS)

SEMICONDUCTOR LASERS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
STIMULATED EMISSION DEVICES
LASERS
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
RT DISTRIBUTED FEEDBACK LASERS
GALLIUM ARSENIDES
GUNN EFFECT

SEMICONDUCTOR PLASMAS

SEMICONDUCTOR LASERS-(CONT)

INJECTION LASERS
LASER CAVITIES
PULSED LASERS
Q SWITCHED LASERS
SOLID STATE LASERS
WAVEGUIDE LASERS

SEMICONDUCTOR PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
SEMICONDUCTOR PLASMAS
RT ELECTRON MOBILITY
ELECTRON-HOLE DROPS
HOLES (ELECTRON DEFICIENCIES)
PLASMA PHYSICS
SEMICONDUCTORS (MATERIALS)

SEMICONDUCTORS (MATERIALS)

GS SEMICONDUCTORS (MATERIALS)
ACCEPTOR MATERIALS
AMORPHOUS SEMICONDUCTORS
DONOR MATERIALS
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
CMOS
SOS (SEMICONDUCTORS)
METAL-NITRIDE-OXIDE-SEMICONDUCTORS
METAL-NITRIDE-OXIDE-SILICON
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
MOM (SEMICONDUCTORS)
N-TYPE SEMICONDUCTORS
ORGANIC SEMICONDUCTORS
P-TYPE SEMICONDUCTORS
PHOTOCONDUCTORS
SUPERLATTICES
VYCOR
RT ALUMINUM ARSENIDES
BIPOLAR TRANSISTORS
BUCKET BRIGADE DEVICES
CARRIER DENSITY (SOLID STATE)
CARRIER INJECTION
CHARGE COUPLED DEVICES
CONDUCTION BANDS
CONDUCTORS
ELECTRIC CONDUCTORS
ELECTRON DENSITY (CONCENTRATION)
ELECTRON TUNNELING
ELECTRONS
EMITTERS
EXCITONS
GALLIUM NITRIDES
HOLE DISTRIBUTION (ELECTRONICS)
HOLES (ELECTRON DEFICIENCIES)
INDIUM ANTIMONIDES
INDIUM TELLURIDES
INTERMETALLICS
MAJORITY CARRIERS
MATERIALS
MELTS (CRYSTAL GROWTH)
METALLOIDS
MINORITY CARRIERS
ORGANIC CHARGE TRANSFER SALTS
POLYACETYLENE
PSEUDOPOTENTIALS
RESISTORS
SCREEN EFFECT
SEMICONDUCTOR DEVICES
SEMICONDUCTOR PLASMAS
SOLID STATE PHYSICS
THERMOELECTRIC MATERIALS

SEMIEMPIRICAL EQUATIONS

RT ALGEBRA
EQUATIONS
PARAMETERIZATION

SEMIMETALS

USE METALLOIDS

SEMISOLIDS

RT PLASTIC PROPERTIES
THIXOTROPY
VISCOUS FLUIDS

SEMISPAN MODELS

GS MODELS
SEMISPAN MODELS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT MODELS
SCALE MODELS

SEMISPAN MODELS-(CONT)

WIND TUNNEL MODELS

SENARMONT POLARISCOPES

GS MEASURING INSTRUMENTS
POLARISCOPES
SENARMONT POLARISCOPES
OPTICAL EQUIPMENT
POLARISCOPES
SENARMONT POLARISCOPES
RT LASERS
OPTICAL MEASURING INSTRUMENTS

SENDERS

USE TRANSMITTERS

SENECA AIRCRAFT

USE PA-34 SENECA AIRCRAFT

SENEGAL

GS NATIONS
SENEGAL
RT AFRICA

SENSE ORGANS

GS ANATOMY
SENSE ORGANS
BARORECEPTORS
CHEMORECEPTORS
EAR
CORTI ORGAN
EARDRUMS
LABYRINTH
COCHLEA
VESTIBULES
MASTOIDS
MIDDLE EAR
SEMICIRCULAR CANALS
EUSTACHIAN TUBES
EYE (ANATOMY)
CHOROID MEMBRANES
CONJUNCTIVA
CORNEA
OCULOMOTOR NERVES
PUPILS
RETINA
FOVEA
GRAVIRECEPTORS
OTOLITH ORGANS
MECHANORECEPTORS
PHOTORECEPTORS
PROPRIOCEPTORS
THERMORECEPTORS
RT FINGERS
HEAD (ANATOMY)
NERVOUS SYSTEM
OLFACTORY PERCEPTION
PERCEPTUAL TIME CONSTANT
RECEPTORS (PHYSIOLOGY)
SENSITOMETRY
SKIN (ANATOMY)

SENSES

USE SENSORY PERCEPTION

SENSIBILITY

USE SENSITIVITY

SENSING

USE DETECTION

SENSITIVITY

UF INSENSITIVITY
SENSIBILITY
SENSITIVITY
ANAPHYLAXIS
IMPACT RESISTANCE
NOTCH SENSITIVITY
PAIN SENSITIVITY
PHOTOSENSITIVITY
LIGHT ADAPTATION
PHOTOTROPISM
PROPELLANT SENSITIVITY
RADIATION TOLERANCE
SENSITOMETRY
SPECTRAL SENSITIVITY
RT ACUITY
ADAPTATION
AMPLIFICATION
AUDITORY PERCEPTION
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FREQUENCY RESPONSE
ITCHING

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SENSITIVITY-(CONT)

PERCEPTION
PRECISION
RANGE (EXTREMES)
REACTION TIME
RESISTANCE
RESOLUTION
SENSITIZING
SHOCK RESISTANCE
THRESHOLDS
THRESHOLDS (PERCEPTION)
TOLERANCES (MECHANICS)
TRANSFER FUNCTIONS
TRANSIENT RESPONSE
VISIBILITY
VULNERABILITY

SENSITIZING

RT ACTIVATION
ACTUATION
ANAPHYLAXIS
CORROSION PREVENTION
SENSITIVITY

SENSITOMETRY

GS SENSITIVITY
SENSITOMETRY
RT GRAVIRECEPTORS
MECHANORECEPTORS
PHOTORECEPTORS
PHOTOSENSITIVITY
PROPRIOCEPTORS
RADIATION MEASUREMENT
RECEPTORS (PHYSIOLOGY)
SENSE ORGANS
THERMORECEPTORS

SENSORIMOTOR PERFORMANCE

GS SENSORIMOTOR PERFORMANCE
PSYCHOMOTOR PERFORMANCE
PSYCHOSOMATICS
RT AFFERENT NERVOUS SYSTEMS
EFFECTOR NERVOUS SYSTEMS
HUMAN PERFORMANCE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
REACTION TIME
SENSORY FEEDBACK

SENSORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF PICKOFFS
PICKUPS
RT BIOINSTRUMENTATION
CHARACTER RECOGNITION
CHARGE FLOW DEVICES
CONTOUR SENSORS
CROP IDENTIFICATION
DATA ACQUISITION
ELECTRONIC TRANSDUCERS
FLIR DETECTORS
GAS DETECTORS
GUIDANCE SENSORS
IMAGE VELOCITY SENSORS
LASER GYROSCOPES
MEASURING INSTRUMENTS
MICROWAVE SENSORS
MULTISPECTRAL LINEAR ARRAYS
REMOTE SENSORS
SERVOMOTORS
TRANSDUCERS

SENSORY DEPRIVATION

GS DEPRIVATION
SENSORY DEPRIVATION
RT CONFINEMENT
CONFINING
MONOTONY
PERCEPTION

SENSORY DISCRIMINATION

GS DISCRIMINATION
SENSORY DISCRIMINATION
TACTILE DISCRIMINATION
VISUAL DISCRIMINATION
RT SPEECH RECOGNITION
TIME DISCRIMINATION

SENSORY FEEDBACK

UF FEELINGS
GS FEEDBACK

SENSORY FEEDBACK-(CONT.)

BIOFEEDBACK
SENSORY FEEDBACK
 RT BIOFEEDBACK
 EMOTIONAL FACTORS
 EMOTIONS
 MOODS
 MOON ILLUSION
 NONLINEAR FEEDBACK
 PERCEPTION
 SENSORIMOTOR PERFORMANCE

SENSORY PERCEPTION

UF SENSES
 GS PERCEPTION
SENSORY PERCEPTION
 CONSCIOUSNESS
 EXTRASENSORY PERCEPTION
 KINESTHESIA
 OLFACTORY PERCEPTION
 PAIN
 PAIN SENSITIVITY
 PROPRIOCEPTION
 AUTOKINESIS
 TASTE
 TOUCH
 TACTILE DISCRIMINATION
 VERTICAL PERCEPTION
 VIBRATION PERCEPTION
 VISUAL PERCEPTION
 CRITICAL FLICKER FUSION
 SPACE PERCEPTION
 AUTOKINESIS
 VISUAL DISCRIMINATION
 RT AFTERIMAGES
 ANESTHESIA
 ELECTRO CUTANEOUS COMMUNICATION
 ITCHING

SENSORY STIMULATION

GS STIMULATION
SENSORY STIMULATION
 RT CHRONAXY
 EMOTIONAL FACTORS
 SUBLIMINAL STIMULI

SENTENCES

GS LANGUAGES
SENTENCES
 WORDS (LANGUAGE)
 SYLLABLES
 LINGUISTICS
 SYNTAX
SENTENCES
 WORDS (LANGUAGE)
 SYLLABLES
 RT COMMUNICATION THEORY
 MESSAGES
 SEMANTICS
 SIGNAL RECEPTION
 SIGNAL TRANSMISSION
 SPEECH
 TALKING

SENTINEL SYSTEM

GS WEAPON SYSTEMS
SENTINEL SYSTEM
 RT ANTIMISSILE DEFENSE
 ANTIMISSILE MISSILES
 CIVIL DEFENSE
 NIKE MISSILES
 SAFEGUARD SYSTEM
 SPARTAN MISSILE
 SPRINT MISSILE
 SURFACE TO AIR MISSILES
 ∞ SYSTEMS

SEO (INDIAN SPACECRAFT)

USE INDIAN SPACECRAFT

SEOCs (SATELLITE)

GS SATELLITES
 ARTIFICIAL SATELLITES
 METEOROLOGICAL SATELLITES
SEOCs (SATELLITE)

SEOS

USE SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE

SEPAC (PAYLOAD)

UF SPACE EXPR WITH PARTICLE
 ACCELERATORS
 GS PAYLOADS
SEPAC (PAYLOAD)

SEPAC (PAYLOAD)-(CONT.)

RT ∞ ACCELERATORS
 PARTICLE ACCELERATORS
 SPACELAB

SEPARATED FLOW

UF FLOW SEPARATION
 GS FLUID FLOW
 VISCOUS FLOW
 BOUNDARY LAYER FLOW
SEPARATED FLOW
 BOUNDARY LAYER SEPARATION
 RT CAVITATION FLOW
 CONICAL FLOW
 CROCCO-LEE THEORY
 FLOW CHARACTERISTICS
 FLOW DISTRIBUTION
 REATTACHED FLOW
 REVERSED FLOW
 ∞ SEPARATION
 SURFACE ROUGHNESS EFFECTS
 TURBULENCE EFFECTS
 VORTEX FLAPS

∞ SEPARATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 UF SEGREGATION
 RT ADSORPTION
 AERATION
 AGGLOMERATION
 AGITATION
 BENEFICIATION
 BOUNDARY LAYER SEPARATION
 BREAKING
 CENTRIFUGING
 CHEMICAL FRACTIONATION
 CHIPPING
 CLASSIFIERS
 CLEANING
 COAGULATION
 COALESCING
 COANDA EFFECT
 COLLOIDS
 CONCENTRATING
 CONDENSING
 CRYSTALLIZATION
 CUTTING
 DECONTAMINATION
 DEGASSING
 DEHUMIDIFICATION
 DEHYDRATION
 DEIONIZATION
 DELAMINATING
 DEMINERALIZING
 DEOXYGENATION
 DEPOSITION
 DESCALING
 DESORPTION
 DIALYSIS
 DIFFUSION
 DISPERSING
 DISSOLVING
 DISTILLATION
 DIVERTERS
 ∞ DIVISION
 DRYING
 ELECTRODIALYSIS
 ELECTROSTATIC PRECIPITATORS
 ELIMINATION
 ELUTION
 EVAPORATION
 EXCHANGING
 EXCLUSION
 EXTERNAL STORE SEPARATION
 EXTRACTION
 FILTRATION
 FLAKING
 FLASHING (VAPORIZING)
 FLOTATION
 FLUSHING
 FOAMING
 FRACTIONATION
 FRACTURING
 HOMOGENIZING
 ION EXCHANGING
 ION EXTRACTION
 ION STRIPPING
 ISOLATION
 LEACHING
 MATERIALS RECOVERY
 MELTING
 MIXING
 OSMOSIS

SEPARATION-(CONT.)

PERCOLATION
 POLARIZATION (CHARGE SEPARATION)
 PRECIPITATION (CHEMISTRY)
 PURGING
 PURIFICATION
 RADIOCHEMICAL SEPARATION
 RECRYSTALLIZATION
 REFINING
 REMOVAL
 SCRAPERS
 SEPARATED FLOW
 SEPARATORS
 SETTLING
 SHAKING
 SHEARING
 SIZE SEPARATION
 SLICING
 SOLVENT EXTRACTION
 SORPTION
 SPACING
 SPLITTING
 SPREADING
 STAGE SEPARATION
 STRIPPING (DISTILLATION)
 SUBLIMATION
 SWIRLING
 THERMAL DIFFUSION
 TUMBLING MOTION
 VAPORIZING
 VENTING
 WASHING
 ZONE MELTING

SEPARATORS

UF BATTERY SEPARATORS
 GS **SEPARATORS**
 CLASSIFIERS
 SIZING SCREENS
 THICKENERS (EQUIPMENT)
 DIVIDERS
 DRYING APPARATUS
 DESICCATORS
 DUST COLLECTORS
 EVAPORATORS
 FLUID FILTERS
 AIR FILTERS
 PRECIPITATORS
 ELECTROSTATIC PRECIPITATORS
 SIEVES
 SPIRALS (CONCENTRATORS)
 STILLs
 RT CENTRIFUGES
 CLEANERS
 COLUMNS (PROCESS ENGINEERING)
 CONCENTRATING
 CONCENTRATORS
 CONDENSERS (LIQUEFIERS)
 CURTAINS
 ∞ DIFFUSERS
 DIVERTERS
 ∞ FILTERS
 FLOATS
 FLUIDIZED BED PROCESSORS
 FURNACES
 ION EXCHANGE MEMBRANE
 ELECTROLYTES
 MIXERS
 ∞ SEPARATION
 SHAKERS
 SPACERS
 TRAPS
 VAPORIZERS
 WASHERS (CLEANERS)
 WASHERS (SPACERS)
 WINDOWS (APERTURES)

SEPTUM

RT MEDIASTINUM
 MEMBRANES
 ∞ PARTITIONS

SEQUENCING

RT CONSECUTIVE EVENTS
 COORDINATION
 CRITICAL PATH METHOD
 INTERRUPTION
 ∞ OPERATIONS
 OPERATIONS RESEARCH
 PACKET SWITCHING
 PETRI NETS
 PLANNING
 PRIORITIES
 RANKING
 SCHEDULING

SEQUENTIAL ANALYSIS

SEQUENCING-(CONT)

SEQUENTIAL CONTROL
SWITCHING
SWITCHING THEORY
TURNAROUND (STS)

SEQUENTIAL ANALYSIS

GS STATISTICAL ANALYSIS
SEQUENTIAL ANALYSIS
RT QUALITY CONTROL
SAMPLING

SEQUENTIAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SEQUENTIAL COMPUTERS

SEQUENTIAL CONTROL

GS AUTOMATIC CONTROL
SEQUENTIAL CONTROL
RT ACCURACY
COMPUTER PROGRAMMING
CONSECUTIVE EVENTS
 ∞ CONTROL
DATA FLOW ANALYSIS
NUMERICAL CONTROL
SEQUENCING

SERGEANT MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
SERGEANT MISSILES
RT JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES

SERGENIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
SERGENIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
SERGENIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
SERGENIUM
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
SERGENIUM

SERIES (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
CAMPBELL-HAUSDORFF SERIES
COSINE SERIES
FOURIER SERIES
PADE APPROXIMATION
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
PROGRESSIONS
PRONY SERIES
SINE SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
CAMPBELL-HAUSDORFF SERIES
COSINE SERIES
FOURIER SERIES
PADE APPROXIMATION
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
PROGRESSIONS
PRONY SERIES
SINE SERIES
RT ABEL FUNCTION
CHEBYSHEV APPROXIMATION
DIVERGENCE
FORM FACTORS
FOURIER-BESSEL TRANSFORMATIONS
FUNCTION SPACE
FUNCTIONAL ANALYSIS
GIBBS PHENOMENON
INFINITY
SERIES EXPANSION

SERIES (MATHEMATICS)-(CONT)

SUMS

SERIES EXPANSION

GS EXPANSION
SERIES EXPANSION
RT ASYMPTOTIC SERIES
DIVERGENCE
 ∞ MATHEMATICS
SERIES (MATHEMATICS)

SEROTONIN

GS AMINES
TRYPTAMINES
SEROTONIN
ORGANIC COMPOUNDS
SEROTONIN

SERPENTINE

GS MINERALS
SERPENTINE
RT ASBESTOS
CHROMITES
ROCKS
SOILS

SERRATIA

GS MICROORGANISMS
BACTERIA
SERRATIA

SERT (ROCKET TESTS)

USE SPACE ELECTRIC ROCKET TESTS

SERT 1 SPACECRAFT

RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
 ∞ SPACECRAFT

SERT 2 SPACECRAFT

RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
 ∞ SPACECRAFT

SERUMS

GS **SERUMS**
INOCULUM
RT ANTISERUMS
 ∞ FLUIDS
PROTEINS

SERVICE LIFE

UF MACHINE LIFE
GS LIFE (DURABILITY)
SERVICE LIFE
RT ACCELERATED LIFE TESTS
 ∞ EQUIPMENT
FATIGUE LIFE
MAINTENANCE
RETIREMENT FOR CAUSE

SERVICE MODULES

GS MODULES
SERVICE MODULES
SPACECRAFT COMPONENTS
SERVICE MODULES
RT APOLLO SPACECRAFT
COMMAND MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES

SERVICES

GS **SERVICES**
MEDICAL SERVICES
METEOROLOGICAL SERVICES
RT ∞ FOOD
GOVERNMENT PROCUREMENT
INVENTORY MANAGEMENT
LOGISTICS
LOGISTICS MANAGEMENT
MATERIALS HANDLING
PERSONNEL
PROCUREMENT
PROCUREMENT MANAGEMENT
PRODUCTS
SITE SELECTION
SUPPORT SYSTEMS
TRANSPORTATION
UTILITIES

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SERVOAMPLIFIERS

GS AMPLIFIERS
SERVOAMPLIFIERS
CONTROL EQUIPMENT
SERVOAMPLIFIERS
CONTROLLERS
SERVOMECHANISMS
SERVOAMPLIFIERS
RT FEEDBACK AMPLIFIERS
FLY BY TUBE CONTROL
SERVOCONTROL

SERVOCONTROL

UF SERVOSTABILITY CONTROL
RT AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
 ∞ CONTROL
CONTROL MOMENT GYROSCOPES
CONTROL THEORY
DIGITAL COMMAND SYSTEMS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
MANIPULATORS
MANUAL CONTROL
OFF-ON CONTROL
PNEUMATIC EQUIPMENT
PROPORTIONAL CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SERVOAMPLIFIERS
SERVOMECHANISMS
SERVOMOTORS
STEPPING MOTORS
TURBOJET ENGINE CONTROL
VISUAL CONTROL

SERVOMECHANISMS

GS CONTROLLERS
SERVOMECHANISMS
SERVOAMPLIFIERS
SERVOMOTORS
RT ACTIVE CONTROL
ACTUATORS
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
 ∞ AUTOMATION
 ∞ CONTROL
CONTROL MOMENT GYROSCOPES
ELECTRIC MOTORS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
RADAR EQUIPMENT
REMOTE CONTROL
ROBOTS
SELF ALIGNMENT
SERVOCONTROL
STEPPING MOTORS

SERVOMOTORS

UF MAGNESYN (TRADEMARK)
SELSYNS (TRADEMARK)
SERVOS
GS CONTROLLERS
SERVOMECHANISMS
SERVOMOTORS
MOTORS
SERVOMOTORS
RT ACTUATORS
AMPLIDYNES
AUTOMATIC CONTROL
ELECTRIC MOTORS
HELIOSTATS
 ∞ ROTATING ELECTRICAL MACHINES
 ∞ SENSORS
SERVOCONTROL
SLEWING
SYNCHRONIZERS
TORQUE MOTORS

SERVOS

USE SERVOMOTORS

SERVOSTABILITY CONTROL

USE SERVOCONTROL

SES

USE SURFACE EFFECT SHIPS

SET

SN (EXCLUDES SET THEORY)
GS MECHANICAL PROPERTIES
SET
RT DEFORMATION

NASA THESAURUS (VOLUME 1)

SET-(CONT)

SHEAR PROPERTIES

SET THEORY

UF SUBSETS (MATHEMATICS)
GS MATHEMATICAL LOGIC

SET THEORY

BOREL SETS
EQUIVALENCE
THRESHOLD LOGIC

RT BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMBINATORIAL ANALYSIS

∞ CONJUNCTION

FIBONACCI NUMBERS

FRACTALS

FUZZY SETS

FUZZY SYSTEMS

GRAPH THEORY

HOMOTROPY

HYPERPLANES

LATTICES (MATHEMATICS)

LEBESGUE THEOREM

ORLICZ SPACE

PERMUTATIONS

∞ SPACE

SUBDIVISIONS

SUBGROUPS

∞ THEORIES

SETI

USE PROJECT SETI

∞ SETTING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ADJUSTING
COAGULATION
CURING
HARDENING (MATERIALS)
POLYMERIZATION
POSITIONING
SOLIDIFICATION

SETTLING

RT ACCUMULATIONS
AGGLOMERATION
AGITATION
BENEFICIATION
COAGULATION
COALESCING
CONCENTRATING
CRYSTALLIZATION
DEPOSITION
EFFLUENTS
FLOCCULATING
FLOTATION
PARTICLE MOTION
PRECIPITATION (CHEMISTRY)
∞ PROCESSING
∞ SEPARATION
SIZE SEPARATION
STOKES LAW (FLUID MECHANICS)
SUBSIDENCE
WATER TREATMENT

SETUPS

RT MACHINING
TOOLING

SEVERE STORMS OBSERVING SATELLITE

USE STORMSAT SATELLITE

SEWAGE

GS WASTES
SEWAGE
SOLID WASTES
RT ACTIVATED SLUDGE
EFFLUENTS
ENVIRONMENT EFFECTS
HUMAN WASTES
LIQUID WASTES
METABOLIC WASTES
ORGANIC WASTES (FUEL CONVERSION)
SEWERS
WASTE DISPOSAL
WATER TREATMENT

SEWAGE TREATMENT

GS WASTE TREATMENT
SEWAGE TREATMENT
RT AEROBES
ANAEROBES
CHEMICAL STERILIZATION

SEWAGE TREATMENT-(CONT)

FILTRATION
MODULAR INTEGRATED UTILITY SYSTEM
PURIFICATION
SEDIMENTS
SLUDGE
∞ TREATMENT
WASTE DISPOSAL

SEWERS

GS PIPELINES
SEWERS
RT DRAINAGE
EFFLUENTS
GARBAGE
HUMAN WASTES
METABOLIC WASTES
SANITATION
SEWAGE
WASTE DISPOSAL
WASTES

SEWING

RT BINDING
∞ JOINING
NEEDLES
WEAVING

SEX

RT ∞ DRIVES
FEMALES
MALES
SEX FACTOR

SEX FACTOR

RT FEMALES
MALES
PHYSIOLOGICAL FACTORS
PHYSIOLOGY
PSYCHOLOGICAL FACTORS
SEX
SEX GLANDS

SEX GLANDS

GS ANATOMY
GLANDS (ANATOMY)
SEX GLANDS
GONADS
OVARIES
PROSTATE GLAND
TESTES
VISCERA
SEX GLANDS
GONADS
OVARIES
PROSTATE GLAND
TESTES
RT ESTROGENS
∞ REPRODUCTION
SEX FACTOR

SEXTANTS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
SEXTANTS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SEXTANTS
RT NAVIGATION AIDS
POSITION INDICATORS
STADIMETERS
THEODOLITES
TRANSITS

SEYFERT GALAXIES

GS CELESTIAL BODIES
GALAXIES
SEYFERT GALAXIES
RT GALACTIC NUCLEI
INFRARED RADIATION
LINE SPECTRA
LUMINOUS INTENSITY
STELLAR SPECTRA
ULTRAVIOLET RADIATION

SFAR

USE SOUND FIXING AND RANGING

SFERICS

USE ATMOSPHERICS

SGEMP

USE SYSTEM GENERATED
ELECTROMAGNETIC PULSES

SHAFTS (MACHINE ELEMENTS)

SGR (NUCLEAR REACTORS)

USE SODIUM GRAPHITE REACTORS

SH-3 HELICOPTER

UF HSS-2 HELICOPTER
SEA KING HELICOPTER
SIKORSKY HSS-2 HELICOPTER
GS ANTISUBMARINE WARFARE AIRCRAFT
SH-3 HELICOPTER
SIKORSKY AIRCRAFT
SH-3 HELICOPTER
TRANSPORT AIRCRAFT
SH-3 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
SH-3 HELICOPTER
RT S-61 HELICOPTER
SH-4 HELICOPTER

SH-4 HELICOPTER

GS ANTISUBMARINE WARFARE AIRCRAFT
SH-4 HELICOPTER
SIKORSKY AIRCRAFT
SH-4 HELICOPTER
TRANSPORT AIRCRAFT
SH-4 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
SH-4 HELICOPTER
RT S-61 HELICOPTER
SH-3 HELICOPTER

SHACKLETON BOMBER

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
SHACKLETON BOMBER
HAWKER SIDDELEY AIRCRAFT
SHACKLETON BOMBER
MONOPLANES
SHACKLETON BOMBER

SHADES

RT LOUVERS
SHIELDING
∞ SHUTTERS

SHADOWGRAPH PHOTOGRAPHY

UF SHADOWGRAPHS
SPARK SHADOWGRAPH PHOTOGRAPHY
GS IMAGERY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
COLOR PHOTOGRAPHY
FLOW VISUALIZATION
WIND TUNNEL MODELS

SHADOWGRAPHS

USE SHADOWGRAPH PHOTOGRAPHY

SHADOWS

GS SHADOWS
LUNAR SHADOW
PENUMBRAS
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DARKNESS
ILLUMINATING
LIGHT (VISIBLE RADIATION)
NIGHT
SELF SHADOWING
UMBRAS

SHAFTS (MACHINE ELEMENTS)

UF AXLES
JOURNALS (SHAFTS)
TRUNNIONS
GS ROTATING SHAFTS
SHAFTS (MACHINE ELEMENTS)
TURBOSHAFTS
RT AXES OF ROTATION
BEARINGS
BUSHINGS
∞ JOURNALS
∞ LOADING
LOADS (FORCES)
MANDRELS
MECHANICAL DRIVES
PACKINGS (SEALS)
PINTLES

SHAKERS

NASA THESAURUS (VOLUME 1)

SHAFTS (MACHINE ELEMENTS)-(CONT)
 PIVOTS
 ROTATING CYLINDERS
 SPINDLES
 SUPPORTS
 TORQUE
 TRANSMISSIONS (MACHINE ELEMENTS)
 VEHICLE WHEELS
 WHEELS

SHAKERS

RT CLASSIFIERS
 MIXERS
 SEPARATORS
 SHAKING
 SIEVES
 SIZING SCREENS
 VERTICAL MOTION SIMULATORS
 VIBRATION SIMULATORS

SHAKING

GS **SHAKING**
 DITHERS
 RT AGITATION
 BUFFETING
 DISPERSING
 EPILEPSY
 FLAPPING
 FLUTTER
 MIXING
 ∞ SEPARATION
 SHAKERS
 STRUCTURAL VIBRATION
 SUSPENDING (MIXING)
 SWIRLING
 VIBRATION

SHALE OIL

GS OILS
SHALE OIL
 RT FUEL OILS
 FUELS
 GASOLINE
 HYDROCARBON FUELS
 KEROGEN
 KEROSENE
 LUBRICATING OILS
 PARAFFINS
 RETORT PROCESSING

SHALES

GS ROCKS
SHALES
 SEDIMENTARY ROCKS
SHALES
 RT BOREHOLES
 CLAYS
 EARTH RESOURCES
 MINERALS
 SOILS

SHALLOW SHELL EQUATIONS

RT END PLATES
 ∞ EQUATIONS
 PRESSURE VESSELS
 STRESS ANALYSIS

SHALLOW SHELLS

GS SHELLS (STRUCTURAL FORMS)
SHALLOW SHELLS
 RT CRITICAL LOADING
 SHELL STABILITY
 SHELL THEORY

SHALLOW WATER

GS WATER
SHALLOW WATER
 RT CNOIDAL WAVES
 FISHERIES
 OCEANOGRAPHY
 OCEANS
 REEFS
 SEAS
 SHORELINES
 TOPOGRAPHY
 WATER DEPTH

SHANKS

USE JOINTS (JUNCTIONS)

SHANNON INFORMATION THEORY

USE INFORMATION THEORY

SHANNON-WIENER MEASURE

RT ENTROPY
 INFORMATION THEORY
 RANDOM VARIABLES

SHAPE CONTROL

RT ACTUATORS
 ∞ CONTROL
 CONTROL THEORY
 FLEXIBLE SPACECRAFT
 LARGE SPACE STRUCTURES
 SPACE PLATFORMS
 SPACECRAFT CONTROL

SHAPE MEMORY ALLOYS

GS ALLOYS
SHAPE MEMORY ALLOYS
 NITINOL ALLOYS
 RT MICROSTRUCTURE
 NICKEL ALLOYS
 PHASE TRANSFORMATIONS
 PLASTIC MEMORY
 STRESS-STRAIN DIAGRAMS
 TEMPERATURE EFFECTS
 TITANIUM ALLOYS
 TRANSITION METALS

SHAPED CHARGES

GS EXPLOSIVE DEVICES
SHAPED CHARGES
 RT AMMUNITION
 BOMBS (ORDNANCE)
 EXPLOSIVE FORMING
 EXPLOSIVES
 PROJECTILES
 TORPEDOES
 WARHEADS
 WEAPONS

SHAPERS

GS TOOLS
 MACHINE TOOLS
SHAPERS
 RT GRINDING MACHINES
 MILLING MACHINES

SHAPES

UF CURVED SURFACES
 FORM
 GS **SHAPES**
 CONVEXITY
 ELLIPTICITY
 FLATNESS
 LINE SHAPE
 OGEE SHAPE
 ROSETTE SHAPES
 T SHAPE
 RT ASYMMETRY
 CONCAVITY
 CONTOUR SENSORS
 CONTOURS
 CORNERS
 ∞ CROSS SECTIONS
 CURVATURE
 CURVED PANELS
 GEOIDS
 GEOMETRY
 MORPHOLOGY
 OBLATE SPHEROIDS
 PLANFORMS
 ∞ PROFILES
 PROFILOMETERS
 PROLATENESS
 ∞ SURFACE GEOMETRY
 SYMMETRY
 TOPOLOGY

SHARKS

GS ANIMALS
 VERTEBRATES
 FISHES
SHARKS

SHARP LEADING EDGES

GS EDGES
 LEADING EDGES
SHARP LEADING EDGES

∞ SHARPNESS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT CLARITY
 CONTRAST
 PRECISION

SHATTER CONES

GS CONES
SHATTER CONES
 ROCKS
SHATTER CONES
 RT CARBONACEOUS ROCKS
 CRUSTAL FRACTURES
 FORMATIONS
 GEOLOGY
 GEOMORPHOLOGY
 METEORITE COLLISIONS
 METEORITE CRATERS
 SEDIMENTARY ROCKS
 SHOCK LOADS
 STRIATION
 STRUCTURAL PROPERTIES (GEOLOGY)

SHATTERING

USE FRAGMENTATION

SHAWNEE HELICOPTER

USE CH-21 HELICOPTER

∞ SHEAR

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT DILATATIONAL WAVES
 SHEARING
 SHEARS

SHEAR CREEP

GS MECHANICAL PROPERTIES
 CREEP PROPERTIES
SHEAR CREEP
 RT PLASTIC DEFORMATION
 TENSILE CREEP

SHEAR DISTURBANCES

USE S WAVES

SHEAR FATIGUE

USE SHEAR STRESS

SHEAR FLOW

GS FLUID FLOW
SHEAR FLOW
 RT COAXIAL FLOW
 CORE FLOW
 CREEP PROPERTIES
 ∞ FLOW
 GRAZING FLOW
 KOLMOGOROFF THEORY
 KROOK EQUATION
 MIXING LENGTH FLOW THEORY
 PLASTIC FLOW
 RICHARDSON NUMBER
 STRATIFIED FLOW

SHEAR LAYERS

UF CHAPMAN SHEAR LAYER
 RT BOUNDARY LAYERS
 IONOSPHERE
 ∞ LAYERS
 SHOCK LAYERS
 SHOCK WAVE CONTROL
 ∞ TRANSITION LAYERS

SHEAR PROPERTIES

GS MECHANICAL PROPERTIES
SHEAR PROPERTIES
 SHEAR STRENGTH
 RT CREEP PROPERTIES
 DUCTILITY
 FATIGUE (MATERIALS)
 HOOKES LAW
 HYSTERESIS
 IMPACT STRENGTH
 MODULUS OF ELASTICITY
 ∞ PROPERTIES
 RESILIENCE
 SET
 STRESS RELAXATION
 STRESS-STRAIN DIAGRAMS
 STRESSES
 TEMPERATURE INVERSIONS
 TOUGHNESS

SHEAR STRAIN

RT MECHANICAL PROPERTIES
 STRUCTURAL STRAIN
 TORSIONAL VIBRATION

NASA THESAURUS (VOLUME 1)

SHIFTING EQUILIBRIUM FLOW

SHEAR STRENGTH
 GS MECHANICAL PROPERTIES
 SHEAR PROPERTIES
SHEAR STRENGTH
 RT COMPRESSIVE STRENGTH
 FIBER STRENGTH
 HIGH STRENGTH
 INTERFACIAL ENERGY
 ∞ STRENGTH
 TENSILE STRENGTH

SHEAR STRESS
 UF SHEAR FATIGUE
 SHEARING STRESS
 GS STRESSES
SHEAR STRESS
 TORSIONAL STRESS
 RT MECHANICAL PROPERTIES

SHEAR WAVES
 USE S WAVES

SHEARING
 GS CUTTING
SHEARING
 RT BLANKING (CUTTING)
 COLD WORKING
 FAILURE
 FAILURE MODES
 HOT WORKING
 LOADS (FORCES)
 METAL CUTTING
 METAL WORKING
 ∞ SEPARATION
 ∞ SHEAR
 SHEARS
 STAMPING
 STRUCTURAL STRAIN

SHEARING STRESS
 USE SHEAR STRESS

SHEARS
 GS CUTTERS
SHEARS
 TOOLS
SHEARS
 RT MACHINE TOOLS
 SAWS
 ∞ SHEAR
 SHEARING

SHEATHS
 GS **SHEATHS**
 ION SHEATHS
 PLASMA SHEATHS
 RT ∞ CASING
 ENCAPSULATING
 FAIRINGS
 JACKETS
 LININGS
 PROTECTORS
 ROOFS
 WALLS

SHEDDING
 RT EJECTION
 MOLTING
 PEELING
 VORTEX SHEDDING

SHEDS
 RT SHELTERS

SHEEP
 GS ANIMALS
 VERTEBRATES
 MAMMALS
SHEEP
 RT LIVESTOCK
 WOOL

SHEET METAL
 USE METAL SHEETS

∞ **SHEETS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT COATINGS
 CURRENT SHEETS
 ELASTIC SHEETS
 FABRICS
 FLAT PLATES

SHEETS-(CONT)
 LAMINATES
 MEMBRANE STRUCTURES
 MEMBRANES
 METAL FOILS
 METAL SHEETS
 MULTILAYER INSULATION
 NEUTRAL SHEETS
 PANELS
 PAPERS
 POLYMERIC FILMS
 THICK PLATES
 THIN PLATES
 VORTEX SHEETS
 VORTEX STREETS
 WEBS (SHEETS)

SHELL ANODES
 GS ELECTRODES
 ANODES
SHELL ANODES
 RT HEAT MEASUREMENT

SHELL STABILITY
 GS MECHANICAL PROPERTIES
 DIMENSIONAL STABILITY
 STRUCTURAL STABILITY
SHELL STABILITY
 STABILITY
 STATIC STABILITY
 DIMENSIONAL STABILITY
 STRUCTURAL STABILITY
SHELL STABILITY
 RT BUCKLING
 FLUID FILLED SHELLS
 LIQUID FILLED SHELLS
 ORTHOTROPIC SHELLS
 REINFORCED SHELLS
 SHALLOW SHELLS

SHELL THEORY
 RT PERFORATED SHELLS
 SELF CONSISTENT FIELDS
 SHALLOW SHELLS
 ∞ THEORIES

SHELLFISH
 RT COASTAL WATER
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 MARINE RESOURCES
 MOLLUSKS

SHELLS (STRUCTURAL FORMS)
 GS **SHELLS (STRUCTURAL FORMS)**
 ANISOTROPIC SHELLS
 CIRCULAR SHELLS
 CONICAL SHELLS
 CORRUGATED SHELLS
 CYLINDRICAL SHELLS
 DOMES (STRUCTURAL FORMS)
 RADOMES
 ELASTIC SHELLS
 FLUID FILLED SHELLS
 LIQUID FILLED SHELLS
 HEMISPHERICAL SHELLS
 METAL SHELLS
 ORTHOTROPIC SHELLS
 PERFORATED SHELLS
 REINFORCED SHELLS
 SHALLOW SHELLS
 SPHERICAL SHELLS
 SPHERICAL CAPS
 THIN WALLED SHELLS
 TOROIDAL SHELLS
 RT AIRCRAFT STRUCTURES
 ARCHES
 BAYS (STRUCTURAL UNITS)
 ∞ CAPSULES
 COVERINGS
 COWLINGS
 ENCLOSURES
 FAIRINGS
 HOUSINGS
 HULLS (STRUCTURES)
 ISOTENSOID STRUCTURES
 MEMBRANE STRUCTURES
 MEMBRANES
 MONOCOQUE STRUCTURES
 NACELLES
 PRESSURE VESSEL DESIGN
 PROTUBERANCES
 ROCKET ENGINE CASES
 SKIN (STRUCTURAL MEMBER)
 WALLS

SHELTERS
 GS **SHELTERS**
 LUNAR SHELTERS
 RT ∞ BUILDINGS
 CIVIL DEFENSE
 ENVIRONMENTAL ENGINEERING
 HABITABILITY
 SHEDS
 STARSITE PROGRAM
 SURVIVAL

∞ **SHELVES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT BEDROCK
 CASES (CONTAINERS)
 CLIFFS
 CONTINENTAL SHELVES
 RACKS (FRAMES)
 REEFS

SHENANDOAH VALLEY (VA)
 GS VALLEYS
 RT **SHENANDOAH VALLEY (VA)**
 RIVER BASINS
 VIRGINIA

SHIELDING
 GS **SHIELDING**
 ELECTROMAGNETIC SHIELDING
 RADIO FREQUENCY SHIELDING
 ELECTROSTATIC SHIELDING
 HEAT SHIELDING
 REENTRY SHIELDING
 REUSABLE HEAT SHIELDING
 MAGNETIC SHIELDING
 RADIATION SHIELDING
 SOLAR RADIATION SHIELDING
 SPACECRAFT SHIELDING
 RT ABLATIVE NOSE CONES
 ABSORBERS (MATERIALS)
 ARMOR
 ATTENUATION
 ATTENUATORS
 BAFFLES
 ∞ BARRIERS
 BLAST DEFLECTORS
 BLINDS
 DEFLECTORS
 DIVERTERS
 ENCLOSURES
 FLAME DEFLECTORS
 GUARDS (SHIELDS)
 HOUSINGS
 LININGS
 LOUVERS
 MANIPULATORS
 PANELS
 PROTECTION
 PROTECTORS
 SAFETY DEVICES
 ∞ SCREENS
 SHADES
 SUPPRESSORS
 WINDOWS (APERTURES)
 WINDSHIELDS

SHIELDS (GEOLOGY)
 USE BEDROCK

∞ **SHIFT**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT EXCHANGING
 FREQUENCY SHIFT
 PHASE SHIFT
 SHIFT REGISTERS
 TRANSFERRING

SHIFT REGISTERS
 RT COMPUTER COMPONENTS
 COMPUTER STORAGE DEVICES
 DELAY LINES (COMPUTER STORAGE)
 DIGITAL TECHNIQUES
 REGISTERS (COMPUTERS)
 ∞ SHIFT

SHIFTING EQUILIBRIUM FLOW
 GS FLUID FLOW
 GAS FLOW
 EQUILIBRIUM FLOW
 SHIFTING EQUILIBRIUM FLOW
 RT FROZEN EQUILIBRIUM FLOW

SHILLELAGH MISSILES

SHILLELAGH MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
SHILLELAGH MISSILES

SHIP HULLS

GS HULLS (STRUCTURES)
SHIP HULLS
RT HYDRODYNAMIC COEFFICIENTS
HYDRODYNAMICS
SHIPS
STRUCTURAL DESIGN
SUBMARINES

SHIP TERMINALS

GS TERMINAL FACILITIES
SHIP TERMINALS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
HARBORS
MAROTS (ESA)
OFFSHORE DOCKING
TANKER TERMINALS
∞ TERMINALS
WHARVES

SHIP TO SHORE COMMUNICATION

GS TELECOMMUNICATION
COMMUNICATION
SHIP TO SHORE COMMUNICATION
RT DATA TRANSMISSION
RADIO COMMUNICATION
SHIPS
TELEMETRY

SHIPS

GS WATER VEHICLES
SHIPS
ADVANCED RANGE
INSTRUMENTATION SHIP
AIRCRAFT CARRIERS
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
SATELLITE COMMUNICATIONS SHIPS
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
SURFACE EFFECT SHIPS
SWATH (SHIP)
RT AMPHIBIOUS VEHICLES
ANTISHIP MISSILES
ANTISHIP WARFARE
BOATS
HARBORS
HYDROFOIL CRAFT
HYDROFOILS
KEELS
MARINE TRANSPORTATION
∞ MILITARY VEHICLES
NAVY
OCEAN DATA ACQUISITIONS SYSTEMS
PROPELLERS
RESEARCH VEHICLES
SHIP HULLS
SHIP TO SHORE COMMUNICATION
SHIPYARDS
SURFACE NAVIGATION
SURFACE VEHICLES
∞ TRANSPORT VEHICLES
TRANSPORTATION ENERGY
UNDERWATER VEHICLES
∞ VESSELS

SHIPYARDS

RT CARGO SHIPS
CONSTRUCTION
ENCLOSURES
INDUSTRIAL AREAS
INDUSTRIES
LOGISTICS
MAINTENANCE
OCEANOGRAPHY
∞ PORTS
SHIPS
TANKER SHIPS
WATER VEHICLES

SHIVA LASER SYSTEM

GS STIMULATED EMISSION DEVICES
LASERS

SHIVA LASER SYSTEM-(CONT)

HIGH POWER LASERS
SHIVA LASER SYSTEM
RT COHERENT LIGHT
LASER FUSION
LASER OUTPUTS
NOVA LASER SYSTEM
∞ SYSTEMS

SHIVERING

GS SHIVERING
DITHERS
RT BODY TEMPERATURE

SHOALS

GS WATER
SHOALS
RT BEACHES
LAKES
OCEANOGRAPHY
OCEANS
REEFS
RIVERS
SEAS
WATER DEPTH

∞ SHOCK

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONVULSIONS
MECHANICAL SHOCK
SHOCK (PHYSIOLOGY)
SHOCK RESISTANCE
THERMAL SHOCK

SHOCK (PHYSIOLOGY)

RT HUMAN REACTIONS
HUMAN TOLERANCES
PHYSIOLOGICAL EFFECTS
∞ SHOCK

SHOCK ABSORBERS

RT ∞ ABSORBERS
ABSORBERS (EQUIPMENT)
CUSHIONS
DAMPING
ENERGY ABSORPTION
HYDRAULIC EQUIPMENT
IMPACT
IMPACT ACCELERATION
ISOLATORS
LANDING GEAR
MECHANICAL SHOCK
PNEUMATIC EQUIPMENT
SILENCERS
SPRINGS (ELASTIC)
SUSPENSION SYSTEMS (VEHICLES)
VIBRATION DAMPING
VIBRATION ISOLATORS

SHOCK DIFFUSERS

USE
DIFFUSERS
SHOCK WAVE ATTENUATION

SHOCK DISCONTINUITY

GS DISCONTINUITY
SHOCK DISCONTINUITY
RT DENSITY DISTRIBUTION
WAVE FRONTS

SHOCK FRONTS

GS WAVE FRONTS
SHOCK FRONTS
RT ∞ FRONTS
WAVE PROPAGATION
WAVE SCATTERING

SHOCK HEATING

GS HEATING
AERODYNAMIC HEATING
SHOCK HEATING
KINETIC HEATING
SHOCK HEATING
TRANSIENT HEATING
SHOCK HEATING
RT MAGNETOHYDRODYNAMIC SHEAR
HEATING
PLASMA HEATING

SHOCK LAYERS

RT ∞ LAYERS
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES

NASA THESAURUS (VOLUME 1)

SHOCK LAYERS-(CONT)

SHEAR LAYERS
STRESS WAVES
∞ TRANSITION LAYERS

SHOCK LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
TRANSIENT LOADS
SHOCK LOADS
BLAST LOADS
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
COMPRESSION LOADS
CRUSTAL FRACTURES
IMPACT LOADS
LANDING LOADS
SHATTER CONES
STRUCTURAL DESIGN CRITERIA

SHOCK MEASURING INSTRUMENTS

GS MEASURING INSTRUMENTS
SHOCK MEASURING INSTRUMENTS
RT ACCELEROMETERS
PRESSURE GAGES
SEISMOGRAPHS
STRAIN GAGES

SHOCK RESISTANCE

GS SHOCK RESISTANCE
IMPACT RESISTANCE
RT EARTHQUAKE RESISTANCE
HIGH ACCELERATION
IMPACT
MECHANICAL PROPERTIES
MECHANICAL SHOCK
PROPELLANT SENSITIVITY
∞ RESISTANCE
SENSITIVITY
∞ SHOCK
THERMAL SHOCK
VIBRATION

SHOCK SIMULATORS

GS SIMULATORS
SHOCK SIMULATORS
RT VERTICAL MOTION SIMULATORS
VIBRATION SIMULATORS

SHOCK SPECTRA

GS SPECTRA
SHOCK SPECTRA
RT DYNAMIC STRUCTURAL ANALYSIS
ENERGY SPECTRA
MECHANICAL SHOCK
NOISE SPECTRA
STROKING TESTS
STRUCTURAL DESIGN
STRUCTURAL VIBRATION
VIBRATIONAL SPECTRA

SHOCK TESTS

RT DROP TESTS
IMPACT TESTS
LOAD TESTS
RAILROAD HUMPING TESTS
∞ TESTS
VIBRATION TESTS

SHOCK TUBES

GS SHOCK WAVE GENERATORS
SHOCK TUBES
MAGNETIC ANNULAR SHOCK TUBES
SHOCK TUNNELS
RT GAS TEMPERATURE
HOTSHOT WIND TUNNELS
HYPERSONIC FLOW
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY RESEARCH
LOW DENSITY WIND TUNNELS
MAGNETIC PISTONS
TEST FACILITIES
TUBE LASERS
∞ TUBES

SHOCK TUNNELS

GS SHOCK WAVE GENERATORS
SHOCK TUBES
SHOCK TUNNELS
TEST FACILITIES
WIND TUNNELS
HYPERSONIC WIND TUNNELS
SHOCK TUNNELS
HYPERVELOCITY WIND TUNNELS

NASA THESAURUS (VOLUME 1)

SHORT WAVE RADIATION

SHOCK TUNNELS-(CONT)

RT SHOCK TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
HYPERSONIC FLOW
LOW DENSITY RESEARCH
LOW DENSITY WIND TUNNELS
SUPERSONIC WIND TUNNELS

SHOCK WAVE ATTENUATION

UF SHOCK DIFFUSERS
GS ATTENUATION
ACOUSTIC ATTENUATION
SHOCK WAVE ATTENUATION
WAVE ATTENUATION
RT SHOCK WAVE ATTENUATION
ATMOSPHERIC ATTENUATION
NOISE REDUCTION
WAVE PROPAGATION

SHOCK WAVE CONTROL

RT CONTROL
SECONDARY INJECTION
SHEAR LAYERS

SHOCK WAVE GENERATORS

GS SHOCK WAVE GENERATORS
SHOCK TUBES
MAGNETIC ANNULAR SHOCK TUBES
SHOCK TUNNELS
RT GENERATORS
MAGNETIC PISTONS
PRESSURE SENSORS
PULSE GENERATORS
WAVE GENERATION

SHOCK WAVE INTERACTION

GS WAVE INTERACTION
SHOCK WAVE INTERACTION
RT INTERACTIONS
PROPAGATION MODES
SCATTERING
WAVE DEGRADATION

SHOCK WAVE LUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
SHOCK WAVE LUMINESCENCE
RT LOW DENSITY RESEARCH
WAVE INTERACTION

SHOCK WAVE PROFILES

RT KROOK EQUATION
PRESSURE DISTRIBUTION
PROFILES
VELOCITY DISTRIBUTION
WAVE INTERACTION

SHOCK WAVE PROPAGATION

GS TRANSMISSION
WAVE PROPAGATION
SHOCK WAVE PROPAGATION
RT ATMOSPHERIC ATTENUATION
BURGER EQUATION
CROCCO METHOD
HIGH TEMPERATURE GASES
NONEQUILIBRIUM RADIATION
RANKINE-HUGONIOT RELATION
SECONDARY INJECTION
SOUND PROPAGATION
TWO FLUID MODELS
WAVE ATTENUATION
WAVE INTERACTION

SHOCK WAVES

UF BOW SHOCK WAVES
GS ELASTIC WAVES
SHOCK WAVES
DETONATION WAVES
MACH CONES
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES
RIEMANN WAVES
SONIC BOOMS
RT ADIABATIC EQUATIONS
AERODYNAMIC NOISE
BLAST LOADS
BLASTS
BOW WAVES
CAUSTIC LINES
CRUSTAL FRACTURES
DETONATION
EARTHQUAKE DAMAGE

SHOCK WAVES-(CONT)

EARTHQUAKE RESISTANCE
EARTHQUAKE RESISTANT STRUCTURES
EARTHQUAKES
ELECTROSTATIC WAVES
EXPLODING WIRES
EXPLOSIONS
GAS TEMPERATURE
GEODYNAMICS
HUGONIOT EQUATION OF STATE
HYPERSONIC FLOW
HYPERSONIC SHOCK
HYPERSONIC WAKES
IMPACT
IMPLOSIONS
LONGITUDINAL WAVES
MACH NUMBER
MACH REFLECTION
MAGNETOHYDRODYNAMIC WAVES
MECHANICAL SHOCK
MOLECULAR RELAXATION
NOISE (SOUND)
NOVAE
PLANE WAVES
PLANETARY QUAKES
PLASMA WAVES
PLUMES
PRESSURE PULSES
SEISMIC WAVES
SOUND PRESSURE
SOUND WAVES
STRESS WAVES
SUPERSONIC FLOW
TRANSITION LAYERS
TRANSONIC FLOW
TSUNAMI WAVES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION
WAVES
WEDGE FLOW
WHITHAM RULE

SHOES

GS CLOTHING
SHOES
RT BOOTS (FOOTWEAR)
LEATHER
PROTECTIVE CLOTHING
SOCKS

SHOOTING STAR AIRCRAFT

USE T-33 AIRCRAFT

SHOPS

RT MAINTENANCE

SHORAN

UF SHORT RANGE NAVIGATION
GS NAVIGATION
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
SHORAN
RT AIR NAVIGATION
DECCA NAVIGATION
DISTANCE MEASURING EQUIPMENT
NAVIGATION AIDS
SOLAR COMPASSES

SHORELINES

RT BEACHES
COASTAL WATER
COASTS
LAKES
OCEANOGRAPHY
OCEANS
RIVERS
SHALLOW WATER
TIDAL FLATS
WETLANDS

SHORT BELFAST C MK-1 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT CIRCUIT CURRENTS

GS ELECTRIC CURRENT
SHORT CIRCUIT CURRENTS
RT OPEN CIRCUIT VOLTAGE
PHOTOVOLTIC CELLS
SHORT CIRCUITS
SOLAR CELLS
VOLT-AMPERE CHARACTERISTICS

SHORT CIRCUITS

GS ELECTRICAL FAULTS
SHORT CIRCUITS

SHORT CIRCUITS-(CONT)

RT CIRCUITS
ELECTRIC ARCS
FAILURE
JUMPERS
SHORT CIRCUIT CURRENTS
SNEAK CIRCUIT ANALYSIS
SYSTEM FAILURES

SHORT HAUL AIRCRAFT

GS TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
A-320 AIRCRAFT
MERCURE AIRCRAFT
RT AIR TRANSPORTATION
AIRCRAFT
AIRCRAFT DESIGN
AIRLINE OPERATIONS
PASSENGER AIRCRAFT
V/STOL AIRCRAFT

SHORT RANGE BALLISTIC MISSILES

GS MISSILES
BALLISTIC MISSILES
SHORT RANGE BALLISTIC MISSILES
SURFACE TO SURFACE MISSILES
SHORT RANGE BALLISTIC MISSILES
RT FIELD ARMY BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

SHORT RANGE NAVIGATION

USE SHORAN

SHORT SC-1 AIRCRAFT

USE SC-1 AIRCRAFT

SHORT SC-5 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT SC-7 AIRCRAFT

USE SC-7 AIRCRAFT

SHORT TAKEOFF AIRCRAFT

UF STOL AIRCRAFT
GS V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 940 AIRCRAFT
BREGUET 941 AIRCRAFT
C-15 AIRCRAFT
C-123 AIRCRAFT
DHC 4 AIRCRAFT
DHC 5 AIRCRAFT
QUESTOL
U-10 AIRCRAFT
RT AIRCRAFT
CIRCULATION CONTROL AIRFOILS
COMPOUND HELICOPTERS
EXTERNALLY BLOWN FLAPS
FAN IN WING AIRCRAFT
HELICOPTERS
JATO ENGINES
JET AIRCRAFT
JET FLAPS
LIFT FANS
LIFTING ROTORS
MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
ROTARY WING AIRCRAFT
SUBSONIC AIRCRAFT
TAKEOFF RUNS
TILT WING AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WINGED VEHICLES

SHORT WAVE RADIATION

SN (RADIO WAVES)
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
DECIMETER WAVES
MICROWAVE EMISSION
MILLIMETER WAVES
SUBMILLIMETER WAVES
RT FAR INFRARED RADIATION
HIGH FREQUENCIES
LONG WAVE RADIATION
MONOCHROMATIC RADIATION
RADIATION

SHORT WAVE RADIO TRANSMISSION

SHORT WAVE RADIO TRANSMISSION
 GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 RADIO TRANSMISSION
**SHORT WAVE RADIO
 TRANSMISSION**
 SIGNAL TRANSMISSION
 RADIO TRANSMISSION
**SHORT WAVE RADIO
 TRANSMISSION**
 RT HIGH FREQUENCIES
 WAVE PROPAGATION

SHORTENING
 USE REDUCTION

SHOT
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT AMMUNITION
 LAUNCHING
 ORBITAL SHOTS
 PELLETS
 SHOT NOISE
 SHOT PEENING

SHOT NOISE
 GS ELECTROMAGNETIC INTERFERENCE
 RADIO FREQUENCY INTERFERENCE
 BLACKOUT (PROPAGATION)
 ELECTROMAGNETIC NOISE
SHOT NOISE
 RT BARRITT DIODES
 SHOT
 THERMAL NOISE

SHOT PEENING
 GS HARDENING (MATERIALS)
SHOT PEENING
 METAL FINISHING
 PEENING
SHOT PEENING
 RT COLD WORKING
 DESCALING
 FATIGUE (MATERIALS)
 METAL WORKING
 SHOT
 STRAIN HARDENING
 SURFACE FINISHING
 WORK HARDENING

SHOULDERS
 RT JOINTS (ANATOMY)
 SCAPULA

SHOWERS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT COSMIC RAY SHOWERS
 FLOOD PREDICTIONS
 METEOROID SHOWERS
 RAIN
 RAIN FORESTS
 RAINSTORMS

SHRAPNEL
 RT FRAGMENTATION
 FRAGMENTS
 PROJECTILES
 WEAPONS

SHREDDING
 GS COMMINUTION
SHREDDING
 RT COMPOSTING
 CUTTING
 TEARING

SHREWS
 GS ANIMALS
 VERTEBRATES
 MAMMALS
 SHREWS

SHRIKE MISSILE
 GS MISSILES
 AIR TO SURFACE MISSILES
SHRIKE MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

SHRINKAGE
 RT CASTING
 CONTRACTION
 GROWTH
 REDUCTION
 SINTERING
 TEMPERATURE INVERSIONS
 WARPAGE

SHROUDED BODIES
 USE SHROUDS

SHROUDED NOZZLES
 RT ANNULAR NOZZLES
 NOZZLE GEOMETRY
 NOZZLE WALLS
 NOZZLES

SHROUDED PROPELLERS
 UF DUCTED PROPELLERS
 GS PROPELLERS
SHROUDED PROPELLERS
 RT DUCTED FANS
 RING WINGS
 THRUST AUGMENTATION
 XV-11A AIRCRAFT

SHROUDED TURBINES
 GS TURBOMACHINERY
 TURBINES
SHROUDED TURBINES

SHROUDS
 UF SHROUDED BODIES
 RT COVERINGS
 DUCTED BODIES
 RIGGING

SHUNTS
 USE BYPASSES
 CIRCUITS

SHUTDOWNS
 RT DEACTIVATION
 ENGINES
 SCRAM

SHUTTERS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT BLINDS
 CAMERA SHUTTERS
 LOUVERS
 SHADES

SHUTTLE AVIONICS INTEGRATION LABORATORY
 USE SAIL PROJECT

SHUTTLE BOOSTERS
 USE SPACE SHUTTLE BOOSTERS

SHUTTLE DERIVED VEHICLES
 UF SDV
 GS MANNED SPACECRAFT
SHUTTLE DERIVED VEHICLES
 RT SPACE SHUTTLE ORBITERS
 SPACE SHUTTLES
 SPACECRAFT
 SPACECRAFT DESIGN

SHUTTLE ENGINEERING SIMULATOR
 GS SIMULATORS
SHUTTLE ENGINEERING SIMULATOR
 RT SPACE SHUTTLES

SHUTTLE IMAGING RADAR
 UF SIR-A
 SIR-B
 GS PAYLOADS
SHUTTLE IMAGING RADAR
 RT RADAR GEOLOGY
 RADAR IMAGERY
 REMOTE SENSING
 SPACE SHUTTLE PAYLOADS
 SYNTHETIC APERTURE RADAR

SHUTTLE MISSION SIMULATOR
 GS SIMULATORS
SHUTTLE MISSION SIMULATOR

SHUTTLE ORBITERS
 USE SPACE SHUTTLE ORBITERS

NASA THESAURUS (VOLUME 1)

SHUTTLE PALLET SATELLITES
 UF SPAS (ESA PLATFORMS)
 GS SATELLITES
 ARTIFICIAL SATELLITES
SHUTTLE PALLET SATELLITES
 RT SPACE SHUTTLES

SI
 USE INTERNATIONAL SYSTEM OF UNITS

SIALON
 GS MIXTURES
SIALON
 RT ALUMINUM
 CERAMICS
 HIGH TEMPERATURE
 NITROGEN
 OXYGEN
 REACTION BONDING
 REFRACTORY MATERIALS
 SILICON NITRIDES
 SINTERING

SIAM MISSILES
 UF SELF INITIATED ANTIAIRCRAFT MISSILES
 GS MISSILES
 ANTIAIRCRAFT MISSILES
SIAM MISSILES
 RT AIR TO AIR MISSILES
 ANTIMISSILE MISSILES

SIBERIA
 RT ARCTIC REGIONS
 ASIA
 U S S R

SIC (COEFFICIENT)
 USE STRUCTURAL INFLUENCE COEFFICIENTS

SICILY
 GS LANDFORMS
 ISLANDS
SICILY
 RT ITALY
 MEDITERRANEAN SEA

SICKNESSES
 GS SICKNESSES
 ALTITUDE SICKNESS
 DECOMPRESSION SICKNESS

SID (IONOSPHERIC DISTURBANCES)
 USE SUDDEN IONOSPHERIC DISTURBANCES

SIDE INLETS
 GS INTAKE SYSTEMS
SIDE INLETS
 RT AIR INTAKES
 BYPASS RATIO
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 NOSE INLETS
 SCOOPS
 SUPERSONIC INLETS
 WATER INTAKES

SIDE-LOOKING RADAR
 GS RADAR
 SYNTHETIC APERTURE RADAR
SIDE-LOOKING RADAR
 RT CHANGE DETECTION
 IMAGING RADAR
 RADAR SCANNING
 SEARCH RADAR

SIDEBANDS
 RT BANDS
 DOUBLE SIDEBAND TRANSMISSION
 SELECTIVE FADING
 SINGLE SIDEBAND TRANSMISSION

SIDELobe REDUCTION
 GS ATTENUATION
SIDELobe REDUCTION
 RT HORN ANTENNAS
 RADAR ANTENNAS
 RADAR ATTENUATION
 RADAR RECEPTION
 RADAR REFLECTORS
 RADAR RESOLUTION
 REDUCTION
 SIDELOBES

SIDELOBES

GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
RT ANTENNA DESIGN
∞LOBES
NEAR FIELDS
SIDELOBE REDUCTION

SIDEREAL TIME

GS TIME
RT **SIDEREAL TIME**
ASTRONOMY
EARTH ROTATION
STELLAR MOTIONS
TIME MEASUREMENT
UNITS OF MEASUREMENT

SIDERITE METEORITES

USE IRON METEORITES

SIDERITES

GS CARBON COMPOUNDS
CARBONATES
SIDERITES
IRON COMPOUNDS
SIDERITES
MINERALS
SIDERITES

SIDES

RT EDGES
GEOMETRY
RIMS
WALLS

SIDESLIP

GS MANEUVERS
SIDESLIP
RT ROLL
SKIDDING
∞SLIP
SPACECRAFT MOTION
YAW

SIDEWASH

USE BACKWASH

SIDEWINDER MISSILES

GS MISSILES
AIR TO AIR MISSILES
SIDEWINDER MISSILES
ANTIAIRCRAFT MISSILES
SIDEWINDER MISSILES

SIEBEL AIRCRAFT

RT ∞AIRCRAFT

SIEMENS 2002 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
SIEMENS 2002 COMPUTER

SIERRA LEONE

GS NATIONS
SIERRA LEONE
RT AFRICA

SIERRA NEVADA MOUNTAINS (CA)

GS LANDFORMS
MOUNTAINS
SIERRA NEVADA MOUNTAINS (CA)
RT CALIFORNIA

SIEVES

GS SEPARATORS
SIEVES
RT FLUID FILTERS
SHAKERS
SIZING SCREENS
WIRE CLOTH

SIGHT

USE VISUAL PERCEPTION

SIGMA COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SIGMA COMPUTERS
SIGMA 9 COMPUTER

SIGMA ORIONIS

GS CELESTIAL BODIES
STARS
SIGMA ORIONIS
RT ORION CONSTELLATION

SIGMA 5 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
SIGMA 5 COMPUTER
DIGITAL COMPUTERS
SIGMA 5 COMPUTER

SIGMA 7

GS MANNED SPACECRAFT
MERCURY SPACECRAFT
SIGMA 7
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
MERCURY SPACECRAFT
SIGMA 7
SOFT LANDING SPACECRAFT
MERCURY SPACECRAFT
SIGMA 7
SPACE CAPSULES
MERCURY SPACECRAFT
SIGMA 7
RT MERCURY MA-8 FLIGHT

SIGMA 9 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
SIGMA COMPUTERS
SIGMA 9 COMPUTER

SIGMA-MESONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
VECTOR MESONS
SIGMA-MESONS
FERMIONS
BARYONS
SIGMA-MESONS
HADRONES
BARYONS
SIGMA-MESONS
MESONS
VECTOR MESONS
SIGMA-MESONS
NUCLEAR PARTICLES
BOSONS
MESONS
VECTOR MESONS
SIGMA-MESONS
RT CHARGED PARTICLES
ETA-MESONS

SIGNAL ANALYSIS

GS CORRELATION
DATA CORRELATION
SIGNAL ANALYSIS
DATA PROCESSING
DATA CORRELATION
SIGNAL ANALYSIS
RT ∞ANALYZING
DIGITAL RADAR SYSTEMS
FREQUENCY ANALYZERS
SPECTRUM ANALYSIS

SIGNAL ANALYZERS

GS MEASURING INSTRUMENTS
ANALYZERS
SIGNAL ANALYZERS
RT ANALOG COMPUTERS
AUTODYNES

SIGNAL DETECTION

GS DETECTION
SIGNAL DETECTION
CORRELATION DETECTION
RT AUTODYNES
∞DETECTORS
DISCRIMINATION
PHASE DETECTORS
PREAMPLIFIERS
RADAR DETECTION
SOUND TRANSDUCERS
TELECOMMUNICATION

SIGNAL DETECTORS

UF SIGNAL DISCRIMINATORS

SIGNAL DETECTORS-(CONT)

RT AUTODYNES
∞DETECTORS
DISCRIMINATION
MICROWAVE SENSORS
PREAMPLIFIERS
SOUND TRANSDUCERS
TELECOMMUNICATION

SIGNAL DISCRIMINATORS

USE SIGNAL DETECTORS

SIGNAL DISTORTION

GS DISTORTION
RT **SIGNAL DISTORTION**
INTERSYMBOLIC INTERFERENCE
RADIO SIGNALS
SCRAMBLING (COMMUNICATION)

SIGNAL ENCODING

GS CODING
RT **SIGNAL ENCODING**
CONCATENATED CODES
DIGITAL TO ANALOG CONVERTERS
REDUNDANCY ENCODING
SCRAMBLING (COMMUNICATION)
TELECOMMUNICATION
TRANSMITTERS
VOICE DATA PROCESSING

SIGNAL FADEOUT

USE SIGNAL FADING

SIGNAL FADING

UF SIGNAL FADEOUT
GS FADING
RT **SIGNAL FADING**
SELECTIVE FADING
ACOUSTIC INSTABILITY
ATMOSPHERIC SCATTERING
ATTENUATION
DIFFRACTION PATTERNS
ELECTROMAGNETIC ABSORPTION
GROUND EFFECT (COMMUNICATIONS)
RADIO FREQUENCY INTERFERENCE
RADIO SCATTERING
RECEPTION DIVERSITY
SMEAR
SOUND INTENSITY

SIGNAL FADING RATE

GS RATES (PER TIME)
RT **SIGNAL FADING RATE**
FADING
SELECTIVE FADING
SOUND INTENSITY

SIGNAL FLOW GRAPHS

RT DUALITY PRINCIPLE
∞FLOW GRAPHS
NETWORK ANALYSIS
∞NETWORKS
RICHARDS THEOREM
SNEAK CIRCUIT ANALYSIS

SIGNAL GENERATORS

GS **SIGNAL GENERATORS**
FREQUENCY SYNTHESIZERS
FUNCTION GENERATORS
RT CIRCUITS
∞GENERATORS
HALL GENERATORS
OSCILLATORS
SIRENS
SOLID STATE DEVICES
SOUND GENERATORS
SUBHARMONIC GENERATORS
VOLTAGE GENERATORS

SIGNAL MEASUREMENT

UF ELECTRONIC SIGNAL MEASUREMENT
RT ∞MEASUREMENT

SIGNAL MIXING

GS MIXING
RT **SIGNAL MIXING**
AUDITORY SIGNALS
ERROR SIGNALS
MAGNETIC SIGNALS
RADIO SIGNALS

SIGNAL PROCESSING

GS DATA PROCESSING
SIGNAL PROCESSING

SIGNAL RECEPTION

SIGNAL PROCESSING-(CONT)

RT AUDIO SIGNALS
COMPANDING
DIRECTION FINDING
EQUALIZERS (CIRCUITS)
INTERFERENCE IMMUNITY
MAXIMUM ENTROPY METHOD
MESSAGE PROCESSING
ONBOARD DATA PROCESSING
∞ PROCESSING
SMOKE DETECTORS
SURFACE ACOUSTIC WAVE DEVICES
TELEMETRY
VHSIC (CIRCUITS)
VIDEO SIGNALS

SIGNAL RECEPTION

GS **SIGNAL RECEPTION**
SYLLABLES
SYMBOLS
TELEVISION RECEPTION
RT HOMODYNE RECEPTION
PREAMPLIFIERS
∞ RECEIVING
SENTENCES
VOCODERS

SIGNAL REFLECTION

GS ECHOES
SIGNAL REFLECTION
REFLECTION
SIGNAL REFLECTION
RT CEPSTRAL ANALYSIS
SPREAD REFLECTION
TRANSMISSION
WAVE REFLECTION

SIGNAL STABILIZATION

GS STABILIZATION
SIGNAL STABILIZATION
RT FREQUENCY CONTROL
TRANSMISSION CIRCUITS

SIGNAL TO NOISE RATIOS

GS RATIOS
SIGNAL TO NOISE RATIOS
RT AMPLITUDE DISTRIBUTION ANALYSIS
ATTENUATION
BACKGROUND NOISE
BIT ERROR RATE
CARRIER TO NOISE RATIOS
CHANNEL NOISE
COMMUNICATION THEORY
COMPANDING
CORRELATION DETECTION
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC NOISE
IMAGE CONTRAST
IMAGE ENHANCEMENT
INTERFERENCE IMMUNITY
LOW NOISE
MATCHED FILTERS
MAXIMUM ENTROPY METHOD
∞ NOISE
NOISE PROPAGATION
NOISE SPECTRA
NOISE THRESHOLD
RANDOM NOISE
RANDOM SIGNALS
∞ SIGNALS
WHITE NOISE

SIGNAL TRANSMISSION

GS TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
AUTOMATIC PICTURE
TRANSMISSION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
SINGLE CHANNEL PER CARRIER
TRANSMISSION
PCM TELEMETRY
RADAR TRANSMISSION
RADAR TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION

SIGNAL TRANSMISSION-(CONT)

SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSORBITAL RADIO
PROPAGATION
SATELLITE TRANSMISSION
TELEVISION TRANSMISSION
RT AUDIO SIGNALS
CODE DIVISION MULTIPLEXING
MESSAGE PROCESSING
MESSAGES
MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
PACKET SWITCHING
PULSE COMMUNICATION
RADAR ATTENUATION
RADIO ATTENUATION
RADIO SCATTERING
SENTENCES
SOUND TRANSMISSION
SYLLABLES
TALKING
TELECOMMUNICATION
TRANSMISSION EFFICIENCY
VIDEO SIGNALS
WIRELESS COMMUNICATION

∞ SIGNALS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
BELOW)*
RT AUDIO SIGNALS
AUDITORY SIGNALS
BEACONS
BELLS
CHIRP SIGNALS
ELECTRIC PULSES
ERROR SIGNALS
HORNS
MAGNETIC SIGNALS
MESSAGES
PSEUDORANDOM SEQUENCES
PYROTECHNICS
RADIO SIGNALS
RANDOM SIGNALS
SIGNAL TO NOISE RATIOS
SIRENS
SOUND GENERATORS
TELECOMMUNICATION
TIME SIGNALS
VIDEO SIGNALS
VISUAL SIGNALS
VISUAL STIMULI

SIGNATURE ANALYSIS

RT ∞ ANALYZING
CEPSTRAL ANALYSIS
DETECTION
IMAGERY
INFRARED SIGNATURES
MISSILE SIGNATURES
RADAR SIGNATURES
SIGNATURES
TARGET RECOGNITION

SIGNATURES

GS **SIGNATURES**
INFRARED SIGNATURES
MAGNETIC SIGNATURES
MISSILE SIGNATURES
RADAR SIGNATURES
SPECTRAL SIGNATURES
RT AMPLITUDE DISTRIBUTION ANALYSIS
DETECTION
REPRESENTATIONS
SIGNATURE ANALYSIS
TARGET RECOGNITION
VIDEO LANDMARK ACQUISITION AND
TRACKING

SIGNIFICANCE

RT CONFIDENCE LIMITS
CORRELATION
COVARIANCE
DEGREES OF FREEDOM
FINITE DIFFERENCE THEORY
NULL HYPOTHESIS
NUMERICAL ANALYSIS
REGRESSION ANALYSIS
STATISTICAL TESTS

SIGNS (SYMBOLS)

USE SYMBOLS

NASA THESAURUS (VOLUME 1)

SIGNS AND SYMPTOMS

UF SYMPTOMS
SYNDROMES
GS **SIGNS AND SYMPTOMS**
BRADYCARDIA
COUGH
DYSPEA
HEADACHE
HEMATURIA
LEUKOPENIA
VERTIGO
RT ASPHYXIA
DISEASES
HALLUCINATIONS
∞ INDICATION
SYMPTOMOLOGY

SIKHOTE-ALIN METEORITE

GS CELESTIAL BODIES
METEORITES
IRON METEORITES
SIKHOTE-ALIN METEORITE

SIKKIM

GS NATIONS
SIKKIM
RT ASIA
BHUTAN
HIMALAYAS
INDIA

SIKORSKY AIRCRAFT

GS **SIKORSKY AIRCRAFT**
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-54 HELICOPTER
H-19 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
S-58 HELICOPTER
S-61 HELICOPTER
S-67 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
SIKORSKY WHIRLWIND HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
RT ∞ AIRCRAFT

SIKORSKY HSS-2 HELICOPTER

USE SH-3 HELICOPTER

SIKORSKY S-58 HELICOPTER

USE S-58 HELICOPTER

SIKORSKY S-61 HELICOPTER

USE S-61 HELICOPTER

SIKORSKY S-64 HELICOPTER

USE CH-54 HELICOPTER

SIKORSKY S-65 HELICOPTER

USE H-53 HELICOPTER

SIKORSKY S-67 HELICOPTER

USE S-67 HELICOPTER

SIKORSKY WHIRLWIND HELICOPTER

GS SIKORSKY AIRCRAFT
SIKORSKY WHIRLWIND HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
**SIKORSKY WHIRLWIND
HELICOPTER**
RT ∞ AIRCRAFT

SILANES

GS HYDROGEN COMPOUNDS
HYDRIDES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
SILICON COMPOUNDS
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
RT DISILICIDES

SILENCE

RT NOISE REDUCTION
TRANSMISSION LOSS

SILENCERS

RT ATTENUATORS
DAMPING
INHIBITORS
MUFFLERS
SHOCK ABSORBERS
SQUELCH CIRCUITS
SUPPRESSORS
ZERO SOUND

SILICA

USE SILICON DIOXIDE

SILICA GEL

GS GELS
SILICA GEL
RT DEHUMIDIFICATION
DEHYDRATION
DRYING
SILICON DIOXIDE

SILICA GLASS

GS GLASS
SILICA GLASS
RT GLASS COATINGS
GLASS ELECTRODES
GLASS FIBERS
GLASSWARE
SANDS
SILICON DIOXIDE

SILICATES

GS SILICON COMPOUNDS
SILICATES
ANDESITE
ARAGONITE
BERYL
CALCIUM SILICATES
GEHLENITE
CORDIERITE
FAYALITE
FELDSPARS
FLUOROSILICATES
FORSTERITE
GARNETS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
KAOLINITE
MERWINITE
MONTICELLITE
MONTMORILLONITE
NEPHELINE
POTASSIUM SILICATES
PYROPHYLLITE
PYROXENES
ENSTATITE
SODIUM SILICATES
SPODUMENE
TALC
TOURMALINE
ZEOLITES
RT AKERMANITE
DISILICIDES
MINERALS
SILICIDES
SILICON DIOXIDE
TETRAETHYL ORTHOSILICATE

SILICIDES

GS SILICON COMPOUNDS
SILICIDES
DISILICIDES
RT INTERMETALLICS
SILICATES

SILICON

GS CHEMICAL ELEMENTS
METALLOIDS
SILICON
SILICON ISOTOPES
RT FLOAT ZONES
REACTION BONDING
SCHOTTKY DIODES

SILICON ALLOYS

GS ALLOYS
SILICON ALLOYS

SILICON CARBIDES

GS CARBON COMPOUNDS
CARBIDES
SILICON CARBIDES
SILICON COMPOUNDS
SILICON CARBIDES
RT ABRASIVES

SILICON CARBIDES-(CONT.)

CARBORUNDUM (TRADEMARK)

SILICON COMPOUNDS

GS SILICON COMPOUNDS
ALUMINUM SILICATES
ANDESITE
KAOLINITE
MONTMORILLONITE
PYROPHYLLITE
FLINT
ORGANIC SILICON COMPOUNDS
TRIPHENYL SILICON
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
SILICATES
ANDESITE
ARAGONITE
BERYL
CALCIUM SILICATES
GEHLENITE
CORDIERITE
FAYALITE
FELDSPARS
FLUOROSILICATES
FORSTERITE
GARNETS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
KAOLINITE
MERWINITE
MONTICELLITE
MONTMORILLONITE
NEPHELINE
POTASSIUM SILICATES
PYROPHYLLITE
PYROXENES
ENSTATITE
SODIUM SILICATES
SPODUMENE
TALC
TOURMALINE
ZEOLITES
SILICIDES
DISILICIDES
SILICON CARBIDES
SILICON NITRIDES
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
SPODUMENE
SILICON TETRACHLORIDE
RT AKERMANITE
∞CHEMICAL COMPOUNDS
∞GROUP 4A COMPOUNDS
METHYL POLYSILOXANE
SILICONES
SILOXANES

SILICON CONTROLLED RECTIFIERS

UF SCR (RECTIFIERS)
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
THYRISTORS
SILICON CONTROLLED
RECTIFIERS

RECTIFIERS

THYRISTORS

SILICON CONTROLLED RECTIFIERS

RT CURRENT CONVERTERS (AC TO DC)
THYRATRON

SILICON DIOXIDE

UF REFRASIL (TRADEMARK)
SILICA
GS CHALCOGENIDES
OXIDES
DIOXIDES
SILICON DIOXIDE
QUARTZ
COESITE
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
SILICON COMPOUNDS
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE

SILICON DIOXIDE-(CONT.)

RT BOROSILICATE GLASS
CERAMICS
E GLASS
GLASS
METALLIC GLASSES
OBSIDIAN
PORCELAIN
QUARTZ CRYSTALS
S GLASS
SANDS
SILICA GEL
SILICA GLASS
SILICATES
VYCOR

SILICON FILMS

RT ∞FILMS
SEMICONDUCTOR DEVICES
THIN FILMS

SILICON ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
SILICON
SILICON ISOTOPES

SILICON JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
RT HETEROJUNCTIONS
HOMOJUNCTIONS
SIS (SEMICONDUCTORS)

SILICON NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
SILICON NITRIDES
SILICON COMPOUNDS
SILICON NITRIDES
RT CERAMIC MATRIX COMPOSITES
REACTION BONDING
SIALON

SILICON OXIDES

GS CHALCOGENIDES
OXIDES
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
SPODUMENE
- SILICON COMPOUNDS
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
SPODUMENE
RT AKERMANITE

SILICON POLYMERS

GS SILICON POLYMERS
METHYL POLYSILOXANE
SILICONE RESINS
SILICONES
SILOXANES
RT ∞POLYMERS

SILICON RADIATION DETECTORS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RADIATION DETECTORS
SILICON RADIATION DETECTORS
RT ∞RADIATION

SILICON RECTIFIERS

USE CRYSTAL RECTIFIERS

SILICON SOLAR CELLS

USE SOLAR CELLS

SILICON TETRACHLORIDE

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
SILICON TETRACHLORIDE
HALIDES
CHLORIDES
SILICON TETRACHLORIDE
SILICON COMPOUNDS

SILICON TRANSISTORS

SILICON TETRACHLORIDE-(CONT)
SILICON TETRACHLORIDE

SILICON TRANSISTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE JUNCTIONS
USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE SEMICONDUCTORS
USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE TRANSISTORS
USE SOS (SEMICONDUCTORS)

SILICONE RESINS
GS RESINS
SILICONE RESINS
SILICON POLYMERS
SILICONE RESINS
RT THERMOSETTING RESINS

SILICONE RUBBER
GS RUBBER
SILICONE RUBBER
RTV-40 RUBBER (TRADEMARK)
RTV-60 RUBBER (TRADEMARK)
RT ELASTOMERS
SYNTHETIC RUBBERS

SILICONES
GS SILICON POLYMERS
SILICONES
SILOXANES
RT ∞ POLYMERS
SILICON COMPOUNDS

SILICONIZING
GS HARDENING (MATERIALS)
SILICONIZING
RT COATING
COATINGS
CORROSION PREVENTION
CORROSION RESISTANCE
OXIDATION RESISTANCE
PASSIVITY

SILK
GS FABRICS
SILK
FIBERS
SILK
RT CREPE
ORGANIC MATERIALS

SILKWORMS
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
LARVAE
SILKWORMS
MOTHS
SILKWORMS
RT INFESTATION

SILOS (MISSILE STORAGE)
USE MISSILE SILOS

SILOXANES
GS SILICON POLYMERS
SILICONES
SILOXANES
RT ∞ POLYMERS
SILICON COMPOUNDS

SILTS
USE SEDIMENTS

SILVER
GS CHEMICAL ELEMENTS
SILVER
SILVER ISOTOPES
METALS
NOBLE METALS
SILVER
SILVER ISOTOPES
TRANSITION METALS
SILVER

SILVER-(CONT)
SILVER ISOTOPES

SILVER ALLOYS
GS ALLOYS
SILVER ALLOYS
RT BEARING ALLOYS

SILVER BROMIDES
GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
SILVER BROMIDES
HALIDES
BROMIDES
SILVER BROMIDES
METAL HALIDES
SILVER HALIDES
SILVER BROMIDES
SILVER COMPOUNDS
SILVER HALIDES
SILVER BROMIDES

SILVER CADMIUM BATTERIES
UF CADMIUM SILVER BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
SILVER CADMIUM BATTERIES
RT NICKEL CADMIUM BATTERIES

SILVER CHLORIDES
GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
SILVER CHLORIDES
HALIDES
CHLORIDES
SILVER CHLORIDES
METAL HALIDES
SILVER HALIDES
SILVER CHLORIDES
SILVER COMPOUNDS
SILVER HALIDES
SILVER CHLORIDES

SILVER COMPOUNDS
GS SILVER COMPOUNDS
SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES
SILVER NITRATES
SILVER OXIDES
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 18 COMPOUNDS
 ∞ METAL COMPOUNDS

SILVER HALIDES
GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES
SILVER COMPOUNDS
SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES

SILVER HYDROGEN BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
SILVER HYDROGEN BATTERIES

SILVER IODIDES
GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
SILVER HALIDES
SILVER IODIDES
IODINE COMPOUNDS
IODIDES
SILVER IODIDES
SILVER COMPOUNDS
SILVER HALIDES
SILVER IODIDES

SILVER ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES

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SILVER ISOTOPES-(CONT)
ISOTOPES
SILVER ISOTOPES
SILVER
SILVER ISOTOPES
METALS
NOBLE METALS
SILVER
SILVER ISOTOPES
TRANSITION METALS
SILVER
SILVER ISOTOPES

SILVER NITRATES
GS NITROGEN COMPOUNDS
NITRATES
INORGANIC NITRATES
SILVER NITRATES
SILVER COMPOUNDS
SILVER NITRATES

SILVER OXIDE ZINC BATTERIES
USE SILVER ZINC BATTERIES

SILVER OXIDES
GS CHALCOGENIDES
OXIDES
METAL OXIDES
SILVER OXIDES
SILVER COMPOUNDS
SILVER OXIDES

SILVER ZINC BATTERIES
UF SILVER OXIDE ZINC BATTERIES
ZINC SILVER BATTERIES
ZINC SILVER OXIDE BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
SILVER ZINC BATTERIES

SILVICULTURE
RT AGRICULTURE
BIOMASS
BOTANY
CULTIVATION
FORESTS
ORCHARDS
PLANTING
TREES (PLANTS)

SIM
UF SCIENTIFIC INSTRUMENT MODULES
MODULES
GS SPACECRAFT MODULES
SIM
RT APOLLO PROJECT
APOLLO 15 FLIGHT
CAMERAS
INSTRUMENT PACKAGES
 ∞ INSTRUMENTS

SIMICOR (IMAGE CORRELATOR)
USE IMAGE CORRELATORS

SIMILARITIES
USE ANALOGIES

SIMILARITY NUMBERS
GS RATIOS
DIMENSIONLESS NUMBERS
SIMILARITY NUMBERS
RT DIMENSIONAL ANALYSIS
SCALING LAWS

SIMILARITY THEOREM
GS THEOREMS
SIMILARITY THEOREM
LAGRANGE SIMILARITY HYPOTHESIS
RT DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SIMILITUDE LAW
GS LAWS
SIMILITUDE LAW
RT GRAVITATION
INERTIA
SCALE MODELS
VISCOSITY

SIMPLE HARMONIC MOTION
GS HARMONIC MOTION
SIMPLE HARMONIC MOTION

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SIMPLE HARMONIC MOTION-(CONT)

HARMONICS
SIMPLE HARMONIC MOTION
 RT ACOUSTICS
 FOURIER ANALYSIS
 HARMONIC EXCITATION

SIMPLEX METHOD

GS MATHEMATICAL LOGIC
 ALGORITHMS
SIMPLEX METHOD
 RT LINEAR PROGRAMMING
 MATHEMATICAL PROGRAMMING
 MATRICES (MATHEMATICS)
 ∞ METHODOLOGY
 OPTIMIZATION
 PROBLEM SOLVING

SIMPLIFICATION

RT ASSUMPTIONS
 LINEARIZATION

SIMULATED ALTITUDE

USE ALTITUDE SIMULATION

SIMULATION

GS **SIMULATION**
 COMPUTER SYSTEMS SIMULATION
 COMPUTERIZED SIMULATION
 ANALOG SIMULATION
 DIGITAL SIMULATION
 CONTROL SIMULATION
 ENVIRONMENT SIMULATION
 ACOUSTIC SIMULATION
 ALTITUDE SIMULATION
 SPACE ENVIRONMENT SIMULATION
 WEIGHTLESSNESS SIMULATION
 THERMAL SIMULATION
 EXHAUST FLOW SIMULATION
 ATMOSPHERIC ENTRY SIMULATION
 FLIGHT SIMULATION
 LANDING SIMULATION
 MOTION SIMULATION
 RHEOELECTRICAL SIMULATION
 SOLAR SIMULATION
 SYSTEMS SIMULATION
 RT ANALOGIES
 BIONICS
 BOND GRAPHS
 DATA PROCESSING EQUIPMENT
 DATA SIMULATION
 DECEPTION
 GAME THEORY
 HEURISTIC METHODS
 HYPERVELOCITY PROJECTILES
 MATHEMATICAL MODELS
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 SIMULATORS
 SPACECRAFT CABIN SIMULATORS
 SYSTEMS ANALYSIS
 VALIDITY
 WAR GAMES

SIMULATOR TRAINING

USE TRAINING SIMULATORS

SIMULATORS

GS **SIMULATORS**
 CONTROL SIMULATION
 ENVIRONMENT SIMULATORS
 LUNAR GRAVITY SIMULATOR
 SOLAR SIMULATORS
 SPACE SIMULATORS
 HIGH VACUUM ORBITAL SIMULATOR
 LANGLEY COMPLEX COORDINATOR
 LUNAR ORBIT AND LANDING
 SIMULATORS
 MOTION SIMULATORS
 SHOCK SIMULATORS
 SHUTTLE ENGINEERING SIMULATOR
 SHUTTLE MISSION SIMULATOR
 TARGET SIMULATORS
 TRAINING SIMULATORS
 FLIGHT SIMULATORS
 COCKPIT SIMULATORS
 SPACECRAFT CABIN SIMULATORS
 VIBRATION SIMULATORS
 VERTICAL MOTION SIMULATORS
 RT ANALOGS
 COMPUTER SYSTEMS SIMULATION
 DUMMIES
 ∞ MISSILE SIMULATORS
 MODELS
 SIMULATION

SIMULATORS-(CONT)

∞ TEST EQUIPMENT
 TEST FACILITIES
 TRAINING DEVICES

SIMULTANEOUS EQUATIONS

RT ∞ EQUATIONS
 LEAST SQUARES METHOD
 MATRICES (MATHEMATICS)

SIMULTANEOUS IMAGE CORRELATOR

USE IMAGE CORRELATORS

SINE SERIES

GS ANALYSIS (MATHEMATICS)
 CALCULUS
 SERIES (MATHEMATICS)
SINE SERIES
 REAL VARIABLES
 PERIODIC FUNCTIONS
 TRIGONOMETRIC FUNCTIONS
SINE SERIES
 SERIES (MATHEMATICS)
SINE SERIES
 FUNCTIONS (MATHEMATICS)
 TRANSCENDENTAL FUNCTIONS
 PERIODIC FUNCTIONS
 TRIGONOMETRIC FUNCTIONS
SINE SERIES

SINE WAVES

UF SINUSOIDS
 RT ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 TRIGONOMETRIC FUNCTIONS
 ∞ WAVES

SINGAPORE

GS NATIONS
SINGAPORE
 RT ASIA

SINGLE CHANNEL PER CARRIER TRANSMISSION

UF SCPC TRANSMISSION
 GS TELECOMMUNICATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION

TRANSMISSION
 SIGNAL TRANSMISSION
 DATA TRANSMISSION
SINGLE CHANNEL PER CARRIER
TRANSMISSION

RT CARRIER FREQUENCIES
 CHANNELS (DATA TRANSMISSION)
 SATELLITE TRANSMISSION
 SPACECRAFT COMMUNICATION
 TELEGRAPH SYSTEMS
 TELEMETRY
 TELEPHONY
 VOICE COMMUNICATION
 VOICE DATA PROCESSING

SINGLE CRYSTALS

UF MONOCRYSTALS
 GS CRYSTALS
SINGLE CRYSTALS
 RT BICRYSTALS
 BOULES
 BRAVAIS CRYSTALS
 BRIDGMAN METHOD
 CRYSTAL LATTICES
 DIAMONDS
 GRAPHITE
 NEEDLES
 PIEZOELECTRIC CRYSTALS
 POLYCRYSTALS
 SPACE PROCESSING
 ULTRAPURE METALS

SINGLE EVENT UPSETS

GS RADIATION EFFECTS
SINGLE EVENT UPSETS
 RT ASTRIONICS
 AVIONICS
 CHARGED PARTICLES
 COSMIC RAYS
 ELECTRON-HOLE DROPS
 INNER RADIATION BELT
 IONIZATION
 MICROELECTRONICS
 RADIATION DAMAGE
 RADIATION DOSAGE
 SATELLITE-BORNE INSTRUMENTS
 SECONDARY COSMIC RAYS
 SPACECRAFT CHARGING

SINGULAR INTEGRAL EQUATIONS

SINGLE EVENT UPSETS-(CONT)

SPACECRAFT ELECTRONIC EQUIPMENT

SINGLE SIDEBAND MODULATION

USE SINGLE SIDEBAND TRANSMISSION

SINGLE SIDEBAND TRANSMISSION

UF SINGLE SIDEBAND MODULATION
 GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 RADIO TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
 SIGNAL TRANSMISSION
 RADIO TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
 RT AMPLITUDE MODULATION
 DOUBLE SIDEBAND TRANSMISSION
 SIDEBANDS
 TELEVISION TRANSMISSION
 VOICE COMMUNICATION
 WAVE PROPAGATION

SINGLE STAGE ROCKET VEHICLES

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
 AGENA ROCKET VEHICLES
 AGENA A ROCKET VEHICLE
 AGENA B ROCKET VEHICLE
 AGENA C ROCKET VEHICLE
 AGENA D ROCKET VEHICLE
 ARCAS ROCKET VEHICLES
 BLACK BRANT SOUNDING ROCKETS
 BLACK BRANT 1 SOUNDING
 ROCKET
 BLACK BRANT 2 SOUNDING
 ROCKET
 BLACK BRANT 3 SOUNDING
 ROCKET
 BLACK BRANT 4 SOUNDING
 ROCKET
 BLACK BRANT 5 SOUNDING
 ROCKET
 BLACK KNIGHT ROCKET VEHICLE
 DORNIER PARAGLIDER ROCKET
 VEHICLE
 GENIE ROCKET VEHICLE
 HONEST JOHN ROCKET VEHICLE
 HYLAR STAR ROCKET VEHICLE
 LITTLE JOHN ROCKET VEHICLE
 LOKI ROCKET VEHICLE
 NOMAD LAUNCH VEHICLE
 VERONIQUE ROCKET VEHICLES
 VIKING ROCKET VEHICLE
 ZUNI ROCKET VEHICLE
 RT MAULER MISSILE
 ROCKET ENGINES
 ∞ VEHICLES

SINGLE STAGE TO ORBIT VEHICLES

GS LAUNCH VEHICLES
 REUSABLE LAUNCH VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
 RT NASA PROGRAMS
 SPACE SHUTTLES
 SPACE TRANSPORTATION
 ∞ VEHICLES

SINGLE-PHASE FLOW

UF ONE-PHASE FLOW
 UNIPHASE FLOW
 GS FLUID FLOW
SINGLE-PHASE FLOW
 RT CRITICAL FLOW
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

SINGULAR INTEGRAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 FUNCTIONAL ANALYSIS
 INTEGRAL EQUATIONS
 SINGULAR INTEGRAL EQUATIONS

SINGULARITY (MATHEMATICS)

SINGULAR INTEGRAL EQUATIONS-(CONT)
RT ∞ EQUATIONS

SINGULARITY (MATHEMATICS)
GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
SINGULARITY (MATHEMATICS)
NAKED SINGULARITIES
RT POINTS (MATHEMATICS)
UNIQUENESS

SINKHOLES
GS LANDFORMS
STRUCTURAL BASINS
KARST
SINKHOLES
RT KETTLES (GEOLOGY)
LANDFORMS
STRUCTURAL PROPERTIES (GEOLOGY)

SINKING
RT FALLING
REFRACTION
SUBMERGING
WATER IMMERSION

SINKS
SN (EXCLUDES PLUMBING
FIXTURES--LIMITED TO AREAS FOR
ABSORPTIVE DISPOSAL OF HEAT OR
FLUIDS)
GS **SINKS**
HEAT SINKS
RT ABSORBERS (MATERIALS)
DISPOSAL
 ∞ SOURCES

SINKS (GEOLOGY)
USE STRUCTURAL BASINS

SINTERED ALUMINUM POWDER
GS CHEMICAL ELEMENTS
ALUMINUM
SINTERED ALUMINUM POWDER
METALS
ALUMINUM
SINTERED ALUMINUM POWDER
RT POWDER METALLURGY
POWDERED ALUMINUM

SINTERING
UF PRESINTERING
RT AGGLOMERATION
FURNACES
GROWTH
HEATING
HOT PRESSING
METAL POWDER
MIXED CRYSTALS
POROSITY
POWDER METALLURGY
PYROMETALLURGY
REACTION BONDING
ROASTING
SHRINKAGE
SIALON

SINUSES
GS **SINUSES**
PARANASAL SINUSES
RT CAROTID SINUS BODY
CAROTID SINUS REFLEX
NOSE (ANATOMY)
RESPIRATION

SINUSOIDS
USE SINE WAVES

SIoux HELICOPTER
USE OH-13 HELICOPTER

SIPHONING
RT ∞ FLUIDS
SIPHONS
THERMOSIPHONS

SIPHONS
RT MATERIALS HANDLING
PIPELINES
PIPES (TUBES)
PUMPS
SIPHONING
 ∞ TUBES

SIR-A
USE SHUTTLE IMAGING RADAR

SIR-B
USE SHUTTLE IMAGING RADAR

SIRENS
RT HORNS
NOISE INTENSITY
SIGNAL GENERATORS
 ∞ SIGNALS
SOUND GENERATORS
SOUND INTENSITY
SOUND TRANSMISSION
WARNING SYSTEMS

SIRIO SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SYNCHRONOUS SATELLITES
SIRIO SATELLITE
RT ITALIAN SPACE PROGRAM
ITALY

SIRS B SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SIRS B SATELLITE
RT METEOROLOGICAL FLIGHT
METEOROLOGICAL INSTRUMENTS
SATELLITE OBSERVATION
UNMANNED SPACECRAFT

SIS (SEMICONDUCTORS)
UF SEMICONDUCTOR INSULATOR
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SIS (SEMICONDUCTORS)
RT BARRIER LAYERS
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
P-N JUNCTIONS
PHOTODIODES
PHOTOVOLTAIC CELLS
SCHOTTKY DIODES
SEMICONDUCTOR DIODES
SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
SOLAR CELLS
SOS (SEMICONDUCTORS)
TIN OXIDES
TRANSISTORS

SITE DATA PROCESSORS
UF SDP (COMPUTERS)
GS DATA PROCESSING EQUIPMENT
COMPUTERS
RT **SITE DATA PROCESSORS**
 ∞ DATA
DATA LINKS
DATA PROCESSING

SITE SELECTION
GS SELECTION
SITE SELECTION
RT AIRPORTS
CERTIFICATION
 ∞ FACILITIES
INDUSTRIAL AREAS
LAND USE
LEASING
LOGISTICS
OPTIONS
RESOURCES
ROADS
ROUTES
SERVICES
SITES
TERMINAL FACILITIES
TRANSPORTATION
UTILITIES

SITES
UF TRACTS
GS **SITES**
ARIZONA REGIONAL ECOLOGICAL
TEST SITE
CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
LANDING SITES
LUNAR LANDING SITES
LAUNCHING SITES

NASA THESAURUS (VOLUME 1)

SITES-(CONT)
LAUNCHING PADS
OFFSHORE REACTOR SITES
RT AIRPORT PLANNING
BARREN LAND
 ∞ FACILITIES
LAND
 ∞ PLOTS
POSITION (LOCATION)
REGIONS
RURAL LAND USE
SITE SELECTION

SITTING POSITION
RT PRONE POSITION
REST
SEATS
SUPINE POSITION

SIZE (DIMENSIONS)
GS **SIZE (DIMENSIONS)**
GRAIN SIZE
RT FINENESS

SIZE DETERMINATION
GS **SIZE DETERMINATION**
PRECIPITATION PARTICLE
MEASUREMENT
RT BODY MEASUREMENT (BIOLOGY)
CLASSIFIERS
DIMENSIONAL MEASUREMENT
 ∞ MEASUREMENT
PARTICLE SIZE DISTRIBUTION
 ∞ SIZING

SIZE DISTRIBUTION
GS **SIZE DISTRIBUTION**
PARTICLE SIZE DISTRIBUTION
RT DROP SIZE
MASS DISTRIBUTION
STATISTICAL DISTRIBUTIONS

SIZE SEPARATION
UF SIZING (SEPARATION)
RT BENEFICIATION
CLASSIFIERS
 ∞ CLASSIFYING
CONCENTRATORS
FILTRATION
FLOTATION
METAL POWDER
PARTICLE SIZE DISTRIBUTION
POWDER (PARTICLES)
 ∞ SEPARATION
SETTLING
 ∞ SIZING
 ∞ **SIZING**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BODY MEASUREMENT (BIOLOGY)
SIZE DETERMINATION
SIZE SEPARATION
SIZING (SHAPING)
SIZING (SURFACE TREATMENT)
SIZING MATERIALS

SIZING (SEPARATION)
USE SIZE SEPARATION

SIZING (SHAPING)
GS METAL WORKING
SIZING (SHAPING)
RT COINING
PRESSING (FORMING)
 ∞ SIZING

SIZING (SURFACE TREATMENT)
SN (EXCLUDES MECHANICAL SHAPING OR
REMOVAL OF SURFACE MATERIALS)
RT FINISHES
SIZING MATERIALS
 ∞ SURFACES

SIZING MATERIALS
SN (MATERIALS USED FOR SURFACE
TREATMENT)
RT BINDERS (MATERIALS)
CLAYS
FILLERS
GLUES
 ∞ MATERIALS
SIZING (SURFACE TREATMENT)

SIZING MATERIALS-(CONT)
STARCHES**SIZING SCREENS**

GS SEPARATORS
CLASSIFIERS
SIZING SCREENS
RT AGITATION
CONCENTRATORS
FLUID FILTERS
∞ SCREENS
SHAKERS
SIEVES

SKELETON

USE MUSCULOSKELETAL SYSTEM

SKEWNESS

RT ASYMMETRY
DEFORMATION
DISPLACEMENT
DISTORTION
DISTRIBUTION MOMENTS
ECCENTRICITY
MOMENTS

SKID LANDINGS

GS LANDING
AIRCRAFT LANDING
SKID LANDINGS
RT AIR CUSHION LANDING SYSTEMS
CRASH LANDING
HYDROPLANING
SKIDDING

SKIDDING

RT HYDROPLANING
LANDING GEAR
SIDESLIP
SKID LANDINGS
SLEDS
YAW

SKILLS

USE ABILITIES

SKIN (ANATOMY)

GS **SKIN (ANATOMY)**
EPIDERMIS
EPITHELIUM
LEATHER
RT ALBINISM
∞ BLISTERS
CAROTENE
CHLOROPHYLLS
COLLAGENS
CONTACT DERMATITIS
CYTOCHROMES
DERMATITIS
DERMATOLOGY
EVAPORATION
HOMEOSTASIS
MELANIN
MEMBRANES
PERSPIRATION
PETECHIA
PIGMENTS
SECRETIONS
SENSE ORGANS
THERMORECEPTORS
TOUCH

SKIN (STRUCTURAL MEMBER)

GS MEMBRANES
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
RT AIRCRAFT CONSTRUCTION MATERIALS
∞ CONSTRUCTION MATERIALS
HULLS (STRUCTURES)
METAL SHELLS
SHELLS (STRUCTURAL FORMS)
STRESSED-SKIN STRUCTURES
THIN WALLED SHELLS
THIN WALLS
TOROIDAL SHELLS
WEBS (SUPPORTS)

SKIN FRICTION

UF FRICTION PRESSURE DROP
GS FRICTION
SKIN FRICTION

SKIN FRICTION-(CONT)

FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
RT AERODYNAMIC HEATING
DRAG
DRAG DEVICES
FLOW RESISTANCE
FLUID FLOW
FRICTION FACTOR
STREAMLINING

SKIN GRAFTS

RT SURGERY
THERAPY

SKIN RESISTANCE

GS IMPEDANCE
ELECTRICAL IMPEDANCE
ELECTRICAL RESISTANCE
SKIN RESISTANCE
RT ∞ RESISTANCE

SKIN TEMPERATURE (BIOLOGY)

GS TEMPERATURE
SKIN TEMPERATURE (BIOLOGY)
RT ∞ BIOLOGY
FEVER
HYPERTHERMIA
HYPOTHERMIA

SKIN TEMPERATURE (NON-BIOLOGICAL)

GS SURFACE PROPERTIES
SURFACE TEMPERATURE
SKIN TEMPERATURE (NON-BIOLOGICAL)
TEMPERATURE
SURFACE TEMPERATURE
SKIN TEMPERATURE (NON-BIOLOGICAL)
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS

SKINNER BOXES

RT BEHAVIOR
PSYCHOLOGICAL TESTS
PSYCHOMETRICS

SKIRTS

RT AFTERBODIES
BOATTAILS
CONICAL NOZZLES
EXHAUST NOZZLES
FOUNDATIONS
∞ JET NOZZLES
ROCKET NOZZLES

SKIS

RT HYDROFOILS
HYDROPLANES (SURFACES)
LANDING GEAR

SKUA ROCKET VEHICLES

GS ROCKET VEHICLES
SOUNDING ROCKETS
SKUA ROCKET VEHICLES
RT SOLID PROPELLANT ROCKET ENGINES
∞ VEHICLES

SKULL

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY
RT FOREHEAD
INTERCRANIAL CIRCULATION

SKY

GS **SKY**
NIGHT SKY
CLOUD COVER
CLOUDS (METEOROLOGY)
DAYGLOW
RAYLEIGH SCATTERING
SUNLIGHT

SKY BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES

SKY BRIGHTNESS-(CONT)

OPTICAL PROPERTIES
SKY BRIGHTNESS
RT AIRGLOW
AURORAS
BRIGHTNESS
CLOUD COVER
DAYTIME
GEGENSCHNEIN
GLARE
LIGHT (VISIBLE RADIATION)
LIGHT EMISSION
LUMINANCE
NIGHT
NIGHT SKY
NIGHTGLOW
SOLAR RADIATION
SUNLIGHT
ZODIACAL LIGHT

SKY RADIATION

GS ATMOSPHERIC RADIATION
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
RT BACKGROUND RADIATION
PYRANOMETERS
∞ RADIATION
STRATOSPHERE RADIATION
SUNLIGHT
THERMAL RADIATION
TROPOSPHERIC RADIATION

SKY WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SKY WAVES
RT GROUND WAVE PROPAGATION
IONOSPHERIC NOISE

SKYBOLT MISSILE

GS MISSILES
BALLISTIC MISSILES
SKYBOLT MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SKYCRANE HELICOPTER

USE CH-54 HELICOPTER

SKYDROL (TRADEMARK)

GS LIQUIDS
HYDRAULIC FLUIDS
SKYDROL (TRADEMARK)
RT ESTERS
PHOSPHATES
PLASTICIZERS

SKYHAWK AIRCRAFT

USE A-4 AIRCRAFT

SKYHOOK BALLOONS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
SKYHOOK BALLOONS
RT HIGH ALTITUDE
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKOONS

SKYLAB PROGRAM

GS PROGRAMS
NASA PROGRAMS
SKYLAB PROGRAM
NASA SPACE PROGRAMS
SKYLAB PROGRAM
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO FLIGHTS

SKYLAB SPACE STATION (UNMANNED)

SKYLAB PROGRAM-(CONT)

APOLLO PROJECT
APOLLO SPACECRAFT
APOLLO TELESCOPE MOUNT
EARTH RESOURCES INFORMATION
SYSTEM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY PROGRAM
ORBITAL WORKSHOPS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SPACELAB

SKYLAB SPACE STATION (UNMANNED)

USE SKYLAB 1

SKYLAB 1

UF SKYLAB SPACE STATION (UNMANNED)
SL 1
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 1
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SPACE MISSIONS

SKYLAB 2

UF SL 2
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 2
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 3

UF SL 3
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 3
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 4

UF SL 4
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 4
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLARK

USE SKYLARK ROCKET VEHICLE

SKYLARK ROCKET VEHICLE

UF SKYLARK
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
SOUNDING ROCKETS
SKYLARK ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

SKYMASTER AIRCRAFT

USE C-54 AIRCRAFT

SKYNET SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SKYNET SATELLITES
RT COMMUNICATION SATELLITES
SATELLITE NETWORKS
UK SATELLITES

SKYRAIDER AIRCRAFT

USE A-1 AIRCRAFT

SKYROCKET AIRCRAFT

USE D-558 AIRCRAFT

SKYSTREAK AIRCRAFT

USE D-558 AIRCRAFT

SKYVAN AIRCRAFT

USE SC-7 AIRCRAFT

SKYWARRIOR AIRCRAFT

USE A-3 AIRCRAFT

SL 1

USE SKYLAB 1

SL 2

USE SKYLAB 2

SL 3

USE SKYLAB 3

SL 4

USE SKYLAB 4

SL-3 ROCKET ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
SL-3 ROCKET ENGINE

SLABS

RT BILLETS
BLOCKS
FLAT PLATES
METAL PLATES
PLATES (STRUCTURAL MEMBERS)
∞ PLATFORMS
STRUCTURAL MEMBERS

SLAGS

RT AGGREGATES
REACTION PRODUCTS
WASTES

SLAM

USE SUPERSONIC LOW ALTITUDE MISSILE

SLAMMING

RT FLUID DYNAMICS

SLANT

USE SLOPES

SLANT PERCEPTION

USE SPACE PERCEPTION

SLASHES

USE CLEARINGS (OPENINGS)

SLATER ORBITALS

GS ORBITALS
SLATER ORBITALS
RT HARTREE-FOCK-SLATER METHOD
ORBITAL ELEMENTS

SLEDS

GS SURFACE VEHICLES
SLEDS
ROCKET PROPELLED SLEDS
RT DOLLIES
SKIDDING
TOWED BODIES
TRACTORS
TRAILERS

SLEEP

UF DROWSINESS
GS SLEEP
HYPERSONNIA
HYPNOSIS
INSOMNIA

NASA THESAURUS (VOLUME 1)

SLEEP-(CONT)

RT DREAMS
∞ DRIVES
RAPID EYE MOVEMENT STATE
REST

SLEEP DEPRIVATION

GS DEPRIVATION
SLEEP DEPRIVATION
RT CONSCIOUSNESS
INSOMNIA
WAKEFULNESS

SLEEVES

SN (EXCLUDES CLOTHING)
RT CONNECTORS
COUPLINGS
FASTENERS
FITTINGS
JOINTS (JUNCTIONS)

SLENDER BODIES

GS SLENDER BODIES
SLENDER CONES
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AXISYMMETRIC BODIES
∞ BODIES
DUCTED BODIES
FINENESS RATIO
MISSILE BODIES
STREAMLINED BODIES
SYMMETRICAL BODIES
∞ THIN BODIES

SLENDER CONES

GS CONES
CONICAL BODIES
SLENDER CONES
SLENDER BODIES
SLENDER CONES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
CONICAL BODIES
SLENDER CONES
RT AERODYNAMIC CONFIGURATIONS
AXISYMMETRIC BODIES

SLENDER WINGS

UF HIGH ASPECT RATIO WINGS
GS AIRFOILS
WINGS
SLENDER WINGS
INFINITE SPAN WINGS
RT FIXED WINGS
WING PLANFORMS

SLEUTH (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
MACHINE ORIENTED LANGUAGES
SLEUTH (PROGRAMMING
LANGUAGE)
RT COMPUTER PROGRAMMING

SLEWING

RT ANTENNAS
ERROR SIGNALS
POSITIONING DEVICES (MACHINERY)
RADAR TRACKING
SERVOMOTORS
SPINNERS

SLICING

GS CUTTING
SLICING
RT METAL CUTTING
PLANING
PLANNING
SCARFING
∞ SEPARATION
SPLITTING

SLICKS

USE OIL SLICKS

SLIDES

USE CHUTES

SLIDES (MICROSCOPY)

RT MICROSCOPY

SLIDING

RT INTERFACIAL TENSION

SLIDING-(CONT)		SLOPES-(CONT)		SLURRY PROPELLANTS-(CONT)	
	LUBRICATION		LANDFORMS		METAL PROPELLANTS
	MASS FLOW		LANDSLIDES		MONOPROPELLANTS
	∞ SLIP		LEVEL (HORIZONTAL)		SLURRIES
	SLUMPING		PITCH (INCLINATION)		SOLID ROCKET PROPELLANTS
	STATIC FRICTION		∞ PROFILES		
			∞ RAKES		
∞ SLIDING CONTACT			RAMP FUNCTIONS		
SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)		RAMPS (STRUCTURES)		
			TOPOGRAPHY		
RT	ELECTRIC CONTACTS	SLOSHING		SLUSH	
	SLIDING FRICTION	USE	LIQUID SLOSHING	RT	BAY ICE
					CRYOGENIC ROCKET PROPELLANTS
					ICE
					RUNWAY CONDITIONS
					SNOW
					WATER
SLIDING FRICTION		SLOT ANTENNAS		SLV	
GS	FRICTION	UF	SLOTTED ANTENNAS	USE	STANDARD LAUNCH VEHICLES
	KINETIC FRICTION	GS	ANTENNAS		
	SLIDING FRICTION		DIRECTIONAL ANTENNAS	SLV (SOFT LANDING VEHICLES)	
RT	COEFFICIENT OF FRICTION		SLOT ANTENNAS	USE	SOFT LANDING SPACECRAFT
	DRY FRICTION		MICROWAVE EQUIPMENT		
	ELECTRIC CONTACTS		MICROWAVE ANTENNAS	SM-65 MISSILE	
∞ SLIDING CONTACT		RT	SLOT ANTENNAS	USE	ATLAS LAUNCH VEHICLES
	STATIC FRICTION		ANTENNA DESIGN		
	WEAR		HORN ANTENNAS	SM-68 MISSILE	
			RADANT	USE	TITAN 1 ICBM
∞ SLIP			RADAR ANTENNAS		
SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)		WAVEGUIDE ANTENNAS	SM-68B MISSILE	
		SLOTS		USE	TITAN 2 ICBM
RT	PLASTIC DEFORMATION	GS	SLOTS		
	POLYSLIPS		WING SLOTS	SMALL ASTRONOMY SATELLITE 1	
	SIDESLIP	RT	LIFT DEVICES	USE	SAS-1
	SLIDING		LOUVERS	SMALL ASTRONOMY SATELLITE 2	
			OPENINGS	USE	SAS-2
			SLITS	SMALL ASTRONOMY SATELLITE 3	
SLIP BANDS		SLOTTED ANTENNAS		USE	SAS-3
USE	EDGE DISLOCATIONS	USE	SLOT ANTENNAS	SMALL ASTRONOMY SATELLITES	
SLIP CASTING		SLOTTED WIND TUNNELS		USE	SAS
GS	FORMING TECHNIQUES	GS	TEST FACILITIES	SMALL PERTURBATION FLOW	
	CASTING		WIND TUNNELS	GS	FLUID FLOW
	SLIP CASTING		SLOTTED WIND TUNNELS	SMALL PERTURBATION FLOW	
SLIP FLOW		RT	SUPERSONIC WIND TUNNELS	RT	FLOW DISTORTION
SN	(RAREFIED GAS FLOW IN THE REGION BETWEEN KNUDSEN NUMBERS 0.01 AND 0.1 ONLY, EXCLUDES TRANSITION FLOW, FREE MOLECULE FLOW CREEP, SHEAR FLOW, AND PLASTIC FLOW)		TRANSONIC WIND TUNNELS		OSCILLATING FLOW
			TRISONIC WIND TUNNELS		
GS	FLUID FLOW		VENTS	SMALL SCIENTIFIC SATELLITES	
	GAS FLOW	SLOW NEUTRONS		GS	SATELLITES
	MOLECULAR FLOW	USE	THERMAL NEUTRONS		ARTIFICIAL SATELLITES
	SLIP FLOW				SCIENTIFIC SATELLITES
RT	CONTINUUM FLOW	SLUDGE			SMALL SCIENTIFIC SATELLITES
	FREE MOLECULAR FLOW	GS	SLUDGE	SMALL WATER PLANE AREA TWIN HULL	
	LOW DENSITY WIND TUNNELS		ACTIVATED SLUDGE	USE	SWATH (SHIP)
	RAREFIED GAS DYNAMICS	RT	DEPOSITS	SMALLPOX	
	TRANSITION FLOW		LIQUID WASTES	GS	DISEASES
SLIPSTREAMS			MUD		INFECTIOUS DISEASES
GS	WAKES		OCEAN BOTTOM		SMALLPOX
	AIRCRAFT WAKES		ORGANIC WASTES (FUEL CONVERSION)	SMEAR	
	SLIPSTREAMS		REACTION PRODUCTS	RT	∞ FREQUENCY RESPONSE
	PROPELLER SLIPSTREAMS		SEDIMENTS		IMAGE CONTRAST
	TURBULENCE WAKES		SEWAGE TREATMENT		SIGNAL FADING
	SLIPSTREAMS		SOLID WASTES		TELEVISION TRANSMISSION
	PROPELLER SLIPSTREAMS		WASTE TREATMENT		VIDEO DATA
RT	BACKWASH		WASTES	SMELL	
	STROUHAL NUMBER	SLUMPING		USE	OLFACTORY PERCEPTION
	TURBULENCE	RT	GEOMORPHOLOGY	SMELTING	
SLITS			MASS FLOW	RT	MELTING
GS	OPENINGS		SLIDING		∞ METALLURGY
	SLITS	SLURRIES			REDUCTION (CHEMISTRY)
RT	APERTURES	GS	MIXTURES		REFINING
	FRESNEL REFLECTORS		SLURRIES	SMITH CHART	
	SLOTS	RT	DISPERSIONS	RT	ELECTRICAL IMPEDANCE
SLIVERS			EMULSIONS		IMPEDANCE
RT	FIBERS		GELS		POLAR COORDINATES
	WOOD		RHEOCASTING		REACTANCE
			SLURRY PROPELLANTS		STANDING WAVE RATIOS
SLOPES		SLURRY PROPELLANTS			TRANSMISSION LINES
UF	CANT	GS	LIQUIDS		WAVEGUIDES
	SLANT		LIQUID FUELS	SMM-A	
	STEEPNESS		LIQUID ROCKET PROPELLANTS	USE	SOLAR MAXIMUM MISSION-A
GS	SLOPES		SLURRY PROPELLANTS	SMOG	
	GUIDE PATHS		PROPELLANTS	RT	AIR POLLUTION
RT	ANGLES (GEOMETRY)		ROCKET PROPELLANTS		AIR SAMPLING
	CLIFFS		LIQUID ROCKET PROPELLANTS		CARBON MONOXIDE
	ESCARPMENTS	RT	SLURRY PROPELLANTS		
	∞ GRADE		AIRCRAFT FUELS		
	GRADIENTS		COLLOIDAL PROPELLANTS		
	HEIGHT		DISPERSIONS		
∞ INCLINATION			GELLED ROCKET PROPELLANTS		
			METAL FUELS		

SMOKE

SMOG-(CONT)

COMBUSTION PRODUCTS
ENVIRONMENTAL CHEMISTRY
EXHAUST GASES
FLAMES
FOG
HYDROCARBON COMBUSTION
HYDROCARBON POISONING
LEAD POISONING
SMOKE

SMOKE

GS MIXTURES
DISPERSIONS
PLASTISOLS
SMOKE
RT AEROSOLS
AIR POLLUTION
COMBUSTION PRODUCTS
DUST
EXHAUST GASES
FIRE DAMAGE
FOG
FOREST FIRES
FUMES
HAZE DETECTION
∞ MARKERS
PARTICLES
SMOG
SOOT
VAPORS
VISIBILITY

SMOKE ABATEMENT

RT AEROSOLS
AIR POLLUTION
CARBON DIOXIDE REMOVAL
EXHAUST GASES
POLLUTION
SOOT

SMOKE DETECTORS

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SMOKE DETECTORS
RT FIRE PREVENTION
FUMES
GAS DETECTORS
SAFETY DEVICES
SIGNAL PROCESSING

SMOKE TRAILS

RT ∞ TRACKS
WIND DIRECTION
WIND MEASUREMENT
WIND PROFILES

SMOOTHING

GS SMOOTHING
DATA SMOOTHING
RT ADJUSTING
FLATTENING
HONING
LEVELING
PLANING
POLISHING
ROUGHNESS

SMS

USE SYNCHRONOUS METEOROLOGICAL
SATELLITE

SMS 1

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SYNCHRONOUS SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
RT GOES 2
NOAA SATELLITES

SMS 2

GS SATELLITES
ARTIFICIAL SATELLITES

SMS 2-(CONT)

METEOROLOGICAL SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 2
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 2
SYNCHRONOUS SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 2
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 2
RT GOES 2
NOAA SATELLITES

SMU (MANEUVERING UNITS)

USE SELF MANEUVERING UNITS

SNAILS

GS ANIMALS
INVERTEBRATES
ARTHROPODS
CEPHALOPODS
SNAILS

SNAKES

GS ANIMALS
POIKILOthermia
REPTILES
SNAKES
VERTEBRATES
REPTILES
SNAKES

SNAKING

USE LATERAL OSCILLATION

SNAP

UF SYSTEMS FOR NUCLEAR AUXILIARY
POWER
GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50

NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS

SNAP

FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A

SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50

RT ELECTRIC GENERATORS
HEAT EXCHANGERS
NUCLEAR POWER REACTORS
SNAPTRAN REACTOR
SPACE POWER UNIT REACTORS
∞ SYSTEMS
THERMIONIC CONVERTERS

SNAP-(CONT)

THERMIONIC POWER GENERATION
THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION
TRANSIENT REACTOR TEST FACILITY
TURBOGENERATORS

SNAP 1

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 1
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 1
RT HEAT EXCHANGERS
TURBOGENERATORS

SNAP 2

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 3

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 3
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
THERMOELECTRIC GENERATORS
SNAP 3
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 3

SNAP 4

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 4
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 4
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 4
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 4
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 4
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 4
RT SPACE POWER UNIT REACTORS

SNAP 7

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 7
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 7
THERMOELECTRIC GENERATORS
SNAP 7
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 7

SNAP 8

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 8
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 8
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 8
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 8
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 8
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 8
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 9A

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 9A
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 9A
THERMOELECTRIC GENERATORS
SNAP 9A
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 9A

SNAP 10A

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 10A
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 10A
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
THERMOELECTRIC GENERATORS
SNAP 10A
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 10A
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 10A
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 10A
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS

SNAP 10A-(CONT)

RT SNAP 10A
HEAT EXCHANGERS
SNAPSHOT SATELLITE

SNAP 11

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 11
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 11
THERMOELECTRIC GENERATORS
SNAP 11
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 11

SNAP 13

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 13
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 13
THERMIONIC CONVERTERS
SNAP 13
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 13
RT THERMIONIC POWER GENERATION

SNAP 15

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 15
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 15
THERMOELECTRIC GENERATORS
SNAP 15
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 15

SNAP 17

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 17
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 17
THERMOELECTRIC GENERATORS
SNAP 17
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 17

SNAP 19

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 19
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 19
THERMOELECTRIC GENERATORS
SNAP 19
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 19

SNAP 21

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP

SNAP 21-(CONT)

SNAP 21
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 21
THERMOELECTRIC GENERATORS
SNAP 21
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 21

SNAP 23

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 23
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 23
THERMOELECTRIC GENERATORS
SNAP 23
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 23

SNAP 27

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 27
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 27
THERMOELECTRIC GENERATORS
SNAP 27
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 27

SNAP 29

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 29
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 29
THERMOELECTRIC GENERATORS
SNAP 29
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 29

SNAP 50

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 50
SPACE POWER REACTORS
SNAP 50
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
SNAP 50
SPACE POWER REACTORS
SNAP 50
RT SPACE POWER UNIT REACTORS

SNAPSHOT SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SNAPSHOT SATELLITE
RT SNAP 10A

SNAPTRAN REACTOR

RT REACTORS
SNAP

SNATCHING

USE SPACECRAFT RECOVERY

SNEAK CIRCUIT ANALYSIS

SNEAK CIRCUIT ANALYSIS

GS NETWORK ANALYSIS
SNEAK CIRCUIT ANALYSIS
 RT AUTOMATIC TEST EQUIPMENT
 CIRCUIT PROTECTION
 CIRCUIT RELIABILITY
 CRITICAL PATH METHOD
 ELECTRIC NETWORKS
 ELECTRICAL FAULTS
 RELIABILITY ENGINEERING
 SHORT CIRCUITS
 SIGNAL FLOW GRAPHS
 TREES (MATHEMATICS)

SNEEZING

GS REFLEXES
 RESPIRATORY REFLEXES
SNEEZING
 RT INVOLUNTARY ACTIONS
 VASOCONSTRICTION

SNELLEN TESTS

RT ∞ TESTS
 VISUAL ACUITY

SNELLS LAW

GS LAWS
SNELLS LAW
 RT GEOMETRICAL OPTICS
 ∞ OPTICS
 REFRACTION
 REFRACTIVITY

SNOW

GS PRECIPITATION (METEOROLOGY)
SNOW
 RT ACID RAIN
 CIRQUES (LANDFORMS)
 CLOUD GLACIATION
 ICE FORMATION
 SLUSH
 STORMS (METEOROLOGY)

SNOW AERIAL APPLICATOR AIRCRAFT S-2B

USE S-2 AIRCRAFT

SNOW AIRCRAFT

GS **SNOW AIRCRAFT**
 S-2 AIRCRAFT
 RT ∞ AIRCRAFT
 UTILITY AIRCRAFT

SNOW COVER

GS PRECIPITATION (METEOROLOGY)
SNOW COVER
 RT CLOUD GLACIATION
 COLD WEATHER
 STORM DAMAGE
 STORMS
 STORMS (METEOROLOGY)

SNOW S-2 AIRCRAFT

USE S-2 AIRCRAFT

SNOWFLOW EFFECT

USE PLASMA DYNAMICS

SNOWSTORMS

GS STORMS
 STORMS (METEOROLOGY)
SNOWSTORMS
 RT CLIMATOLOGY
 PRECIPITATION (METEOROLOGY)
 STORM ENHANCEMENT
 STORM SUPPRESSION
 WEATHER FORECASTING
 WEATHER MODIFICATION

∞ SOAKING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BATHS
 HEAT TREATMENT
 HEATING
 SUBMERGING
 WATER IMMERSION
 WETTING

SOAPS

GS CONSUMABLES (SPACECRAFT)
 CONSUMABLES (SPACECREW
 SUPPLIES)
SOAPS

SOAPS-(CONT)

RT DETERGENTS
 STEARATES
 SURFACTANTS
 WETTING

SOARING

RT CLIMBING FLIGHT
 COASTING FLIGHT
 ∞ FLIGHT
 GLIDERS
 GLIDING
 HANG GLIDERS
 HORIZONTAL FLIGHT
 MAN POWERED AIRCRAFT
 VERTICAL AIR CURRENTS

SOBOLEV SPACE

GS ALGEBRA
 VECTOR SPACES
 HILBERT SPACE
 BANACH SPACE
SOBOLEV SPACE
 ANALYSIS (MATHEMATICS)
 FUNCTION SPACE
 HILBERT SPACE
 BANACH SPACE
SOBOLEV SPACE
 FUNCTIONAL ANALYSIS
 HILBERT SPACE
 BANACH SPACE
SOBOLEV SPACE
 RT BOUNDARY VALUE PROBLEMS
 EUCLIDEAN GEOMETRY

SOCIAL FACTORS

GS SOCIOLOGY
SOCIAL FACTORS
 ETHNIC FACTORS
 RT ANTHROPOLOGY
 CRIME
 CULTURE (SOCIAL SCIENCES)
 POLICE
 RACE FACTORS
 SPACE PSYCHOLOGY
 STARSITE PROGRAM
 URBAN PLANNING
 URBAN RESEARCH
 ∞ VARIABLE

SOCIAL ISOLATION

GS ISOLATION
SOCIAL ISOLATION
 RT SOCIOLOGY

SOCIAL PSYCHIATRY

GS MEDICAL SCIENCE
 PSYCHIATRY
SOCIAL PSYCHIATRY
 RT SOCIOLOGY

SOCIOLOGY

GS **SOCIOLOGY**
 SOCIAL FACTORS
 ETHNIC FACTORS
 RT ANTHROPOLOGY
 CASE HISTORIES
 CITIES
 COMMUNITIES
 CULTURE (SOCIAL SCIENCES)
 DEMOGRAPHY
 DEPENDENCE
 ETHNIC FACTORS
 GROUP DYNAMICS
 HUMAN RELATIONS
 MINORITIES
 POLITICS
 RACE FACTORS
 RETIREMENT
 SOCIAL ISOLATION
 SOCIAL PSYCHIATRY
 SYSTEMS ANALYSIS
 URBAN PLANNING

SOCKS

GS CLOTHING
SOCKS
 RT FABRICS
 SHOES

SOD

RT CANOPIES (VEGETATION)
 FARMLANDS
 GRASSES
 GRASSLANDS

NASA THESAURUS (VOLUME 1)

SOD-(CONT)

LAND
 FLOWING

SODALITE

RT CHEMICAL REACTIONS
 PHOTOCHEMICAL REACTIONS
 PHOTOCHROMISM

SODAR

RT ACOUSTIC SCATTERING
 ATMOSPHERIC TEMPERATURE
 ∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGY
 SOUND DETECTING AND RANGING
 TEMPERATURE MEASUREMENT

SODIUM

GS CHEMICAL ELEMENTS
 ALKALI METALS
SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 METALS
 ALKALI METALS
SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 RT DAWSONITE
 LIQUID METAL COOLED REACTORS

SODIUM ALLOYS

GS ALLOYS
SODIUM ALLOYS

SODIUM AZIDES

GS NITROGEN COMPOUNDS
 AZIDES (INORGANIC)
SODIUM AZIDES
 AZIDES (ORGANIC)
SODIUM AZIDES
 SODIUM COMPOUNDS
SODIUM AZIDES
 RT DETONATORS
 EXPLOSIVES

SODIUM BROMIDES

GS HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
 BROMIDES
SODIUM BROMIDES
 HALIDES
 BROMIDES
SODIUM BROMIDES
 METAL HALIDES
 ALKALI HALIDES
SODIUM BROMIDES
 SODIUM COMPOUNDS
SODIUM BROMIDES

SODIUM CARBONATES

GS CARBON COMPOUNDS
 CARBONATES
SODIUM CARBONATES
 SODIUM COMPOUNDS
SODIUM CARBONATES

SODIUM CHLORIDES

GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
SODIUM CHLORIDES
 HALIDES
 CHLORIDES
SODIUM CHLORIDES
 METAL HALIDES
 ALKALI HALIDES
SODIUM CHLORIDES
 SODIUM COMPOUNDS
SODIUM CHLORIDES
 RT MOLTEN SALTS
 SALT BEDS
 ∞ SALTS

SODIUM CHLORODIFLUOROACETATES

GS ACETATES

NASA THESAURUS (VOLUME 1)

SODIUM CHLORODIFLUOROACETATES-(CONT)
SODIUM CHLORODIFLUOROACETATES
 ALIPHATIC COMPOUNDS
SODIUM CHLORODIFLUOROACETATES
 ESTERS
SODIUM CHLORODIFLUOROACETATES

SODIUM CHROMITES
 GS **SODIUM COMPOUNDS**
SODIUM CHROMITES

SODIUM COMPOUNDS
 GS **SODIUM COMPOUNDS**
 CRYOLITE
 NEMBTAL (TRADEMARK)
 NEPHELINE
 SODIUM AZIDES
 SODIUM BROMIDES
 SODIUM CARBONATES
 SODIUM CHLORIDES
 SODIUM CHROMITES
 SODIUM FLUORIDES
 SODIUM GALLATES
 SODIUM HYDRIDES
 SODIUM HYDROXIDES
 SODIUM IODIDES
 SODIUM NITRATES
 SODIUM PEROXIDES
 SODIUM SALICYLATES
 SODIUM SILICATES
 SPODUMENE
 TALC
 TOURMALINE
 SODIUM SULFATES
 SODIUM SULFITES
 RT ∞ ALKALI METAL COMPOUNDS
 BLOEDITE
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

SODIUM COOLING
 SN (COOLING WITH SODIUM)
 GS COOLING
SODIUM COOLING
 RT COOLANTS
 LIQUID COOLED REACTORS
 LIQUID COOLING

SODIUM FLUORIDES
 GS HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
SODIUM FLUORIDES
 HALIDES
 METAL HALIDES
 ALKALI HALIDES
SODIUM FLUORIDES
 SODIUM COMPOUNDS
SODIUM FLUORIDES

SODIUM GALLATES
 GS GALLIUM COMPOUNDS
 GALLATES
SODIUM GALLATES
 SODIUM COMPOUNDS
SODIUM GALLATES

SODIUM GRAPHITE REACTORS
 UF SGR (NUCLEAR REACTORS)
 GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 LIQUID METAL COOLED REACTORS
SODIUM GRAPHITE REACTORS
 RT HALLAM NUCLEAR POWER FACILITY
 NUCLEAR POWER REACTORS

SODIUM HYDRIDES
 GS HYDROGEN COMPOUNDS
 HYDRIDES
 METAL HYDRIDES
SODIUM HYDRIDES
 SODIUM COMPOUNDS
SODIUM HYDRIDES

SODIUM HYDROXIDES
 GS ALKALIES
SODIUM HYDROXIDES
 HYDROXIDES
SODIUM HYDROXIDES
 SODIUM COMPOUNDS
SODIUM HYDROXIDES

SODIUM IODIDES
 GS HALOGEN COMPOUNDS
 HALIDES
 METAL HALIDES
 ALKALI HALIDES
SODIUM IODIDES
 IODINE COMPOUNDS
 IODIDES
SODIUM IODIDES
 SODIUM COMPOUNDS
SODIUM IODIDES

SODIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 SODIUM
SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 NUCLIDES
 ISOTOPES
SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 METALS
 ALKALI METALS
 SODIUM
SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24

SODIUM NITRATES
 GS NITROGEN COMPOUNDS
 NITRATES
 INORGANIC NITRATES
SODIUM NITRATES
 SODIUM COMPOUNDS
SODIUM NITRATES

SODIUM PEROXIDES
 GS CHALCOGENIDES
 OXIDES
 ANHYDRIDES
 PEROXIDES
SODIUM PEROXIDES
 METAL OXIDES
SODIUM PEROXIDES
 SODIUM COMPOUNDS
SODIUM PEROXIDES

SODIUM REACTOR EXPERIMENT
 UF SRE REACTOR
 GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 LIQUID METAL COOLED REACTORS
SODIUM REACTOR EXPERIMENT
 NUCLEAR RESEARCH AND TEST
 REACTORS
SODIUM REACTOR EXPERIMENT
 RT LIQUID METAL COOLED REACTORS

SODIUM SALICYLATES
 GS ESTERS
SODIUM SALICYLATES
 SALICYLATES
SODIUM SALICYLATES
 SODIUM COMPOUNDS
SODIUM SALICYLATES

SODIUM SILICATES
 GS SILICON COMPOUNDS
 SILICATES
SODIUM SILICATES
 SPODUMENE
 TALC
 TOURMALINE
 SODIUM COMPOUNDS
SODIUM SILICATES
 SPODUMENE
 TALC
 TOURMALINE
 RT MINERALS

SODIUM SULFATES
 GS SODIUM COMPOUNDS
SODIUM SULFATES
 SULFUR COMPOUNDS
 SULFATES
SODIUM SULFATES

SODIUM SULFITES
 GS SODIUM COMPOUNDS
SODIUM SULFITES
 SULFUR COMPOUNDS
 SULFITES

SOFT LANDING SPACECRAFT

SODIUM SULFITES-(CONT)
SODIUM SULFITES

SODIUM SULFUR BATTERIES
 GS ELECTROCHEMICAL CELLS
 ELECTRIC BATTERIES
 PRIMARY BATTERIES
SODIUM SULFUR BATTERIES
 RT ∞ ELECTRIC CELLS

SODIUM VAPOR
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 SODIUM
SODIUM VAPOR
 METALS
 ALKALI METALS
 SODIUM
SODIUM VAPOR
 METAL VAPORS
SODIUM VAPOR
 VAPORS
 METAL VAPORS
SODIUM VAPOR
 RT MERCURY VAPOR

SODIUM 22
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 SODIUM
SODIUM 22
 SODIUM ISOTOPES
SODIUM 22
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
SODIUM 22
 SODIUM ISOTOPES
SODIUM 22
 METALS
 ALKALI METALS
 SODIUM
 SODIUM ISOTOPES
SODIUM 22

SODIUM 24
 GS CHEMICAL ELEMENTS
 ALKALI METALS
 SODIUM
SODIUM 24
 SODIUM ISOTOPES
SODIUM 24
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
SODIUM 24
 SODIUM ISOTOPES
SODIUM 24
 METALS
 ALKALI METALS
 SODIUM
 SODIUM ISOTOPES
SODIUM 24

SOFAR
 USE SOUND FIXING AND RANGING

SOFT LANDING
 SN (SPACECRAFT OR AIRCRAFT)
 UF SOFT RECOVERY
 GS LANDING
SOFT LANDING
 RT AIRCRAFT LANDING
 ∞ ASTRONAUTICS
 CRASH LANDING
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 MARS LANDING
 PLANETARY LANDING
 SPACECRAFT LANDING
 SURVEYOR PROJECT
 VIKING 75 ENTRY VEHICLE
 WATER LANDING

SOFT LANDING SPACECRAFT
 UF SLV (SOFT LANDING VEHICLES)
 GS **SOFT LANDING SPACECRAFT**
 AEROSPACEPLANES
 ASTROPLANE
 APOLLO SPACECRAFT
 APOLLO LUNAR EXPERIMENT
 MODULE
 ASTRO VEHICLE
 GEMINI B SPACECRAFT
 GEMINI SPACECRAFT

SOFT RECOVERY

SOFT LANDING SPACECRAFT-(CONT)

GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
JANUS SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
MARS EXCURSION MODULE
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
RT APOLLO PROJECT
FERRY SPACECRAFT
HOVERING ROCKET VEHICLES
LUNAR PROBES
REUSABLE SPACECRAFT
SPACE CAPSULES
∞ SPACECRAFT
SPACECRAFT LANDING
SURVEYOR PROJECT
X-20 AIRCRAFT

SOFT RECOVERY

USE SOFT LANDING

SOFTENING

SN (EXCLUDES WATER SOFTENING)
GS SOFTENING
WORK SOFTENING
RT ANNEALING
DEIONIZATION
DEMINERALIZING
DIGESTING
DISSOLVING
HARDENING (MATERIALS)
ION EXCHANGING

SOFTNESS

RT DUCTILITY
ELASTIC PROPERTIES
FLEXIBILITY
HARDNESS
STIFFNESS

SOFTWARE (COMPUTERS)

USE COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS

SOFTWARE ENGINEERING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
ASSEMBLER ROUTINES
LANGUAGE PROGRAMMING
LOGIC PROGRAMMING
MICROPROGRAMMING
MULTIPROGRAMMING
ON-LINE PROGRAMMING
PARALLEL PROGRAMMING
SYMBOLIC PROGRAMMING
RT COMPUTER PROGRAMS
COMPUTER SYSTEMS DESIGN
COMPUTER SYSTEMS PROGRAMS
DATA BASES
SOFTWARE TOOLS
SYSTEMS ENGINEERING

SOFTWARE TOOLS

RT ARCHITECTURE (COMPUTERS)
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS DESIGN
COMPUTER SYSTEMS PROGRAMS

SOFTWARE TOOLS-(CONT)

DATA BASE MANAGEMENT SYSTEMS
PROGRAM VERIFICATION (COMPUTERS)
SOFTWARE ENGINEERING

SOIL EROSION

GS EROSION
SOIL EROSION
RT ABRASION
ATMOSPHERIC EFFECTS
DETERIORATION
ENVIRONMENT EFFECTS
HYDROGEOLOGY
LANDSLIDES
OUTLIERS (LANDFORMS)
PENEPLAINS
RAIN EROSION
RAIN IMPACT DAMAGE
SOILS
WATER EROSION
WEATHERING
WIND EFFECTS

SOIL MAPPING

GS MAPPING
SOIL MAPPING
RT GEOGRAPHIC APPLICATIONS PROGRAM
MAPS
PHOTOMAPPING
SOILS
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS

SOIL MECHANICS

RT CRUSTAL FRACTURES
FRACTURE MECHANICS
GEOTECHNICAL ENGINEERING
GEOTECHNICAL FABRICS
ROCK MECHANICS

SOIL MOISTURE

GS MOISTURE
SOIL MOISTURE
RT LYSIMETERS
MOISTURE CONTENT
PLANT STRESS
SOILS
VEGETATION GROWTH

SOIL SCIENCE

UF PEDOLOGY
RT AGRICULTURE
CONSERVATION
EROSION
SOILS
VEGETATION GROWTH

SOILS

GS SOILS
ALLUVIUM
DIRT
GRAVELS
LATERITES
LUNAR SOIL
LUNAR DUST
MUD
PERMAFROST
SANDS
MONAZITE SANDS
TAR SANDS
RT ANDESITE
ANORTHOSITE
ATAXITE
BARREN LAND
BASALT
BEDROCK
BENTONITE
BOREHOLES
BRECCIA
CARBONACEOUS ROCKS
CLAYS
COAL
CONSERVATION
CULTIVATION
DELTAS
DIORITE
DUNITE
EARTH RESOURCES
ECLOGITE
ENSTATITE
FORMATIONS
GEOLOGY
GNEISS
GRANITE

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SOILS-(CONT)

IGNEOUS ROCKS
ILLITE
KAOLINITE
LAND
LANDSLIDES
LAVA
LIMESTONE
LYSIMETERS
MAGMA
MINERALS
MOLDAVITE
MUSKEGS
OBSIDIAN
OLIVINE
PERIDOTITE
PLANTING
POLYURETHANE FOAM
POROUS MATERIALS
PUMICE
PYROXENES
QUARTZ
ROCKS
SANDSTONES
SEDIMENTARY ROCKS
SERPENTINE
SHALES
SOIL EROSION
SOIL MAPPING
SOIL MOISTURE
SOIL SCIENCE
STRIP MINING
SYENITE
TRACHYTE
TUNNELING (EXCAVATION)
VADOSE WATER
VEGETATION GROWTH

SOL-GEL PROCESSES

RT CERAMIC NUCLEAR FUELS
NUCLEAR FUELS
∞ PROCESSES

SOLAR ACTIVITY

GS STELLAR ACTIVITY
SOLAR ACTIVITY
FACULAE
SOLAR PROMINENCES
SOLAR STORMS
SPICULES
STELLAR FLARES
SOLAR FLARES
SUNSPOTS
RT ∞ ACTIVITY
AURORAS
∞ DISTURBANCES
INTERNATIONAL QUIET SUN YEAR
IRIS SATELLITES
MAGNETIC DISTURBANCES
PROMINENCES
RADIO AURORAS
SOLAR PLANETARY INTERACTIONS
STARSPOTS
SUN
SUNSPOT CYCLE

SOLAR ACTIVITY EFFECTS

RT BLACKOUT (PROPAGATION)
∞ EFFECTS
GALACTIC COSMIC RAYS
HELIOSPHERE
MAGNETIC DISTURBANCES
SECULAR VARIATIONS
SOLAR OSCILLATIONS
SOLAR PLANETARY INTERACTIONS
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS
SUN

SOLAR ARRAYS

UF ROLLUP SOLAR ARRAYS
GS ARRAYS
SOLAR ARRAYS
SOLAR BLANKETS
RT ELECTROSTATIC BONDING
PAYLOAD DELIVERY (STS)
POWER MODULES (STS)
SATELLITE POWER TRANSMISSION (TO EARTH)
SELF SHADOWING
SOLAR ATRIUMS
SUN

SOLAR ATMOSPHERE

GS ENVIRONMENTS

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SOLAR ATMOSPHERE-(CONT)

EXTRATERRESTRIAL ENVIRONMENTS
STELLAR ATMOSPHERES
SOLAR ATMOSPHERE
RT ∞ ATMOSPHERES
CHROMOSPHERE
M REGION
PHOTOSPHERE
SOLAR OSCILLATIONS
SPICULES
STELLAR STRUCTURE
SUN

SOLAR ATRIUMS

RT SOLAR ARRAYS
SOLAR HEATING
SOLAR REFLECTORS
SPACE HEATING (BUILDINGS)
SUN

SOLAR AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
SOLAR AUXILIARY POWER UNITS
SUNFLOWER POWER SYSTEM
ELECTRIC GENERATORS
SOLAR GENERATORS
SOLAR AUXILIARY POWER UNITS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
SUNFLOWER POWER SYSTEM
RT SUN

SOLAR AZIMUTH

USE AZIMUTH
SOLAR POSITION

SOLAR BACKSCATTER UV SPECTROMETER

GS MEASURING INSTRUMENTS
SPECTROMETERS
SOLAR BACKSCATTER UV
SPECTROMETER
RT IRRADIANCE
SATELLITE-BORNE INSTRUMENTS

SOLAR BLANKETS

GS ARRAYS
SOLAR ARRAYS
SOLAR BLANKETS
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
THERMIONIC CONVERTERS
SOLAR BLANKETS
RT ∞ BLANKETS
∞ CONVERTERS
SUN

SOLAR CELL CALIBRATION FACILITY

UF SCCF
GS PAYLOADS
SPACELAB PAYLOADS
SOLAR CELL CALIBRATION FACILITY
RT CALIBRATING
∞ FACILITIES
SPACE TRANSPORTATION SYSTEM
FLIGHTS

SOLAR CELLS

UF SILICON SOLAR CELLS
WRAPAROUND CONTACT SOLAR CELLS
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
SOLAR GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
RT ANTIREFLECTION COATINGS
CARRIER LIFETIME
CARRIER TRANSPORT (SOLID STATE)
∞ CELLS
∞ ELECTRIC CELLS
ELECTROSTATIC BONDING
FLOAT ZONES
FUEL CELLS
HETEROJUNCTIONS
OPEN CIRCUIT VOLTAGE
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOVOLTAIC CELLS
QUANTUM EFFICIENCY
SATELLITE POWER TRANSMISSION (TO
EARTH)

SOLAR CELLS-(CONT)

SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SEMICONDUCTOR DEVICES
SHORT CIRCUIT CURRENTS
SIS (SEMICONDUCTORS)
SOLAR POWERED AIRCRAFT
SPECTROPHOTOVOLTAICS
SUN
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS

SOLAR COLLECTORS

UF SOLAR RECEIVERS
GS ACCUMULATORS
SOLAR COLLECTORS
SOLAR REFLECTORS
REFLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
RT CONCENTRATORS
MIRRORS
SELECTIVE SURFACES
SPACE COOLING (BUILDINGS)
SPECTROPHOTOVOLTAICS
SUN
SUNFLOWER POWER SYSTEM

SOLAR COMPASSES

GS AIRCRAFT INSTRUMENTS
COMPASSES
SOLAR COMPASSES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
COMPASSES
SOLAR COMPASSES
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
AIRPORT BEACONS
ALL-WEATHER AIR NAVIGATION
APPROACH INDICATORS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
BEACONS
DECCA NAVIGATION
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLIGHT PATHS
GYROCOMPASSES
HELIPORTS
HOMING DEVICES
LANDING AIDS
LORAN
MAGNETIC COMPASSES
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR BEACONS
RADIO BEACONS
RADIO NAVIGATION
SELF CALIBRATING OMNIRANGE
SHORAN
SUN
TACAN
VHF OMNIRANGE NAVIGATION
WEATHER

SOLAR CONSTANT

GS CONSTANTS
SOLAR CONSTANT
RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
SOLAR CONSTANT
SOLAR FLUX DENSITY
SOLAR CONSTANT
RT ILLUMINANCE
PARTICLE FLUX DENSITY
SUN

SOLAR CONVERTERS

USE SOLAR GENERATORS

SOLAR COOLING

GS COOLING
SOLAR COOLING
RT COOLING SYSTEMS
DOMESTIC ENERGY
ENERGY TECHNOLOGY
RESIDENTIAL ENERGY
SPACE COOLING (BUILDINGS)

SOLAR ELECTRIC PROPULSION

SOLAR COOLING-(CONT)

SUN

SOLAR CORONA

UF SOLAR NEBULA
GS CORONAS
STELLAR CORONAS
SOLAR CORONA
CORONAL LOOPS
RT CHROMOSPHERE
ELECTRIC CORONA
NEBULAE
STELLAR STRUCTURE
SUN

SOLAR CORPUSCULAR RADIATION

UF SOLAR STREAMS
GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR NEUTRINOS
SOLAR PROTONS
PARTICLES
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR PROTONS
RT M REGION
∞ RADIATION
SOLAR PLANETARY INTERACTIONS
SUDDEN STORM COMMENCEMENTS
SUN

SOLAR COSMIC RAYS

GS EXTRATERRESTRIAL RADIATION
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
SOLAR RADIATION
SOLAR COSMIC RAYS
IONIZING RADIATION
COSMIC RAYS
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
PARTICLES
CORPUSCULAR RADIATION
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
RT ELECTRON ACCELERATION
ENERGETIC PARTICLES
GRIST (TELESCOPE)
SUN

SOLAR CYCLES

GS CYCLES
SOLAR CYCLES
SUNSPOT CYCLE
RT INTERNATIONAL QUIET SUN YEAR
IRIS SATELLITES
SECULAR VARIATIONS
SUN
SUNSPOTS
TWENTY-SEVEN DAY VARIATION

SOLAR DIAMETER

RT ASTROMETRY
∞ SCIENCE
SOLAR ECLIPSES

SOLAR DISK

USE SUN

SOLAR DYNAMICS

USE HELIOSEISMOLOGY

SOLAR ECLIPSES

GS ECLIPSES
SOLAR ECLIPSES
OCCULTATION
LUNAR OCCULTATION
SOLAR ECLIPSES
RT LUNAR SHADOW
SOLAR DIAMETER
SUN

SOLAR ELECTRIC PROPULSION

GS PROPULSION
ELECTRIC PROPULSION
SOLAR ELECTRIC PROPULSION
LOW THRUST PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SPACECRAFT PROPULSION
SOLAR PROPULSION

SOLAR ELECTRONS

SOLAR ELECTRIC PROPULSION-(CONT)

SOLAR ELECTRIC PROPULSION
RT SOLAR POWERED AIRCRAFT
SOLAR THERMAL PROPULSION
SUN

SOLAR ELECTRONS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
PARTICLES
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
RT SUN

SOLAR ENERGY

RT CIRCUMSOLAR TELESCOPES
CLEAN ENERGY
∞ ENERGY
ENERGY ABSORPTION FILMS
IRIS SATELLITES
PHASE CHANGE MATERIALS
SOLAR THERMAL ELECTRIC POWER
PLANTS
SOLETTAS
SUN

SOLAR ENERGY ABSORBERS

RT ABSORBERS (MATERIALS)
ELECTROMAGNETIC ABSORPTION
PHOTOTHERMAL CONVERSION
SELECTIVE SURFACES
SUN
TROMBE WALLS

SOLAR ENERGY CONVERSION

GS ENERGY CONVERSION
SOLAR ENERGY CONVERSION
SOLAR TOTAL ENERGY SYSTEMS
RT COGENERATION
∞ CONVERSION
ENERGY TECHNOLOGY
HETEROJUNCTION DEVICES
HYDROGEN PRODUCTION
PHASE CHANGE MATERIALS
PHOTOELECTRIC GENERATORS
PHOTOELECTROCHEMICAL DEVICES
PHOTOTHERMAL CONVERSION
SOLAR-PUMPED LASERS
SPACE COOLING (BUILDINGS)
SUN

SOLAR FACULAE

USE FACULAE

SOLAR FLARES

GS STELLAR ACTIVITY
SOLAR ACTIVITY
STELLAR FLARES
SOLAR FLARES
RT CORONAL LOOPS
FLARE STARS
∞ FLARES
∞ FLASH
FORBUSH DECREASES
IRIS SATELLITES
MAGNETIC DISTURBANCES
SOLAR MAXIMUM MISSION
SUDDEN STORM COMMENCEMENTS
SUN
SUNSPOTS

SOLAR FLUX

SN (ENERGY OR PARTICLES EMITTED
FROM THE SUN PER UNIT TIME--DO
NOT CONFUSE WITH SOLAR FLUX
DENSITY THE ENERGY OR PARTICLE
EMISSION OR DETECTION RATE PER
UNIT AREA)
GS RATES (PER TIME)
FLUX (RATE)
SOLAR FLUX
RT HEAT FLUX
LIMB BRIGHTENING
SUN

SOLAR FLUX DENSITY .

GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
SOLAR FLUX DENSITY
SOLAR CONSTANT
RT ELECTRON FLUX DENSITY

SOLAR FLUX DENSITY-(CONT)

HELIOS SATELLITES
ILLUMINANCE
IRRADIANCE
LIMB BRIGHTENING
LUMINANCE
LUMINOUS INTENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
RADIATION PRESSURE
SUN

SOLAR FURNACES

GS HEATING EQUIPMENT
FURNACES
SOLAR FURNACES
RT FORBUSH DECREASES
MELTING
SUN
VACUUM FURNACES

SOLAR GENERATORS

UF SOLAR CONVERTERS
SOLAR POWER GENERATION
SOLAR POWER SOURCES
GS ELECTRIC GENERATORS
SOLAR GENERATORS
SOLAR AUXILIARY POWER UNITS
ASTEC SOLAR TURBOELECTRIC
GENERATOR
SUNFLOWER POWER SYSTEM
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
RT DIRECT POWER GENERATORS
FUEL CELLS
PADDLES
PHOTOELECTRIC CELLS
PHOTOELECTRIC GENERATORS
PHOTOVOLTAIC CELLS
∞ POWER SUPPLIES
RANKINE CYCLE
SOLAR SEA POWER PLANTS
SUN
THERMOELECTRIC GENERATORS
TURBOGENERATORS

SOLAR GRANULATION

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS
SOLAR GRANULATION
PHOTOSPHERE
SOLAR GRANULATION
RT BENARD CELLS
BRIGHTNESS DISTRIBUTION
CONVECTION CURRENTS
LIMB BRIGHTENING
SUN
SURFACE LAYERS
TEMPERATURE EFFECTS

SOLAR GRAVITATION

UF EJECTION
GS GRAVITATION
SOLAR GRAVITATION
RT SUN

SOLAR HEATING

GS HEATING
SOLAR HEATING
RT BIOCONVERSION
HYDROTHERMAL SYSTEMS
INSOLATION
PHASE CHANGE MATERIALS
RADIANT HEATING
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SPACE HEATING (BUILDINGS)
SUN
SUNLIGHT
TROMBE WALLS

SOLAR HOUSES

RT ∞ BUILDINGS
DOMESTIC ENERGY
ENERGY TECHNOLOGY
HEAT STORAGE
RESIDENTIAL ENERGY
SPACE HEATING (BUILDINGS)
SUN
TROMBE WALLS

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SOLAR INSTRUMENTS

GS **SOLAR INSTRUMENTS**
SPECTROHELIOGRAPHS
RT CELESTOPES
OPTICAL MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
SOLAR OPTICAL TELESCOPE
SPECTROMETERS
SUN
TELESCOPES

SOLAR LASERS

USE SOLAR-PUMPED LASERS

SOLAR LIMB

RT CORONAL LOOPS
LIMB BRIGHTENING
LIMB DARKENING
∞ LIMBS
PLANETARY LIMB
SUN

SOLAR LONGITUDE

GS LONGITUDE
SOLAR LONGITUDE
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SUN

SOLAR MAGNETIC FIELD

UF HELIOMAGNETISM
GS MAGNETIC FIELDS
STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS
SUN

SOLAR MAXIMUM MISSION

GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT ∞ FLARES
FLUX DENSITY
GAMMA RAY SPECTROMETERS
∞ MISSIONS
MULTIMISSION MODULAR SPACECRAFT
POLARIMETERS
PROGRAMS
SOLAR FLARES
SPACE PROGRAMS
SUN
ULTRAVIOLET SPECTROMETERS
ULYSSES MISSION

SOLAR MAXIMUM MISSION-A

UF SMM-A
GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT ∞ MISSIONS
SPACE EXPLORATION
∞ SPACECRAFT
SUN

SOLAR MESOSPHERE EXPLORER

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
SOLAR MESOSPHERE EXPLORER
RT ATMOSPHERIC COMPOSITION
MESOSPHERE
OZONE
SUN

SOLAR NEBULA

USE SOLAR CORONA

SOLAR NEUTRINOS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRINOS
PARTICLES
ELEMENTARY PARTICLES
FERMIONS
LEPTONS
NEUTRINOS
SOLAR NEUTRINOS
RT ASTRONOMICAL MODELS
ASTROPHYSICS
NUCLEAR REACTIONS
STELLAR MODELS
SUN

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SOLAR NOISE

USE SOLAR RADIO EMISSION

SOLAR OBLATENESS

RT OBLATE SPHEROIDS
SUN

SOLAR OBSERVATORIES

GS OBSERVATORIES
SOLAR OBSERVATORIES
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
UNMANNED SPACECRAFT
SOLAR OBSERVATORIES
OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8

RT CORONAGRAPHS
SUN

SOLAR OPTICAL TELESCOPE

UF SOT
GS TELESCOPES
SPACEBORNE TELESCOPES
SOLAR OPTICAL TELESCOPE
RT ASTRONOMICAL TELESCOPES
SOLAR INSTRUMENTS
SOLAR PHYSICS

SOLAR ORBITS

SN (RESTRICTED TO ORBITS AROUND THE
SUN)
UF HELIOCENTRIC ORBITS
PLANETARY MOTION
GS ORBITS
SOLAR ORBITS
PERIHELIONS
RT CIRCULAR ORBITS
∞ EARTH MOTION
ECLIPTIC
ELLIPTICAL ORBITS
HEOS SATELLITES
INTERPLANETARY TRAJECTORIES
∞ MOTION
PROTOPLANETS
SPACECRAFT ORBITS
SUN
TRANSFER ORBITS

SOLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ATMOSPHERIC MODELS
CATACLYSMIC VARIABLES
SOLAR ACTIVITY EFFECTS
SOLAR ATMOSPHERE
STELLAR MODELS
SUN
VARIABLE STARS

SOLAR PARALLAX

GS PARALLAX
SOLAR PARALLAX
RT ASTRONOMY
STELLAR PARALLAX
SUN

SOLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT HELIOSEISMOLOGY
INTERNATIONAL QUIET SUN YEAR
PHOTOSPHERE
∞ PHYSICS
PLASMAS (PHYSICS)
∞ SCIENCE

SOLAR PHYSICS-(CONT.)

SOLAR OPTICAL TELESCOPE
SPARTAN SATELLITES
SUN

SOLAR PLANETARY INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
RT MAGNETIC DISTURBANCES
MAGNETOSPHERE
PLANETARY ATMOSPHERES
PLANETARY MAGNETIC FIELDS
PLASMA INTERACTIONS
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR WIND
SOLAR WIND VELOCITY

SOLAR PLASMA (RADIATION)

USE SOLAR WIND

SOLAR PONDS (HEAT STORAGE)

RT ELECTRIC GENERATORS
ENERGY CONVERSION
PONDS
RESERVOIRS
SUN

SOLAR POSITION

UF SOLAR AZIMUTH
GS POSITION (LOCATION)
SOLAR POSITION
RT ASTROLABES
CELESTIAL NAVIGATION
EQUINOXES
SEASONS
SOLSTICES
SUN
ZENITH

SOLAR POWER GENERATION

USE SOLAR GENERATORS

SOLAR POWER SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SOLAR POWER SATELLITES
RT LARGE SPACE STRUCTURES
POWER TRANSMISSION (LASERS)
SATELLITE POWER TRANSMISSION (TO
EARTH)
SUN

SOLAR POWER SOURCES

USE SOLAR GENERATORS

SOLAR POWERED AIRCRAFT

RT ∞ AIRCRAFT
SOLAR CELLS
SOLAR ELECTRIC PROPULSION
SOLAR PROPULSION
SUN

SOLAR PROBES

GS UNMANNED SPACECRAFT
SPACE PROBES
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
SUNBLAZER SPACE PROBE
RT HELIOS PROJECT
PIONEER SPACE PROBES
SUN
ULYSSES MISSION

SOLAR PROMINENCES

UF FILAMENTS (SOLAR PHYSICS)
GS PROMINENCES
SOLAR PROMINENCES
STELLAR ACTIVITY
SOLAR ACTIVITY
SOLAR PROMINENCES
RT CHROMOSPHERE
SUN

SOLAR PROPULSION

GS PROPULSION
LOW THRUST PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION

SOLAR RADIATION SHIELDING

SOLAR PROPULSION-(CONT.)

SPACECRAFT PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION
RT SOLAR POWERED AIRCRAFT
SUN

SOLAR PROTONS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR PROTONS
IONS
PROTONS
SOLAR PROTONS
PARTICLES
CHARGED PARTICLES
PROTONS
SOLAR PROTONS
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR PROTONS
ELEMENTARY PARTICLES
FERMIONS
PROTONS
SOLAR PROTONS
RT BARYONS
SUN

SOLAR RADAR ECHOES

GS ECHOES
RADAR ECHOES
SOLAR RADAR ECHOES
RT SUN

SOLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
CIRCUMSOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR NEUTRINOS
SOLAR PROTONS
SOLAR COSMIC RAYS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR WIND
SOLAR X-RAYS
SUNLIGHT
RT AEROSPACE ENVIRONMENTS
ALBEDO
ATMOSPHERIC REFRACTION
CIRCUMSOLAR TELESCOPES
CLIMATOLOGY
CLOUD COVER
CORPUSCULAR RADIATION
COSMIC NOISE
COSMIC RAYS
DAYGLOW
ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET RADIATION
GEGENSCHIN
INFRARED RADIATION
INSOLATION
IONIZING RADIATION
IRIS SATELLITES
LIGHT (VISIBLE RADIATION)
LONG WAVE RADIATION
LONGITUDINAL WAVES
∞ RADIATION
RADIATION BELTS
RADIATION PRESSURE
RADIATIVE TRANSFER
RADIO WAVES
RECTENNAS
SKY BRIGHTNESS
SOLAR-PUMPED LASERS
STELLAR RADIATION
SUN
THERMAL RADIATION
ULTRAVIOLET RADIATION
ZODIACAL LIGHT

SOLAR RADIATION SHIELDING

GS PROTECTION
RADIATION PROTECTION
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
SHIELDING
RADIATION SHIELDING

SOLAR RADIATION 1 SATELLITE

SOLAR RADIATION SHIELDING-(CONT) SOLAR RADIATION SHIELDING

RT ∞ RADIATION
SATELLITE TEMPERATURE
SPACECRAFT SHIELDING
SUN

SOLAR RADIATION 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOLAR RADIATION 1 SATELLITE
RT GALACTIC RADIATION
∞ RADIATION
SUN

SOLAR RADIATION 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOLAR RADIATION 3 SATELLITE
RT GALACTIC RADIATION
∞ RADIATION
SUN

SOLAR RADIO BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
DECAY
EMISSION
RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
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EXTRATERRESTRIAL RADIO WAVES
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SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
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SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT SUN

SOLAR RADIO EMISSION

UF SOLAR NOISE
GS SOLAR RADIO WAVES
DECAY

SOLAR RADIO EMISSION-(CONT) EMISSION

RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
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EXTRATERRESTRIAL RADIO WAVES
SOLAR RADIO EMISSION
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TYPE 2 BURSTS
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RADIO EMISSION
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EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
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TYPE 5 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT CORONAL HOLES
COSMIC NOISE
DECIMETER WAVES
ELECTROMAGNETIC NOISE
MILLIMETER WAVES
RADIO BURSTS
SOLAR RADIO WAVES
USE SOLAR RADIO EMISSION
SOLAR RECEIVERS
USE SOLAR COLLECTORS
SOLAR REFLECTORS
GS ACCUMULATORS
SOLAR COLLECTORS
SOLAR REFLECTORS
REFLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
RT FOCUSING
HEAT SHIELDING
HELIOSTATS
MIRRORS
PARABOLIC REFLECTORS
PARABOLOID MIRRORS
RADIANT FLUX DENSITY
SOLAR ATRIUMS
SPACECRAFT RADIATORS
SUN

SOLAR ROTATION

UF CARRINGTON ROTATION
GS GYRATION
ROTATION
STELLAR ROTATION
SOLAR ROTATION
RT SUN
TWENTY-SEVEN DAY VARIATION

SOLAR SAILS

GS SAILS
SOLAR SAILS
RT PROPULSION
SPACE FLIGHT
SPACECRAFT PROPULSION
SUN

SOLAR SEA POWER PLANTS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
THERMOELECTRIC GENERATORS
SOLAR SEA POWER PLANTS
RT ELECTRIC POWER PLANTS
ENERGY CONVERSION

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SOLAR SEA POWER PLANTS-(CONT)

∞ GENERATORS
OCEAN TEMPERATURE
OCEAN THERMAL ENERGY CONVERSION
∞ POWER PLANTS
SOLAR GENERATORS
SUN

SOLAR SEISMOLOGY

USE HELIOSEISMOLOGY

SOLAR SELECTIVE COATINGS

USE SELECTIVE SURFACES

SOLAR SENSORS

UF SUN SENSORS
RT ATTITUDE CONTROL
GUIDANCE SENSORS
IRIS SATELLITES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
STAR TRACKERS
SUN
TRACKING (POSITION)

SOLAR SIMULATION

GS SIMULATION
SOLAR SIMULATION
RT SPACE ENVIRONMENT SIMULATION
SUN
THERMAL SIMULATION

SOLAR SIMULATORS

GS SIMULATORS
ENVIRONMENT SIMULATORS
SOLAR SIMULATORS
RT SPACE SIMULATORS
SUN
TEST FACILITIES

SOLAR SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
CONTINUOUS SPECTRA
CORONAS
D LINES
EMISSION SPECTRA
FRAUNHOFER LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
H LINES
INFRARED SPECTRA
LINE SPECTRA
LYMAN SPECTRA
MOLECULAR SPECTRA
OXYGEN SPECTRA
SUN
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA

SOLAR SPECTROMETERS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
SOLAR SPECTROMETERS
SPECTROMETERS
SOLAR SPECTROMETERS
RT ABSORPTION SPECTRA
EMISSION SPECTRA
FILTER WHEEL INFRARED
SPECTROMETERS
INFRARED SPECTROMETERS
SPECTROHELIOGRAPHS
SUN
ULTRAVIOLET SPECTROMETERS

SOLAR STORMS

GS STELLAR ACTIVITY
SOLAR ACTIVITY
SOLAR STORMS
STORMS
SOLAR STORMS
RT FORBUSH DECREASES
IONOSPHERIC STORMS
MAGNETIC STORMS
NOISE STORMS
SUN

SOLAR STREAMS

USE SOLAR CORPUSCULAR RADIATION

SOLAR SYSTEM

GS CELESTIAL BODIES
SOLAR SYSTEM
 HALLEY'S COMET

RT AMALTHEA
 AMOR ASTEROID
 APOLLO ASTEROIDS
 AREND-ROLAND COMET
 ASTEROID BELTS
 ASTEROID CAPTURE
 ASTEROIDS
 CELESTIAL MECHANICS
 CHARON
 CHIRON
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETS
 EARTH-MOON SYSTEM
 GAS GIANT PLANETS
 GRIGG-SKJELLERUP COMET
 IRAS-ARAKI-ALCOCK COMET
 JUPITER SATELLITES
 KOHOOTEK COMET
 METEORIDS
 NATURAL SATELLITES
 PLANETS
 PROTOPLANETS
 RHEA (ASTRONOMY)
 SATURN RINGS
 SUN
 ∞ SYSTEMS
 TEMPEL 2 COMET
 TERRESTRIAL PLANETS
 TORO ASTEROID
 VENUS SURFACE
 VESTA ASTEROID
 VOYAGER 1977 MISSION
 WEST COMET

SOLAR TEMPERATURE

GS TEMPERATURE
SOLAR TEMPERATURE
 RT SUN

SOLAR TERRESTRIAL INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS

RT CORPUSCULAR RADIATION
 ∞ FLARES
 ∞ INTERACTIONS
 INTERNATIONAL
 GEOSPHERE-BIOSPHERE PROGRAM
 MAGNETIC DISTURBANCES
 MAGNETIC STORMS
 MAGNETOSPHERE
 STORMS
 SUN
 SUNSPOTS
 WEATHER

SOLAR THERMAL ELECTRIC POWER PLANTS

GS ELECTRIC POWER PLANTS
SOLAR THERMAL ELECTRIC POWER PLANTS

RT ∞ POWER PLANTS
 SOLAR ENERGY
 THERMAL ENERGY

SOLAR THERMAL PROPULSION

GS PROPULSION
 LOW THRUST PROPULSION
 SOLAR PROPULSION
SOLAR THERMAL PROPULSION
 SPACECRAFT PROPULSION
 SOLAR PROPULSION
SOLAR THERMAL PROPULSION

RT PROPULSION SYSTEM PERFORMANCE
 SOLAR ELECTRIC PROPULSION
 SUN

SOLAR TOTAL ENERGY SYSTEMS

GS ENERGY CONVERSION
 SOLAR ENERGY CONVERSION
SOLAR TOTAL ENERGY SYSTEMS
 TOTAL ENERGY SYSTEMS
SOLAR TOTAL ENERGY SYSTEMS

RT ∞ CONVERSION
 DIRECT POWER GENERATORS
 ∞ ENERGY
 SUN
 ∞ SYSTEMS

SOLAR VELOCITY

GS RATES (PER TIME)
SOLAR VELOCITY
 VELOCITY
SOLAR VELOCITY
 RT SUN

SOLAR WIND

UF SOLAR PLASMA (RADIATION)
 GS EXTRATERRESTRIAL RADIATION
 SOLAR RADIATION
SOLAR WIND
 GASES
 IONIZED GASES
 CHARGED PARTICLES
SOLAR WIND
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
SOLAR WIND

RT AMPTE (SATELLITES)
 CHAPMAN-FERRARO PROBLEM
 COMET TAILS
 CORONAL HOLES
 COSMIC PLASMA
 GALACTIC COSMIC RAYS
 GRIGG-SKJELLERUP COMET
 HELIOSPHERE
 HYDROGEN PLASMA
 INTERPLANETARY GAS
 INTERPLANETARY MEDIUM
 M REGION
 MAGNETOPAUSE
 PLASMAPAUSE
 PLASMAS (PHYSICS)
 ∞ RADIATION
 RADIATION PRESSURE
 SOLAR PLANETARY INTERACTIONS
 SPACE PLASMAS
 STELLAR WINDS
 SUN

SOLAR WIND VELOCITY

GS RATES (PER TIME)
 FLOW VELOCITY
SOLAR WIND VELOCITY
 WIND VELOCITY
SOLAR WIND VELOCITY
 VELOCITY
 FLOW VELOCITY
SOLAR WIND VELOCITY
 WIND VELOCITY
SOLAR WIND VELOCITY

RT ALPHA PARTICLES
 MAGNETIC DISTURBANCES
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOSPHERE
 SOLAR PLANETARY INTERACTIONS
 STELLAR WINDS
 SUN
 VELOCITY MEASUREMENT

SOLAR X-RAYS

GS ELECTROMAGNETIC RADIATION
 X RAYS
SOLAR X-RAYS
 EXTRATERRESTRIAL RADIATION
 SOLAR RADIATION
SOLAR X-RAYS
 IONIZING RADIATION
 X RAYS
SOLAR X-RAYS

RT CORONAL HOLES
 SUN

SOLAR-PUMPED LASERS

UF SOLAR LASERS
 GS STIMULATED EMISSION DEVICES
 LASERS
SOLAR-PUMPED LASERS
 LASER PUMPING
 OPTICAL PUMPING
 SOLAR ENERGY CONVERSION
 SOLAR RADIATION

SOLDERED JOINTS

GS JOINTS (JUNCTIONS)
 METAL JOINTS
SOLDERED JOINTS

RT BEAM LEADS
 BUTT JOINTS
 LAP JOINTS
 SOLDERING

SOLDERING

GS **SOLDERING**
 ∞ ULTRASONIC SOLDERING

RT BONDING
 BRAZING
 FLUXES
 ∞ JOINING
 LASER WELDING
 LOW TEMPERATURE BRAZING
 METAL BONDING
 METAL-METAL BONDING
 SEALING
 SOLDERED JOINTS
 SOLDERS
 WELDING

SOLDERS

GS ALLOYS
SOLDERS

RT LEAD ALLOYS
 SEALERS
 SOLDERING
 TIN ALLOYS
 ZINC ALLOYS

SOLENOID VALVES

GS VALVES
SOLENOID VALVES

RT AUTOMATIC CONTROL VALVES
 ELECTRIC CONTROL
 ∞ ELECTRIC EQUIPMENT
 ELECTRIC RELAYS
 ELECTRIC SWITCHES
 HYDRAULIC CONTROL
 OFF-ON CONTROL
 SOLENOIDS

SOLENOIDS

SN (EXCLUDES METEOROLOGICAL
 SOLENOIDS)

RT ACTUATORS
 ELECTRIC RELAYS
 ELECTROMAGNETS
 MAGNET COILS
 SOLENOID VALVES
 TOROIDAL PLASMAS

SOLETTAS

GS MIRRORS
SOLETTAS

RT ∞ PLATFORMS
 SATELLITES
 SOLAR ENERGY
 ∞ SPACECRAFT

SOLID ARGON

USE SOLIDIFIED GASES

SOLID CRYOGEN COOLING

GS COOLING
SOLID CRYOGEN COOLING

RT CRYOGENIC FLUIDS
 CRYOGENICS
 LIQUEFIED GASES

SOLID CRYOGENS

GS GASES
 SOLIDIFIED GASES
SOLID CRYOGENS
 SOLIDS
 SOLIDIFIED GASES
SOLID CRYOGENS

RT COOLING SYSTEMS
 CRYOGENIC EQUIPMENT
 CRYOGENICS
 LIQUID NITROGEN
 SOLID CRYOGENS
 SOLID NITROGEN

SOLID ELECTRODES

GS ELECTRODES
SOLID ELECTRODES

SOLID ELECTROLYTES

GS CONDUCTORS
 ELECTROLYTES
SOLID ELECTROLYTES

SOLID LUBRICANTS

SN (EXCLUDES SEMISOLIDS SUCH AS
 GREASES)

GS LUBRICANTS
SOLID LUBRICANTS
 BINDERS (MATERIALS)

SOLID MECHANICS

SOLID LUBRICANTS-(CONT)

GAS LUBRICANTS
GRAPHITE
SELF LUBRICATING MATERIALS

SOLID MECHANICS

RT CONTINUUM MECHANICS
FINITE ELEMENT METHOD
MECHANICAL PROPERTIES
∞ MECHANICS (PHYSICS)
∞ SCIENCE
SOLIDS
STRUCTURAL ANALYSIS

SOLID NITROGEN

GS CHEMICAL ELEMENTS
NITROGEN
SOLID NITROGEN
RT CRYOGENICS
REFRIGERANTS
SOLID CRYOGENS

SOLID PHASES

RT EUTECTICS
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
LIQUID PHASES
LIQUID-SOLID INTERFACES
LIQUIDUS
METALLIC HYDROGEN
PHASE DIAGRAMS
∞ PHASES
SOLIDIFIED GASES
SOLIDUS
SYNTECTIC ALLOYS

SOLID PROPELLANT COMBUSTION

GS COMBUSTION
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION
RT BURNING RATE
COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HEAT GENERATION
METAL COMBUSTION
PROPELLANT CHEMISTRY

SOLID PROPELLANT IGNITION

GS COMBUSTION
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION
IGNITION
SOLID PROPELLANT IGNITION
RT HYBRID PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
IGNITERS
IGNITION TEMPERATURE
INHIBITORS
METAL COMBUSTION
PYROPHORIC MATERIALS
SQUIBS

SOLID PROPELLANT ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
ALGOL ENGINE
APOGEE BOOST MOTORS
ASROC ENGINE
HERCULES ENGINE
M-46 ENGINE
M-55 ENGINE
M-56 ENGINE
M-57 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE
SL-3 ROCKET ENGINE
SYNCOM APOGEE ENGINES
TU-121 ENGINE
TX-77 ENGINE
TX-354 ENGINE
X-248 ENGINE
X-254 ENGINE
X-258 ENGINES
X-258-B1 ENGINE
X-259 ENGINE
XM-33 ENGINE
RT AIR SLEW MISSILES
ANTARES ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARGO ROCKET VEHICLES

SOLID PROPELLANT ROCKET ENGINES-(CONT)

ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
ATHENA ROCKET VEHICLE
BE-3 ENGINE
BERENICE ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING ROCKET
BLACK BRANT 2 SOUNDING ROCKET
BLACK BRANT 3 SOUNDING ROCKET
BLACK BRANT 4 SOUNDING ROCKET
BLACK BRANT 5 SOUNDING ROCKET
BLUE GOOSE MISSILE
BLUE SCOUT ROCKET VEHICLE
BOMARC A MISSILE
BOMARC B MISSILE
BOOSTER ROCKET ENGINES
BURNING RATE
BURNOUT
CAJUN ROCKET VEHICLE
DIAMANT LAUNCH VEHICLE
DUCTED ROCKET ENGINES
EXOS SOUNDING ROCKET
FALCON MISSILE
FOLDING FIN AIRCRAFT ROCKET VEHICLE
GENIE ROCKET VEHICLE
HAWK MISSILE
HONEST JOHN ROCKET VEHICLE
HYBRID PROPELLANT ROCKET ENGINES
INTEGRAL ROCKET RAMJETS
INTERNAL COMBUSTION ENGINES
JAGUAR ROCKET VEHICLE
JATO ENGINES
JAVELIN ROCKET VEHICLE
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
LITTLE JOE 2 LAUNCH VEHICLE
LITTLE JOHN ROCKET VEHICLE
LOKI ROCKET VEHICLE
MACE MISSILES
MATRA MISSILE
MAULER MISSILE
METEOR 1 ROCKET VEHICLE
MINUTEMAN ICBM
NIKE-AJAX MISSILE
NIKE-APACHE ROCKET VEHICLE
NIKE-CAJUN ROCKET VEHICLE
NIKE-HERCULES MISSILE
NIKE-JAVELIN ROCKET VEHICLE
NIKE-TOMAHAWK ROCKET VEHICLE
NIKE-ZEUS MISSILE
PERSHING MISSILE
PHOENIX SOUNDING ROCKET
POLARIS MISSILES
RAM B LAUNCH VEHICLE
REDEYE MISSILE
REGULUS MISSILE
RESTARTABLE ROCKET ENGINES
RETROCKET ENGINES
RUBIS ROCKET VEHICLE
SCOUT LAUNCH VEHICLE
SERGEANT MISSILES
SHRIKE MISSILE
SKUA ROCKET VEHICLES
SKYBOLT MISSILE
SKYLARK ROCKET VEHICLE
SPACE SHUTTLE UPPER STAGE D
SPARROW MISSILES
SPARROW 2 MISSILE
SPRINT MISSILE
SS-11 MISSILE
SUNBLAZER SPACE PROBE
SUSTAINER ROCKET ENGINES
TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
THOR ABLE ROCKET VEHICLE
THOR DELTA LAUNCH VEHICLE
THOR LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
ULLAGE ROCKET ENGINES
VANGUARD 2 LAUNCH VEHICLE
VERNIER ENGINES
WASP SOUNDING ROCKET
X-17 REENTRY VEHICLE
ZUNI ROCKET VEHICLE

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SOLID PROPELLANTS

GS PROPELLANTS
SOLID PROPELLANTS
CASE BONDED PROPELLANTS
COMPOSITE PROPELLANTS
NITRAMINE PROPELLANTS
PLASTIC PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
HTPB PROPELLANTS
METAL PROPELLANTS
RT AIRCRAFT FUELS
CHEMICAL FUELS
COLLOIDAL PROPELLANTS
GELLED PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
HYBRID PROPELLANTS
INHIBITORS
METAL FUELS
NITROGUANIDINE
PLASTICIZERS
PROPELLANT BINDERS
PROPELLANT GRAINS
RDX
ROCKET PROPELLANTS
STORABLE PROPELLANTS

SOLID ROCKET BINDERS

GS ADDITIVES
PROPELLANT ADDITIVES
PROPELLANT BINDERS
SOLID ROCKET BINDERS
BINDERS (MATERIALS)
PROPELLANT BINDERS
SOLID ROCKET BINDERS
RT PLASTICIZERS

SOLID ROCKET PROPELLANTS

GS FUELS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
METAL PROPELLANTS
PROPELLANTS
ROCKET PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
HTPB PROPELLANTS
METAL PROPELLANTS
RT AMMONIUM PERCHLORATES
BURNING RATE
CASE BONDED PROPELLANTS
COMPOSITE PROPELLANTS
DOMINO PROPELLANTS
GELLED ROCKET PROPELLANTS
HYBRID PROPELLANTS
LIQUID ROCKET PROPELLANTS
MONOPROPELLANTS
POTASSIUM PERCHLORATES
PROPELLANT GRAINS
RDX
ROCKET ENGINES
SLURRY PROPELLANTS

SOLID ROTATION

USE ROTATING BODIES

SOLID SOLUTIONS

GS MIXTURES
SOLUTIONS
SOLID SOLUTIONS
RT AGING (METALLURGY)
ALLOYS
LIQUID PHASES
LIQUIDUS
MELTING POINTS
ORDER-DISORDER TRANSFORMATIONS
PHASE DIAGRAMS
PRECIPITATION HARDENING
SOLIDS
SUPERSATURATION
TERNARY SYSTEMS

SOLID STATE

RT CRYSTALLIZATION
ENERGY GAPS (SOLID STATE)
MELTING POINTS
METALLIC HYDROGEN

SOLID STATE-(CONT)
SOLIDS**SOLID STATE DEVICES**

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
 CRYOTRONS
 CRYSTAL RECTIFIERS
 METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 MULTISPECTRAL LINEAR ARRAYS
 SEMICONDUCTOR DEVICES
 AVALANCHE DIODES
 CRYOSAR
 BARRITT DIODES
 GERMANIUM DIODES
 HETEROJUNCTION DEVICES
 HIGH ELECTRON MOBILITY TRANSISTORS
 JUNCTION DIODES
 MIM DIODES
 STEP RECOVERY DIODES
 LIGHT EMITTING DIODES
 METAL OXIDE SEMICONDUCTORS
 CHARGE TRANSFER DEVICES
 BUCKET BRIGADE DEVICES
 CHARGE COUPLED DEVICES
 CHARGE INJECTION DEVICES
 CMOS
 SOS (SEMICONDUCTORS)
 MIM (SEMICONDUCTORS)
 MIS (SEMICONDUCTORS)
 NDM SEMICONDUCTOR DEVICES
 NEURISTORS
 PARAMETRIC DIODES
 PHOTODIODES
 PHOTOVOLTAIC CELLS
 SCHOTTKY DIODES
 SEMICONDUCTOR LASERS
 GALLIUM ARSENIDE LASERS
 THERMISTORS
 THYRISTORS
 SILICON CONTROLLED RECTIFIERS
 TRANSFERRED ELECTRON DEVICES
 TRANSISTOR AMPLIFIERS
 TRANSISTORS
 BIPOLAR TRANSISTORS
 FIELD EFFECT TRANSISTORS
 CHARGE FLOW DEVICES
 JFET
 HIGH ELECTRON MOBILITY TRANSISTORS
 JUNCTION TRANSISTORS
 JFET
 PHOTOTRANSISTORS
 SILICON TRANSISTORS
 SOS (SEMICONDUCTORS)
 TRAPATT DEVICES
 VARACTOR DIODES
 VARISTORS
 SIS (SEMICONDUCTORS)
 SOLID STATE LASERS
 GALLIUM ARSENIDE LASERS
 RUBY LASERS
 YAG LASERS
 RT AMPLIFIERS
 BUBBLE TECHNIQUE
 CAPACITORS
 CIRCUITS
 ∞ DEVICES
 ELECTRIC BRIDGES
 LASER CAVITIES
 LASERS
 MINIATURE ELECTRONIC EQUIPMENT
 OSCILLATORS
 PHOTOMASKS
 RECTIFIERS
 RESISTORS
 SIGNAL GENERATORS
 SUPERCONDUCTORS
 THIN FILMS
 TRANSFORMERS
 WAFERS

SOLID STATE LASERS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SOLID STATE LASERS
 GALLIUM ARSENIDE LASERS
 RUBY LASERS
 YAG LASERS
 STIMULATED EMISSION DEVICES
 LASERS
SOLID STATE LASERS

SOLID STATE LASERS-(CONT)

GALLIUM ARSENIDE LASERS
 RUBY LASERS
 YAG LASERS
 RT CONTINUOUS WAVE LASERS
 DISTRIBUTED FEEDBACK LASERS
 INFRARED LASERS
 LASER CAVITIES
 Q SWITCHED LASERS
 SEMICONDUCTOR LASERS
 ∞ **SOLID STATE PHYSICS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CRYSTALLOGRAPHY
 ELECTRICAL PROPERTIES
 ELECTRON MOBILITY
 ENERGY GAPS (SOLID STATE)
 FORBIDDEN TRANSITIONS
 HOLE MOBILITY
 MAGNETIC PROPERTIES
 OPTICAL PROPERTIES
 ∞ PHYSICS
 ∞ SCIENCE
 SEMICONDUCTORS (MATERIALS)
 SUPERCONDUCTIVITY
 THEORETICAL PHYSICS
 THIN FILMS
 TRANSPORT PROPERTIES

SOLID SURFACES

GS **SOLID SURFACES**
 CRYSTAL SURFACES
 RT LIQUID SURFACES
 METAL SURFACES
 SURFACE CRACKS
 SURFACE FINISHING
 SURFACE PROPERTIES
 ∞ SURFACES

SOLID SUSPENSIONS

GS MIXTURES
SOLID SUSPENSIONS
 RT COLLOIDAL PROPELLANTS
 COMPOSITE MATERIALS
 METALLOGRAPHY
 PHASE DIAGRAMS
 ∞ SUSPENSIONS

SOLID WASTES

GS WASTES
 SEWAGE
SOLID WASTES
 RT COMPOSTING
 GARBAGE
 HUMAN WASTES
 INDUSTRIAL WASTES
 LANDFILLS
 LIQUID WASTES
 METABOLIC WASTES
 POLLUTION
 RADIOACTIVE WASTES
 RESIDUES
 SLUDGE
 WASTE DISPOSAL
 WASTE ENERGY UTILIZATION
 WASTE UTILIZATION

SOLID-SOLID INTERFACES

GS INTERFACES
SOLID-SOLID INTERFACES
 RT GAS-SOLID INTERFACES
 LIQUID-SOLID INTERFACES
 SURFACE PROPERTIES

SOLIDIFICATION

GS **SOLIDIFICATION**
 MELT SPINNING
 RT CASTING
 CASTINGS
 COAGULATION
 CRYSTALLIZATION
 FREEZING
 GELATION
 INGOTS
 MELTING POINTS
 MUSHY ZONES
 OCCLUSION
 PHASE TRANSFORMATIONS
 RHEOCASTING
 ∞ SETTING
 SOLIDIFIED GASES
 TRANSITION TEMPERATURE
 VITRIFICATION

SOLIDIFIED GASES

UF SOLID ARGON
 GS GASES
SOLIDIFIED GASES
 SOLID CRYOGENS
 SOLIDS
SOLIDIFIED GASES
 SOLID CRYOGENS
 RT CRYOGENICS
 FREEZING
 LOW TEMPERATURE PHYSICS
 MELTING POINTS
 METALLIC HYDROGEN
 SOLID PHASES
 SOLIDIFICATION
 ULTRALOW TEMPERATURES

SOLIDS

GS **SOLIDS**
 SOLIDIFIED GASES
 SOLID CRYOGENS
 THREE DIMENSIONAL BODIES
 RT ∞ BODIES
 ∞ FLUIDS
 ∞ MATERIALS
 METALLIC HYDROGEN
 ORGANIC SOLIDS
 PHASE TRANSFORMATIONS
 SOLID MECHANICS
 SOLID SOLUTIONS
 SOLID STATE
 THERMOCHROMATIC MATERIALS
 VAPOR PHASES

SOLIDS FLOW

GS FLUID FLOW
SOLIDS FLOW
 RT ∞ FLOW
 FLOW MEASUREMENT
 FLOW THEORY
 MASS FLOW
 MULTIPHASE FLOW
 PARTICLE SIZE DISTRIBUTION
 STEADY FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

SOLIDUS

RT BINARY SYSTEMS (MATERIALS)
 LIQUID PHASES
 LIQUIDUS
 SOLID PHASES

SOLIONS

RT CIRCUITS
 DIODES
 INTEGRATORS
 ION CURRENTS

SOLITARY WAVES

UF SOLITONS
 GS TRAVELING WAVES
SOLITARY WAVES
 RT BACKWARD WAVES
 CNOIDAL WAVES
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 PLANE WAVES
 PULSES
 RADIO WAVES
 RATES (PER TIME)
 VELOCITY

SOLITHANES

RT ELASTOMERS
 ∞ POLYMERS
 SYNTHETIC RUBBERS

SOLITONS

USE SOLITARY WAVES

SOLOMON COMPUTERS

GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 DIGITAL COMPUTERS
SOLOMON COMPUTERS

SOLRAD 10 SATELLITE

USE EXPLORER 44 SATELLITE

SOLSTICES

RT EQUINOXES
 SEASONS

SOLUBILITY

SOLSTICES-(CONT)

SOLAR POSITION
SUMMER
WINTER

SOLUBILITY

UF IMMISCIBILITY
MISCIBILITY
RT CLARITY
CONCENTRATION (COMPOSITION)
DIFFUSIVITY
DISSOLVED GASES
DISSOLVING
GAS-SOLID INTERFACES
HENRY LAW
HYGROSCOPICITY
INCOMPATIBILITY
LIQUID PHASES
LIQUID-GAS MIXTURES
LIQUID-LIQUID INTERFACES
LIQUID-VAPOR INTERFACES
MIXTURES
PHASE DIAGRAMS
PRECIPITATION (CHEMISTRY)
SOLUTIONS
SUPERCRITICAL FLUIDS
THERMODYNAMIC PROPERTIES
THIXOTROPY
TURBIDITY
VISCOSITY

SOLUTES

RT DISSOLVING
SOLUTIONS

∞ SOLUTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DISSOLVING
PROBLEM SOLVING
SOLUTIONS

SOLUTIONS

GS MIXTURES
SOLUTIONS
AQUEOUS SOLUTIONS
GAS MIXTURES
DETONABLE GAS MIXTURES
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
SOLID SOLUTIONS
RT AZEOTROPES
COMPOSITION (PROPERTY)
DISSOLVED GASES
EMULSIONS
EUTECTICS
HENRY LAW
RAOULT LAW
SOLUBILITY
SOLUTES
∞ SOLUTION
SOLVENTS
TITRATION

SOLVATION

RT AQUEOUS SOLUTIONS
CHEMICAL REACTIONS
REACTION KINETICS
SOLVENTS

SOLVENT EXTRACTION

GS EXTRACTION
SOLVENT EXTRACTION
RT ION EXTRACTION
PURIFICATION
∞ SEPARATION

SOLVENT REFINED COAL

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
SOLVENT REFINED COAL
ROCKS
COAL
SOLVENT REFINED COAL
RT BENZENE
BITUMENS
CARBONACEOUS MATERIALS
COAL LIQUEFACTION
COAL UTILIZATION
FRACTIONATION
FUEL OILS
GASOLINE

SOLVENT REFINED COAL-(CONT)

HYDROCARBON FUEL PRODUCTION
METHANE
PRODUCT DEVELOPMENT

SOLVENT RETENTION

RT DISSOLVING
SOLVENTS

SOLVENTS

UF THINNERS
GS SOLVENTS
TETRAHYDROFURAN
TURPENTINE
RT ADDITIVES
COATINGS
DILUENTS
DISSOLVING
EXTRACTION
FURANS
SOLUTIONS
SOLVATION
SOLVENT RETENTION
SOLVOLYSIS
TOLUENE
TRIACETIN

SOLVOLYSIS

GS RECLAMATION
MATERIALS RECOVERY
SOLVOLYSIS
RT RECYCLING
SOLVENTS

SOMALIA

GS NATIONS
SOMALIA
RT AFRICA

SOMMERFELD APPROXIMATION

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
SOMMERFELD APPROXIMATION
RT ANTENNA RADIATION PATTERNS
DIRECTIONAL ANTENNAS
ELECTROMAGNETIC FIELDS
RADIO TRANSMISSION

SOMMERFELD WAVES

GS ELECTROMAGNETIC RADIATION
SOMMERFELD WAVES
SURFACE WAVES
SOMMERFELD WAVES
RT DIELECTRIC PROPERTIES
ELECTRIC CONDUCTORS

SONAR

GS SONAR
SONOBUOYS
RT DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
ECHO SUPPRESSORS
HYDROPHONES
LOFAR
NAVIGATION AIDS
SOUND LOCALIZATION
SOUND RANGING
ULTRASONIC WAVE TRANSDUCERS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SONDES

UF METEOROLOGICAL PROBES
GS MEASURING INSTRUMENTS
SONDES
DROPSONDES
JUDI-DART ROCKET
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RT APACHE ROCKET VEHICLE
ASP ROCKET VEHICLE
CAJUN ROCKET VEHICLE
∞ PROBES
SOUNDING
SOUNDING ROCKETS

SONIC ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
SONIC ANEMOMETERS

NASA THESAURUS (VOLUME 1)

SONIC ANEMOMETERS-(CONT)

DISPLAY DEVICES
SPEED INDICATORS
ANEMOMETERS
SONIC ANEMOMETERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
SONIC ANEMOMETERS
RT ACOUSTICS
FLOWMETERS
HOT-FILM ANEMOMETERS

SONIC BOOMS

GS ELASTIC WAVES
SHOCK WAVES
SONIC BOOMS
SOUND WAVES
NOISE (SOUND)
AIRCRAFT NOISE
SONIC BOOMS
RT ACOUSTIC VELOCITY
AERODYNAMIC NOISE
∞ BOOM
CAUSTIC LINES
JET AIRCRAFT NOISE
SUPERSONIC FLIGHT
TRANSONIC FLIGHT

SONIC FATIGUE

USE ACOUSTIC FATIGUE

SONIC FLOW

USE TRANSONIC FLOW

SONIC NOZZLES

RT ACOUSTIC NOZZLES
CONICAL NOZZLES
∞ NOZZLES
SUPERSONIC NOZZLES
TRANSONIC FLOW
TRANSONIC NOZZLES

SONIC SOLDERING

USE ULTRASONIC SOLDERING

SONIC SPEED

USE ACOUSTIC VELOCITY

SONIC WAVEGUIDES

USE ACOUSTIC DELAY LINES

SONOBUOYS

GS RADIO EQUIPMENT
RADIO TRANSMITTERS
SONOBUOYS
SONAR
SONOBUOYS
TRANSMITTERS
RADIO TRANSMITTERS
SONOBUOYS
RT ANTISUBMARINE WARFARE
HYDROPHONES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SONOGRAMS

RT RECORDING INSTRUMENTS
SOUND WAVES
WHISTLER RECORDERS
WHISTLERS

SONOHOLOGRAPHY

USE ACOUSTICAL HOLOGRAPHY

SONOLUMINESCENCE

GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
SONOLUMINESCENCE

SOOT

GS PARTICLES
SOOT
RT AIR POLLUTION
CARBON
COMBUSTION PRODUCTS
FIRE DAMAGE
SMOKE
SMOKE ABATEMENT

SORBATES

RT SORBENTS
SORPTION

SORBENTS

GS SORBENTS
ABSORBENTS
ADSORBENTS
RT SORBATES
SORPTION

SORET COEFFICIENT

GS COEFFICIENTS
DIFFUSION COEFFICIENT
SORET COEFFICIENT
TRANSPORT PROPERTIES
DIFFUSION COEFFICIENT
SORET COEFFICIENT
RT COEFFICIENTS
LIQUID FLOW
THERMAL DIFFUSION

SORGHUM

GS FARM CROPS
GRAINS (FOOD)
SORGHUM
PLANTS (BOTANY)
GRASSES
SORGHUM
RT AGRICULTURE
CROP IDENTIFICATION
∞ CROPS
EARTH RESOURCES

SORPTION

UF CRYOSORPTION
GS SORPTION
ADSORPTION
CHEMISORPTION
RT ∞ ABSORPTION
CHROMATOGRAPHY
CONCENTRATING
EXTRACTION
GAS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY
MATERIAL ABSORPTION
PERMEATING
∞ SEPARATION
SORBATES
SORBENTS
SURFACE PROPERTIES

SORTIE CAN

USE SORTIE SYSTEMS

SORTIE LAB

USE SORTIE SYSTEMS

SORTIE SYSTEMS

UF SORTIE CAN
SORTIE LAB
GS PAYLOADS
SORTIE SYSTEMS
RT SPACE LABORATORIES
SPACE SHUTTLE PAYLOADS
SPACE SHUTTLES
SPACE STATIONS
SPACELAB PAYLOADS

SORTING

USE CLASSIFYING

SOS (SEMICONDUCTORS)

UF SILICON-ON-SAPPHIRE JUNCTIONS
SILICON-ON-SAPPHIRE
SEMICONDUCTORS
SILICON-ON-SAPPHIRE TRANSISTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
SOS (SEMICONDUCTORS)
TRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
SEMICONDUCTORS (MATERIALS)
METAL OXIDE SEMICONDUCTORS
SOS (SEMICONDUCTORS)
RT SIS (SEMICONDUCTORS)

SOT

USE SOLAR OPTICAL TELESCOPE

SOUND

USE ACOUSTICS

SOUND ABSORPTION

USE SOUND TRANSMISSION

SOUND AMPLIFICATION

GS AMPLIFICATION
SOUND AMPLIFICATION
RT ACOUSTIC ATTENUATION
ACOUSTIC EXCITATION
ACOUSTICS

SOUND BARRIER

USE ACOUSTIC VELOCITY

SOUND DETECTING AND RANGING

RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SODAR
TEMPERATURE MEASUREMENT

SOUND DETECTORS

USE SOUND TRANSDUCERS

SOUND FIELDS

RT ACOUSTICS
FIELD THEORY (PHYSICS)
MICROSONICS

SOUND FIXING AND RANGING

UF SFAR
SOFAR
RT SOUND RANGING
SOUND TRANSMISSION
UNDERWATER ACOUSTICS

SOUND GENERATORS

UF ACOUSTIC GENERATORS
RT ACOUSTIC NOZZLES
AUDIO FREQUENCIES
AUDITORY STIMULI
BELLS
CONTINUOUS NOISE
∞ GENERATORS
HORNS
LOUDSPEAKERS
NOISE GENERATORS
RADIATION SOURCES
SIGNAL GENERATORS
∞ SIGNALS
SIRENS
WARNING SYSTEMS

SOUND HOLOGRAPHY

USE ACOUSTICAL HOLOGRAPHY

SOUND INTENSITY

GS ACOUSTIC PROPERTIES
SOUND INTENSITY
ZERO SOUND
RATES (PER TIME)
FLUX DENSITY
SOUND INTENSITY
ZERO SOUND
RT AUDITORY STIMULI
BIOACOUSTICS
EFFECTIVE PERCEIVED NOISE LEVELS
LOUDNESS
NOISE INTENSITY
NOISE MEASUREMENT
RADIANT FLUX DENSITY
SIGNAL FADING
SIGNAL FADING RATE
SIRENS

SOUND LOCALIZATION

GS PERCEPTION
SOUND LOCALIZATION
RT AUDITORY PERCEPTION
BEARING (DIRECTION)
BINAURAL HEARING
DETECTION
ECHO SOUNDING
∞ ORIENTATION
POSITION INDICATORS
RANGE FINDERS
SONAR
SPACE PERCEPTION
TRACKING (POSITION)

SOUND MEASUREMENT

USE ACOUSTIC MEASUREMENT

SOUND PERCEPTION

USE AUDITORY PERCEPTION

SOUND PRESSURE

GS PRESSURE
RADIATION PRESSURE
SOUND PRESSURE
RT ACOUSTIC MEASUREMENT
ACOUSTIC VELOCITY
EXPLOSIONS
FLUX DENSITY
LOUDNESS
NOISE (SOUND)
SHOCK WAVES
STATIC PRESSURE

SOUND PROPAGATION

GS SOUND PROPAGATION
VOICE
RT ACOUSTIC PROPAGATION
ACOUSTICS
ATTENUATION
∞ CONDUCTION
DIFFUSION
NOISE GENERATORS
NOISE PROPAGATION
SHOCK WAVE PROPAGATION

SOUND RANGING

GS RANGEFINDING
SOUND RANGING
RT DETECTION
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
POSITION (LOCATION)
SONAR
SOUND FIXING AND RANGING
TARGET ACQUISITION
TRACKING (POSITION)

SOUND TRANSDUCERS

UF SOUND DETECTORS
GS TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
HYDROPHONES
LOUDSPEAKERS
MICROPHONES
RT ∞ RADIATORS
SIGNAL DETECTION
SIGNAL DETECTORS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SOUND TRANSMISSION

UF SOUND ABSORPTION
GS TRANSMISSION
SOUND TRANSMISSION
RT ∞ ABSORPTION
ACOUSTICS
ATTENUATION
AUDIO FREQUENCIES
∞ CONDUCTION
EARPHONES
ELASTIC WAVES
ENERGY ABSORPTION
MONAURAL SIGNALS
MULTIPATH TRANSMISSION
∞ PATHS
SIGNAL TRANSMISSION
SIRENS
SOUND FIXING AND RANGING
TELEPHONY
THERMOCLINES
WAVE PROPAGATION

SOUND VELOCITY

USE ACOUSTIC VELOCITY

SOUND WAVES

SN (ELASTIC WAVES IN THE AUDIBLE RANGE)
UF ACOUSTIC RADIATION
ACOUSTIC VIBRATIONS
GS ELASTIC WAVES
SOUND WAVES
ELECTROACOUSTIC WAVES
ION ACOUSTIC WAVES
LAMB WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
AIRCRAFT NOISE

SOUND-SOUND INTERACTIONS

SOUND WAVES-(CONT)

JET AIRCRAFT NOISE
SONIC BOOMS
ENGINE NOISE
ROCKET ENGINE NOISE
THERMAL NOISE
RT ACOUSTIC MEASUREMENT
ACOUSTIC PROPERTIES
ACOUSTIC STREAMING
ACOUSTICAL HOLOGRAPHY
ACOUSTICS
AEOLIAN TONES
AUDIO FREQUENCIES
AUDITORY PERCEPTION
∞ BLASTS
DEEP SCATTERING LAYERS
DETONATION WAVES
DIFFUSION
LONGITUDINAL WAVES
LOUDNESS
MACH CONES
MAGNETOELASTIC WAVES
MICROSONICS
NOISE POLLUTION
NOISE PREDICTION (AIRCRAFT)
PHONONS
PLANE WAVES
POLARIZED ELASTIC WAVES
∞ RADIATION
REVERBERATION
SHOCK WAVES
SONOGRAMS
SURFACE ACOUSTIC WAVE DEVICES
ULTRASONIC RADIATION
∞ WAVES

SOUND-SOUND INTERACTIONS

RT HARMONICS
∞ INTERACTIONS
INTERMODULATION
WAVE DISPERSION

SOUNDERS

USE SOUNDING

SOUNDING

UF SOUNDERS
GS SOUNDING
ACOUSTIC SOUNDING
ATMOSPHERIC SOUNDING
BALLOON SOUNDING
ECHO SOUNDING
IONOSPHERIC SOUNDING
MICROWAVE SOUNDING
ROCKET SOUNDING
SATELLITE SOUNDING
RT BATHYMETERS
DEPTH MEASUREMENT
∞ MEASUREMENT
METEOROLOGICAL BALLOONS
METEOROLOGICAL FLIGHT
ROBIN BALLOONS
SONDES

SOUNDING ROCKETS

UF METEOROLOGICAL ROCKETS
ROCKET SONDES
GS ROCKET VEHICLES
SOUNDING ROCKETS
AEROBEE ROCKET VEHICLE
ANTARES ROCKET VEHICLE
APACHE ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARIES SOUNDING ROCKET
ASP ROCKET VEHICLE
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING
ROCKET
BLACK BRANT 2 SOUNDING
ROCKET
BLACK BRANT 3 SOUNDING
ROCKET
BLACK BRANT 4 SOUNDING
ROCKET
BLACK BRANT 5 SOUNDING
ROCKET
CAJUN ROCKET VEHICLE
DORNIER PARAGLIDER ROCKET
VEHICLE
EXOS SOUNDING ROCKET
JAGUAR ROCKET VEHICLE
JUDI-DART ROCKET
KAPPA ROCKET VEHICLES

SOUNDING ROCKETS-(CONT)

KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LOKI ROCKET VEHICLE
PETREL SOUNDING ROCKET
PHOENIX SOUNDING ROCKET
SKUA ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
VENUS FLY TRAP ROCKET VEHICLE
VERONIQUE ROCKET VEHICLES
VERTICAL 8 ROCKET
WASP SOUNDING ROCKET
RT ACOUSTIC SOUNDING
ARGO ROCKET VEHICLES
IONOSONDES
JAVELIN ROCKET VEHICLE
METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL SATELLITES
NIKE-JAVELIN ROCKET VEHICLE
PAYLOAD CONTROL
RADIOSONDES
ROCKET SOUNDING
SONDES
VIKING ROCKET VEHICLE

SOUNDS (TOPOGRAPHIC FEATURES)

GS SOUNDS (TOPOGRAPHIC FEATURES)
BLOCK ISLAND SOUND (RI)
PRINCE WILLIAM SOUND (AK)
RT CHESAPEAKE BAY (US)
INLETS (TOPOGRAPHY)
OCEANS
RIVERS
WATER

SOURCE PROGRAMS

GS COMPUTER PROGRAMS
SOURCE PROGRAMS
PROGRAMS
SOURCE PROGRAMS

∞ SOURCES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CAUSES
DERIVATION
ELECTRON SOURCES
EXTRAGALACTIC RADIO SOURCES
ION SOURCES
NONPOINT SOURCES
RADIATION SOURCES
RADIO SOURCES (ASTRONOMY)
SINKS

SOUTH AFRICA

USE REPUBLIC OF SOUTH AFRICA

SOUTH AMERICA

GS CONTINENTS
SOUTH AMERICA
RT ANDES MOUNTAINS (SOUTH AMERICA)
ARGENTINA
BOLIVIA
BRAZIL
CENTRAL AMERICA
CHILE
COLOMBIA
ECUADOR
FRENCH GUIANA
GUYANA
MAGDALENA-CAUCA VALLEY (COLOMBIA)
PARAGUAY
PERU
SURINAM
TRINIDAD AND TOBAGO
URUGUAY
VENEZUELA

SOUTH CAROLINA

GS NATIONS
UNITED STATES
SOUTH CAROLINA
RT SAND HILLS REGION (GA-NC-SC)

SOUTH DAKOTA

GS NATIONS
UNITED STATES
SOUTH DAKOTA
RT BLACK HILLS (SD-WY)
MISSOURI RIVER (US)

SOUTH KOREA

UF REPUBLIC OF KOREA

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SOUTH KOREA-(CONT)

GS NATIONS
SOUTH KOREA
RT ASIA
∞ KOREA
NORTH KOREA

SOUTH VIETNAM

USE VIETNAM

SOUTH WEST AFRICA

USE NAMIBIA

SOUTHEAST ASIA

GS REGIONS
SOUTHEAST ASIA
RT ASIA
VIETNAM

SOUTHERN CALIFORNIA

GS REGIONS
SOUTHERN CALIFORNIA
RT CALIFORNIA
MEXICO
NEVADA
PACIFIC OCEAN
UNITED STATES

SOUTHERN HEMISPHERE

GS SOUTHERN HEMISPHERE
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
RT ∞ HEMISPHERES
NORTHERN HEMISPHERE
SOUTHERN SKY

SOUTHERN SKY

RT ASTRONOMICAL CATALOGS
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL SPECTROSCOPY
ASTRONOMY
NORTHERN SKY
SOUTHERN HEMISPHERE

SOUTHERN YEMEN

UF ADEN
GS NATIONS
SOUTHERN YEMEN
RT ASIA

SOVEREIGNTY

RT INTERNATIONAL COOPERATION
INTERNATIONAL LAW
POLITICS
VOTING

SOVIET SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 14 SATELLITE
COSMOS 44 SATELLITE
COSMOS 54 SATELLITE
COSMOS 71 SATELLITE
COSMOS 110 SATELLITE
COSMOS 137 SATELLITE
COSMOS 144 SATELLITE
COSMOS 149 SATELLITE
COSMOS 166 SATELLITE
COSMOS 186 SATELLITE
COSMOS 188 SATELLITE
COSMOS 206 SATELLITE
COSMOS 213 SATELLITE
COSMOS 224 SATELLITE
COSMOS 225 SATELLITE
COSMOS 381 SATELLITE
COSMOS 954 SATELLITE
COSMOS 1129 SATELLITE
INTERCOSMOS SATELLITES
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
MOLNIYA SATELLITES
PROGNOZ SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 2 SATELLITE

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SOVIET SATELLITES-(CONT)

PROTON 3 SATELLITE
PROTON 4 SATELLITE
RADUGA SATELLITE
SPUTNIK SATELLITES
SPUTNIK 1 SATELLITE
SPUTNIK 2 SATELLITE
SPUTNIK 3 SATELLITE
SPUTNIK 4 SATELLITE
SPUTNIK 5 SATELLITE
VENERA SATELLITES
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

SOVIET SPACECRAFT

GS SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
SALYUT SPACE STATION
SOYUZ SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ∞SPACECRAFT

SOVIET UNION
USE U S S R

SOYBEANS
RT ∞FOOD

SOYUZ SPACECRAFT

GS MANNED SPACECRAFT
SOYUZ SPACECRAFT
SOVIET SPACECRAFT
SOYUZ SPACECRAFT
RT APOLLO SOYUZ TEST PROJECT
SALYUT SPACE STATION
U S S R SPACE PROGRAM

∞ SPACE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ALGEBRA
ANALYSIS (MATHEMATICS)
CARTAN SPACE
CISLUNAR SPACE
DEEP SPACE
FRACTALS
FUNCTION SPACE
HYPERSPACES
SET THEORY

SPACE ADAPTATION SYNDROME

RT AEROSPACE MEDICINE
BIOASTRONAUTICS
BIOLOGICAL EFFECTS
LONG DURATION SPACE FLIGHT
MANNED SPACE FLIGHT
MOTION SICKNESS
PHYSIOLOGICAL EFFECTS

SPACE ADAPTATION SYNDROME-(CONT)

PSYCHOLOGICAL EFFECTS
SPACE FLIGHT STRESS
SPACE PSYCHOLOGY
WEIGHTLESSNESS

SPACE ARROW SATELLITE

USE COSMOS 149 SATELLITE

SPACE BASE COMMAND CENTER

GS MANNED SPACECRAFT
SPACE STATIONS
SPACE BASE COMMAND CENTER
STATIONS
SPACE STATIONS
SPACE BASE COMMAND CENTER

SPACE BASED RADAR

GS RADAR
SPACE BASED RADAR
RT ANTENNA ARRAYS
RADIATION EFFECTS
RADIATION SHIELDING

SPACE BASES

GS SPACE BASES
SPACE COLONIES
RT ∞BASES
ORBITAL SPACE STATIONS
SALYUT SPACE STATION
STATIONS

SPACE BIOLOGY

USE EXOBIOLOGY

SPACE BUSES

USE FERRY SPACECRAFT

SPACE CAPSULES

UF CAPSULES (SPACECRAFT)
GS SPACE CAPSULES
DISCOVERER RECOVERY CAPSULES
ESCAPE CAPSULES
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7
RT ARTIFICIAL SATELLITES
BIOSATELLITES
CABIN ATMOSPHERES
∞CAPSULES
COCKPITS
GEMINI SPACECRAFT
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MERCURY FLIGHTS
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RENDEZVOUS SPACECRAFT
SATELLITES
SOFT LANDING SPACECRAFT
∞SPACECRAFT
SPACECRAFT CABINS
SPACECRAFT MODULES
UNMANNED SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSTOK SPACECRAFT

SPACE CHARGE

GS ELECTRIC CHARGE
SPACE CHARGE
RT BUNCHING
CHILD-LANGMUIR LAW
ELECTRIC DISCHARGES
ELECTRON CLOUDS
LANDAU DAMPING
MAGNETOHYDRODYNAMICS
NONOHMIC EFFECT
ORBITRONS
PERVEANCE
PLASMAS (PHYSICS)
STATIC ELECTRICITY

SPACE COLONIES

GS SPACE BASES
SPACE COLONIES
RT LUNAR BASES
LUNAR SHELTERS
ORBITAL SPACE STATIONS
SPACE HABITATS

SPACE DETECTION AND TRACKING SYSTEM

SPACE COMMERCIALIZATION

RT AEROSPACE INDUSTRY
COMMERCE LAB
COMMERCIAL SPACECRAFT
COMMUNICATION SATELLITES
∞MICROGRAVITY APPLICATIONS
SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING
SPACECRAFT LAUNCHING
TECHNOLOGY TRANSFER

SPACE COMMUNICATION

GS TELECOMMUNICATION
SPACE COMMUNICATION
EXTRATERRESTRIAL
COMMUNICATION
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
RT COMMUNICATION SATELLITES
DEFENSE COMMUNICATIONS SATELLITE
SYSTEM
EXTRATERRESTRIAL INTELLIGENCE
FURLABLE ANTENNAS
INTERSTELLAR COMMUNICATION
LASERS
LINE OF SIGHT COMMUNICATION
MANNED SPACE FLIGHT
OPTICAL COMMUNICATION
PULSE COMMUNICATION
RADIO COMMUNICATION
RADIO TELEMETRY
TELEVISION SYSTEMS
WIRELESS COMMUNICATION

SPACE COOLING (BUILDINGS)

GS COOLING
SPACE COOLING (BUILDINGS)
RT COOLING SYSTEMS
ENERGY TECHNOLOGY
HEAT EXCHANGERS
HEAT PUMPS
LIQUID COOLING
RESIDENTIAL ENERGY
SOLAR COLLECTORS
SOLAR COOLING
SOLAR ENERGY CONVERSION
TEMPERATURE CONTROL

SPACE DEBRIS

GS DEBRIS
SPACE DEBRIS
RT ASTEROID BELTS
ASTEROIDS
CHIRON
COSMIC DUST
DUST
METEORIODS
MICROMETEORIODS
∞SPACECRAFT
SPACECRAFT DESIGN
TORO ASTEROID
VESTA ASTEROID

SPACE DENSITY

GS DENSITY (MASS/VOLUME)
SPACE DENSITY
DENSITY (NUMBER/VOLUME)
SPACE DENSITY
RT ATMOSPHERIC DENSITY
ELECTRON DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
PARTICLE DENSITY (CONCENTRATION)
PLASMA DENSITY
PLASMA INTERACTION EXPERIMENT
PROTON DENSITY (CONCENTRATION)

SPACE DETECTION AND TRACKING SYSTEM

UF SPADATS (TRACKING SYSTEM)
GS STATIONS
GROUND STATIONS
SPACE DETECTION AND TRACKING
SYSTEM
TRACKING STATIONS
SPACE DETECTION AND TRACKING
SYSTEM
TRACKING (POSITION)
SPACE DETECTION AND TRACKING
SYSTEM
TRACKING NETWORKS
SPACE DETECTION AND TRACKING
SYSTEM

SPACE DIVERSITY

SPACE DETECTION AND TRACKING-(CONT)

RT MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
PHOTOGRAPHIC TRACKING
POLYSTATION DOPPLER TRACKING
SYSTEM
SPACECRAFT TRACKING
STDN (NETWORK)
∞ SYSTEMS

SPACE DIVERSITY

USE RECEPTION DIVERSITY

SPACE ELECTRIC ROCKET TESTS

UF SERT (ROCKET TESTS)
GS ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
RT ELECTRIC ROCKET ENGINES
FLIGHT TESTS
GROUND TESTS
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
∞ TESTS

SPACE ENVIRONMENT

USE AEROSPACE ENVIRONMENTS

SPACE ENVIRONMENT SIMULATION

GS SIMULATION
ENVIRONMENT SIMULATION
SPACE ENVIRONMENT SIMULATION
WEIGHTLESSNESS SIMULATION
RT ALTITUDE SIMULATION
ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION
FLIGHT SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
MOTION SIMULATORS
SOLAR SIMULATION
THERMAL SIMULATION
VACUUM CHAMBERS

SPACE ENVIRONMENTAL LUBRICATION

USE SPACECRAFT LUBRICATION

SPACE ERECTABLE STRUCTURES

GS SPACE ERECTABLE STRUCTURES
BEACON EXPLORER A
INFLATABLE SPACECRAFT
BEACON SATELLITES
EXPLORER 22 SATELLITE
RT EXPANDABLE STRUCTURES
FOLDING STRUCTURES
INFLATABLE STRUCTURES
LARGE SPACE STRUCTURES
MAYPOLE ANTENNAS
ORBITAL ASSEMBLY
RIGID STRUCTURES
SELF ERECTING DEVICES
SPACE TECHNOLOGY EXPERIMENTS
SPACECRAFT MODULES
SPACECRAFT STRUCTURES
∞ STRUCTURES

SPACE EXPR WITH PARTICLE ACCELERATORS

USE SEPAC (PAYLOAD)

SPACE EXPLORATION

UF PLANETARY EXPLORATION
GS EXPLORATION
SPACE EXPLORATION
RT AEROSPACE ENVIRONMENTS
ASTEROID MISSIONS
ASTRODYNAMICS
∞ ASTRONAUTICS
BIOASTRONAUTICS
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL RESOURCES
FRENCH SPACE PROGRAMS
GULLIVER PROGRAM
INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
JUPITER RINGS
LUNAR EXPLORATION
MANNED SPACE FLIGHT
MARS 69 PROJECT
MARS 71 PROJECT
PLANETARY BASES
PLANETARY COMPOSITION
SOLAR MAXIMUM MISSION-A
TOPS (SPACECRAFT)
VIKING LANDER SPACECRAFT

SPACE EXPLORATION-(CONT)

VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT

GS

SPACE FLIGHT

HYPERBOLIC REENTRY
HYPERSONIC REENTRY
INTERPLANETARY FLIGHT
LONG DURATION SPACE FLIGHT
INTERSTELLAR TRAVEL
LUNAR FLIGHT
MANNED SPACE FLIGHT
APOLLO FLIGHTS
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
GEMINI FLIGHTS
GEMINI 3 FLIGHT
GEMINI 4 FLIGHT
GEMINI 5 FLIGHT
GEMINI 6 FLIGHT
GEMINI 7 FLIGHT
GEMINI 8 FLIGHT
GEMINI 9 FLIGHT
GEMINI 10 FLIGHT
GEMINI 11 FLIGHT
GEMINI 12 FLIGHT
MANNED REENTRY
MERCURY FLIGHTS
MERCURY MA-1 FLIGHT
MERCURY MA-2 FLIGHT
MERCURY MA-3 FLIGHT
MERCURY MA-4 FLIGHT
MERCURY MA-5 FLIGHT
MERCURY MA-6 FLIGHT
MERCURY MA-7 FLIGHT
MERCURY MA-8 FLIGHT
MERCURY MA-9 FLIGHT
MERCURY MR-1 FLIGHT
MERCURY MR-2 FLIGHT
MERCURY MR-3 FLIGHT
MERCURY MR-4 FLIGHT
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
SPACE SHUTTLE MISSION 41-A
SPACE SHUTTLE MISSION 41-B
SPACE SHUTTLE MISSION 41-C
SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSION 41-E
SPACE SHUTTLE MISSION 41-F
SPACE SHUTTLE MISSION 41-G
SPACE SHUTTLE MISSION 41-H
SPACE SHUTTLE MISSION 41-I
SPACE SHUTTLE MISSION 41-J
SPACE SHUTTLE MISSION 41-K
SPACE SHUTTLE MISSION 41-L
SPACE SHUTTLE MISSION 41-M
SPACE SHUTTLE MISSION 41-N
SPACE SHUTTLE MISSION 41-O
SPACE SHUTTLE MISSION 41-P
SPACE SHUTTLE MISSION 41-Q
SPACE SHUTTLE MISSION 41-R
SPACE SHUTTLE MISSION 41-S
SPACE SHUTTLE MISSION 41-T
SPACE SHUTTLE MISSION 41-U
SPACE SHUTTLE MISSION 41-V
SPACE SHUTTLE MISSION 41-W
SPACE SHUTTLE MISSION 41-X
SPACE SHUTTLE MISSION 41-Y
SPACE SHUTTLE MISSION 41-Z
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-K
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 51-M
SPACE SHUTTLE MISSION 51-N
SPACE SHUTTLE MISSION 51-O
SPACE SHUTTLE MISSION 51-P
SPACE SHUTTLE MISSION 51-Q
SPACE SHUTTLE MISSION 51-R
SPACE SHUTTLE MISSION 51-S
SPACE SHUTTLE MISSION 51-T
SPACE SHUTTLE MISSION 51-U
SPACE SHUTTLE MISSION 51-V
SPACE SHUTTLE MISSION 51-W
SPACE SHUTTLE MISSION 51-X
SPACE SHUTTLE MISSION 51-Y
SPACE SHUTTLE MISSION 51-Z

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SPACE FLIGHT-(CONT)

SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-K
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 51-M
SPACE SHUTTLE MISSION 51-N
SPACE SHUTTLE MISSION 51-O
SPACE SHUTTLE MISSION 51-P
SPACE SHUTTLE MISSION 51-Q
SPACE SHUTTLE MISSION 51-R
SPACE SHUTTLE MISSION 51-S
SPACE SHUTTLE MISSION 51-T
SPACE SHUTTLE MISSION 51-U
SPACE SHUTTLE MISSION 51-V
SPACE SHUTTLE MISSION 51-W
SPACE SHUTTLE MISSION 51-X
SPACE SHUTTLE MISSION 51-Y
SPACE SHUTTLE MISSION 51-Z
SPACECRAFT REENTRY
VIKING MARS PROGRAM
RT AEROSPACE ENVIRONMENTS
APOLLO SOYUZ TEST PROJECT
ASCENT PROPULSION SYSTEMS
ASTRODYNAMICS
∞ ASTRONAUTICS
ATMOSPHERIC ENTRY
AUXILIARY PROPULSION
BIOASTRONAUTICS
CELESTIAL BODIES
EXPEDITIONS
EXPLORATION
EXTRAVEHICULAR ACTIVITY
∞ FLIGHT
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT SIMULATION
FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
METEOROLOGICAL FLIGHT
∞ MISSIONS
ORBITS
PHYSICS AND CHEMISTRY EXPERIMENT
IN SPACE
POINTING CONTROL SYSTEMS
PROPULSION
REENTRY
ROCKET FLIGHT
∞ ROCKETS
SOLAR SAILS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACECRAFT GUIDANCE
SPACECRAFT MANEUVERS
SPACECRAFT PROPULSION
SUBORBITAL FLIGHT
TRAJECTORIES
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT FEEDING

RT CONSUMABLES (SPACECREW SUPPLIES)
DEHYDRATED FOOD
DIETS
EATING
∞ FOOD
FOOD INTAKE
LIFE SUPPORT SYSTEMS
NUTRITION
NUTRITIONAL REQUIREMENTS
WASTE DISPOSAL

SPACE FLIGHT STRESS

GS FLIGHT STRESS (BIOLOGY)
SPACE FLIGHT STRESS
RT BOREDOM
∞ FLIGHT STRESS
GRAVITATIONAL PHYSIOLOGY
LOWER BODY NEGATIVE PRESSURE
MANNED SPACE FLIGHT
SPACE ADAPTATION SYNDROME
SPACE PSYCHOLOGY
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WEIGHTLESSNESS

SPACE FLIGHT TRACKING AND DATA NETWORK

GS TRACKING NETWORKS
SPACE FLIGHT TRACKING AND DATA
NETWORK
RT ∞ DATA
DATA ACQUISITION
GLOBAL TRACKING NETWORK

NASA THESAURUS (VOLUME 1)

SPACE PLASMA H/V INTERACTION EXPERIMENTS

SPACE FLIGHT TRACKING AND DATA-(CONT)

GROUND STATIONS
SATELLITE TRACKING
STATIONS
STDN (NETWORK)
TRACKING STATIONS

SPACE FLIGHT TRAINING

GS EDUCATION
FLIGHT TRAINING
SPACE FLIGHT TRAINING
RT ASTRONAUT TRAINING
PILOT TRAINING
SPACECRAFT CABIN SIMULATORS
TRAINING SIMULATORS

SPACE GLIDERS

USE LIFTING REENTRY VEHICLES

SPACE GLOSSARIES

RT BIBLIOGRAPHIES
DICTIONARIES
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
THESAURI

SPACE HABITATS

RT AEROSPACE ENVIRONMENTS
CLOSED ECOLOGICAL SYSTEMS
LIFE SUPPORT SYSTEMS
SPACE COLONIES
SPACE STATIONS
SPACECREWS

SPACE HEATING (BUILDINGS)

GS HEATING
SPACE HEATING (BUILDINGS)
RT AIR CONDITIONING
ENVIRONMENTAL ENGINEERING
HEATING EQUIPMENT
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SOLAR HEATING
SOLAR HOUSES
TEMPERATURE CONTROL
WASTE ENERGY UTILIZATION

SPACE INDUSTRIALIZATION

GS SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING
RT COMMERCIAL SPACECRAFT
ECONOMIC DEVELOPMENT
ENERGY CONVERSION
INDUSTRIES
MANUFACTURING
∞ PROCESSES
PRODUCT DEVELOPMENT
PRODUCTS
RESEARCH FACILITIES
SPACE COMMERCIALIZATION

SPACE INFRARED TELESCOPE FACILITY

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
SPACE INFRARED TELESCOPE
FACILITY
TELESCOPES
ASTRONOMICAL TELESCOPES
INFRARED TELESCOPES
SPACE INFRARED TELESCOPE
FACILITY
SPACEBORNE TELESCOPES
SPACE INFRARED TELESCOPE
FACILITY
RT INFRARED ASTRONOMY
INFRARED TELESCOPES

SPACE LABORATORIES

GS LABORATORIES
SPACE LABORATORIES
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
EARTH VIEWING APPLICATIONS
LABORATORY
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
RT ∞ AEROSPACE SCIENCES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
LONG DURATION EXPOSURE FACILITY
RESEARCH FACILITIES

SPACE LABORATORIES-(CONT)

RESEARCH VEHICLES
SAIL PROJECT
SALYUT SPACE STATION
SORTIE SYSTEMS
SPACEBORNE EXPERIMENTS
∞ SPACECRAFT

SPACE LAW

GS LAW (JURISPRUDENCE)
INTERNATIONAL LAW
SPACE LAW
RT AIR LAW
OUTER SPACE TREATY
SABOTAGE

SPACE LOGISTICS

GS CONSUMABLES (SPACECRAFT)
SPACE LOGISTICS
LOGISTICS
SPACE LOGISTICS
RT CONSUMABLES (SPACECREW SUPPLIES)
EXTRATERRESTRIAL RESOURCES
MANNED SPACE FLIGHT
SPACECRAFT CABIN SIMULATORS
SPACECREW TRANSFER
STOWAGE (ONBOARD EQUIPMENT)

SPACE MAINTENANCE

GS MAINTENANCE
SPACE MAINTENANCE
RT ASTRONAUT TRAINING
∞ ASTRONAUTICS
EXTRAVEHICULAR ACTIVITY
ORBITAL WORKERS
PAYLOAD TRANSFER
REMOTE MANIPULATOR SYSTEM

SPACE MANUFACTURING

GS FABRICATION
SPACE MANUFACTURING
MANUFACTURING
SPACE MANUFACTURING
SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
RT AEROSPACE ENVIRONMENTS
ASSEMBLING
COMMERCIAL SPACECRAFT
CONSTRUCTION
HIGH VACUUM
INDUSTRIES
LEVITATION MELTING
LOW GRAVITY MANUFACTURING
∞ MICROGRAVITY APPLICATIONS
SPACE COMMERCIALIZATION
SPACE PROCESSING
SPACEBORNE EXPERIMENTS
TECHNOLOGIES
VACUUM EFFECTS
WEIGHTLESSNESS

SPACE MECHANICS

GS CLASSICAL MECHANICS
SPACE MECHANICS
ASTRODYNAMICS
CELESTIAL MECHANICS
ORBITAL MECHANICS
KEPLER LAWS
MINIMUM VARIANCE ORBIT
DETERMINATION
RT FLIGHT MECHANICS
MAGNETOHYDRODYNAMICS
ORBITAL SPACE STATIONS
ORBITAL SPACE TESTS
QUADRATURES

SPACE MISSIONS

GS SPACE MISSIONS
ASTEROID MISSIONS
GIOTTO MISSION
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
ULYSSES MISSION
RT APOLLO SOYUZ TEST PROJECT
CHINESE SPACE PROGRAM
EARTH-VENUS TRAJECTORIES
FLYBY MISSIONS
FRENCH SPACE PROGRAMS
GRAND TOURS
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
∞ MISSIONS
SKYLAB 1

SPACE MISSIONS-(CONT)

SKYLAB 2
SKYLAB 3
SKYLAB 4
∞ SPACECRAFT
TOPS (SPACECRAFT)

SPACE NAVIGATION

GS NAVIGATION
SPACE NAVIGATION
INTERPLANETARY NAVIGATION
RT AIR NAVIGATION
ASTRODYNAMICS
∞ ASTRONAUTICS
ASTRONAVIGATION
AUTONOMOUS NAVIGATION
CELESTIAL NAVIGATION
DIGITAL NAVIGATION
EARTH-VENUS TRAJECTORIES
GLOBAL POSITIONING SYSTEM
INERTIAL NAVIGATION
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MANNED SPACECRAFT
ORBITAL MANEUVERS
ORBITAL MECHANICS
ORBITS
RADAR NAVIGATION
RADIO NAVIGATION
REFERENCE STARS
SATELLITE GUIDANCE
SATELLITE NAVIGATION SYSTEMS
SPACECRAFT GUIDANCE
SPACECRAFT POSITION INDICATORS
STANDARDIZED SPACE GUIDANCE

SPACE OBSERVATIONS (FROM EARTH)

GS OBSERVATION
SPACE OBSERVATIONS (FROM
EARTH)
RT DETECTION
RADIO OBSERVATION
RECONNAISSANCE
SPACE SURVEILLANCE (GROUND
BASED)
VISUAL OBSERVATION

SPACE OPERATIONS CENTER (NASA)

GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SPACE OPERATIONS CENTER
(NASA)
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
SPACE OPERATIONS CENTER
(NASA)
RT LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
ORBITAL SERVICING

∞ SPACE ORIENTATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ATTITUDE (INCLINATION)
BEARING (DIRECTION)
VERTICAL PERCEPTION
VISUAL PERCEPTION

SPACE PERCEPTION

UF DEPTH PERCEPTION
DISTANCE PERCEPTION
FORM PERCEPTION
SLANT PERCEPTION
GS PERCEPTION
SENSORY PERCEPTION
VISUAL PERCEPTION
SPACE PERCEPTION
AUTOKINESIS
RT BINOCULAR VISION
MONOCULAR VISION
PERIPHERAL VISION
RANGE FINDERS
SOUND LOCALIZATION
VISUAL FIELDS

SPACE PHOTOGRAPHY

USE SPACEBORNE PHOTOGRAPHY

SPACE PLASMA H/V INTERACTION

EXPERIMENTS
USE SPHINX

SPACE PLASMAS

SPACE PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
SPACE PLASMAS
RT AMPTE (SATELLITES)
GEOMAGNETISM
IONOPAUSE
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOSPHERE
OPEN PROJECT
PLASMA DENSITY
PLASMA DIAGNOSTICS
PLASMA INTERACTIONS
PLASMA LAYERS
PLASMA PHYSICS
PLASMA WAVES
PLASMA-ELECTROMAGNETIC
INTERACTION
POLAR CUSPS
SOLAR WIND

SPACE PLATFORMS

GS SPACE PLATFORMS
EURECA (ESA)
SYNCHRONOUS PLATFORMS
RT INTRAORBIT TRANSFER VEHICLES
ORBITAL SERVICING
SHAPE CONTROL

SPACE POWER REACTORS

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
RT HEAT EXCHANGERS
TURBOGENERATORS

SPACE POWER UNIT REACTORS

UF SPUR (REACTORS)
GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
RT FISSION ELECTRIC CELLS
HEAT EXCHANGERS
SNAP

SPACE POWER UNIT REACTORS-(CONT)

SNAP 2
SNAP 4
SNAP 8
SNAP 50
TURBOGENERATORS

SPACE PROBES

GS UNMANNED SPACECRAFT
SPACE PROBES
EXPLORER 18 SATELLITE
GIOTTO MISSION
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER VENUS-MERCURY 1973
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER-MERCURY 1973
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC
SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 10 SPACE PROBE
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING ORBITER 1975
ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE

SPACE PROBES-(CONT)

PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
SUNBLAZER SPACE PROBE
VENUS PROBES
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ATLAS ABLE 5 LAUNCH VEHICLE
INTERPLANETARY SPACECRAFT
MAGNETIC PROBES
MANEUVERABLE SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
PIONEER PROJECT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
∞ PROBES
RADIO OCCULTATION
SATELLITE TELEVISION
SATELLITES
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT
VOYAGER PROJECT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
VOYAGER 1977 MISSION

SPACE PROCESSING

GS SPACE INDUSTRIALIZATION
SPACE PROCESSING
RT ACOUSTIC LEVITATION
BIOPROCESSING
COMMERCIAL SPACECRAFT
CONTAINERLESS MELTS
CRYSTAL GROWTH
ELECTRIC FURNACES
FLOAT ZONES
LEVITATION MELTING
LOW GRAVITY MANUFACTURING
MARANGONI CONVECTION
∞ MICROGRAVITY APPLICATIONS
ORBITAL WORKSHOPS
SINGLE CRYSTALS
SPACE COMMERCIALIZATION
SPACE MANUFACTURING
SPACEBORNE EXPERIMENTS
ULTRAPURE METALS

SPACE PROCESSING APPLICATIONS ROCKET

UF SPAR (ROCKET)
RT LAUNCH VEHICLES
METAL FOAMS
PAYLOADS
ROCKET VEHICLES
WEIGHTLESSNESS

SPACE PROGRAMS

GS PROGRAMS
SPACE PROGRAMS
BRAZILIAN SPACE PROGRAM
CANADIAN SPACE PROGRAM
CHINESE SPACE PROGRAM

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SPACE SHUTTLE MISSION 51-C

SPACE PROGRAMS-(CONT)

EUROPEAN SPACE PROGRAMS
FRENCH SPACE PROGRAMS
GEOGRAPHIC APPLICATIONS
PROGRAM
INDIAN SPACE PROGRAM
INDONESIAN SPACE PROGRAM
ITALIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
SAUDI ARABIAN SPACE PROGRAM
SWEDISH SPACE PROGRAM
SWISS SPACE PROGRAM
U S S R SPACE PROGRAM
UK SPACE PROGRAM
RT APOLLO SOYUZ TEST PROJECT
EUROPEAN SPACE AGENCY
ISRO
MANNED SPACE FLIGHT
NASA PROGRAMS
NATIONAL LAUNCH VEHICLE PROGRAM
∞ RESEARCH PROJECTS
SOLAR MAXIMUM MISSION

SPACE PSYCHOLOGY

GS AEROSPACE MEDICINE
SPACE PSYCHOLOGY
PSYCHOLOGY
RT SPACE PSYCHOLOGY
ASTRONAUT PERFORMANCE
ASTRONAUT TRAINING
AVIATION PSYCHOLOGY
MANNED SPACE FLIGHT
MILITARY PSYCHOLOGY
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS
SOCIAL FACTORS
SPACE ADAPTATION SYNDROME
SPACE FLIGHT STRESS
STRESS (PSYCHOLOGY)

SPACE RADIATION

USE EXTRATERRESTRIAL RADIATION

SPACE RADIATORS

USE SPACECRAFT RADIATORS

SPACE RATIONS

GS CONSUMABLES (SPACECRAFT)
CONSUMABLES (SPACECREW
SUPPLIES)
SPACE RATIONS
RATIONS
SPACE RATIONS
RT ∞ FOOD
PROVISIONING
STOWAGE (ONBOARD EQUIPMENT)

SPACE RENDEZVOUS

UF SPACECRAFT RENDEZVOUS
GS RENDEZVOUS
SPACE RENDEZVOUS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RT APOLLO SOYUZ TEST PROJECT
RENDEZVOUS TRAJECTORIES
SPACECRAFT DOCKING
TRANSFER ORBITS

SPACE SCIENCES

USE AEROSPACE SCIENCES

SPACE SELF MANEUVERING UNITS

USE SELF MANEUVERING UNITS

SPACE SHUTTLE ASCENT STAGE

RT ASCENT
ASCENT PROPULSION SYSTEMS
ASCENT TRAJECTORIES
SPACE SHUTTLE BOOSTERS
SPACE SHUTTLE UPPER STAGES
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACECRAFT LAUNCHING
STAGE SEPARATION
UPPER STAGE ROCKET ENGINES

SPACE SHUTTLE BOOSTERS

UF SHUTTLE BOOSTERS
GS TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE BOOSTERS

SPACE SHUTTLE BOOSTERS-(CONT)

AEROMANEUVERING ORBIT TO
ORBIT SHUTTLE
RT ∞ BOOSTERS
MANNED SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLE MAIN ENGINE

GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
SPACE SHUTTLE MAIN ENGINE
RT PROPULSION
SPACE TRANSPORTATION SYSTEM
SPACE TRANSPORTATION SYSTEM
FLIGHTS

SPACE SHUTTLE MISSION 31-A

UF STS-5
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-A
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-A
RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 31-B

UF STS-6
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-B
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-B
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-C

UF SPACE SHUTTLE ORBITAL FLIGHT 7
GS STS-7
SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-C
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-C
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-D

UF SPACE SHUTTLE ORBITAL FLIGHT 8
GS STS-8
SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 31-D
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-D
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-D
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-A

UF SPACE SHUTTLE ORBITAL FLIGHT 9
GS STS-9
SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-A
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-A
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-A
RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 41-B

UF STS-11
GS SPACE FLIGHT

SPACE SHUTTLE MISSION 41-B-(CONT)

MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-B
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-B
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-B
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-C

UF STS-13
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-C
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-C
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-C
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-D

UF STS-14
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-D
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-D
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 41-G

UF STS-17
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 41-G
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-G
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 41-G
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-A

UF STS-19
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-A
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-A
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-B

UF STS-24
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-B
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-B
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-C

UF STS-20
GS SPACE FLIGHT
MANNED SPACE FLIGHT
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-C
TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 51-C
RT DISCOVERY (ORBITER)

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SPACE SHUTTLE MISSIONS-(CONT)

SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E

TRANSPORTATION

SPACE TRANSPORTATION

SPACE TRANSPORTATION SYSTEM

SPACE SHUTTLE MISSIONS

SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
SPACE SHUTTLE MISSION 41-A
SPACE SHUTTLE MISSION 41-B
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SPACE SHUTTLE MISSION 41-D
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SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E

RT SPACE SHUTTLE MISSION 61-A

SPACE SHUTTLE ORBITAL FLIGHT TEST 1

USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 2

USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 3

USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 4

USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TESTS

USE SPACE TRANSPORTATION SYSTEM
FLIGHTS

SPACE SHUTTLE ORBITAL FLIGHT 7

USE SPACE SHUTTLE MISSION 31-C

SPACE SHUTTLE ORBITAL FLIGHT 8

USE SPACE SHUTTLE MISSION 31-D

SPACE SHUTTLE ORBITAL FLIGHT 9

USE SPACE SHUTTLE MISSION 41-A

SPACE SHUTTLE ORBITAL FLIGHTS

USE SPACE TRANSPORTATION SYSTEM
FLIGHTS

SPACE SHUTTLE ORBITER 099

USE CHALLENGER (ORBITER)

SPACE SHUTTLE ORBITER 101

USE ENTERPRISE (ORBITER)

SPACE SHUTTLE ORBITER 102

USE COLUMBIA (ORBITER)

SPACE SHUTTLE ORBITER 103

USE DISCOVERY (ORBITER)

SPACE SHUTTLE ORBITER 104

USE ATLANTIS (ORBITER)

SPACE SHUTTLE ORBITERS

UF SHUTTLE ORBITERS
GS TRANSPORTATION

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SPACE SHUTTLE ORBITERS-(CONT.)

SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
RT INERTIAL UPPER STAGE
MANNED SPACE FLIGHT
MICROWAVE SCANNING BEAM LANDING
SYSTEM
PAYLOAD INTEGRATION PLAN
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SHUTTLE DERIVED VEHICLES
SPACECRAFT RECOVERY
TERMINAL AREA ENERGY MANAGEMENT

SPACE SHUTTLE PAYLOADS

GS PAYLOADS
SPACE SHUTTLE PAYLOADS
ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT
HALOGEN OCCULTATION
EXPERIMENT
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
SPACEBORNE EXPERIMENTS
ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
EARTH RADIATION BUDGET
EXPERIMENT
PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
PLASMA INTERACTION EXPERIMENT
SPACELAB
X RAY ASTROPHYSICS FACILITY
RT COMMERCE LAB
EXTRAVEHICULAR ACTIVITY
FEATURE IDENTIFICATION AND
LOCATION EXPER
ORBITAL SERVICING
PAYLOAD ASSIST MODULE
PAYLOAD INTEGRATION
PAYLOAD INTEGRATION PLAN
SHUTTLE IMAGING RADAR
SORTIE SYSTEMS
SPACE TECHNOLOGY EXPERIMENTS
SPACE TRANSPORTATION SYSTEM

SPACE SHUTTLE UPPER STAGE A

UF SSUS-A
GS SPACE SHUTTLE UPPER STAGES
SPACE SHUTTLE UPPER STAGE A
RT ATLAS CENTAUR LAUNCH VEHICLE

SPACE SHUTTLE UPPER STAGE D

UF SSUS-D
GS SPACE SHUTTLE UPPER STAGES
SPACE SHUTTLE UPPER STAGE D
RT DELTA LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES
SPIN STABILIZATION

SPACE SHUTTLE UPPER STAGES

GS SPACE SHUTTLE UPPER STAGES
SPACE SHUTTLE UPPER STAGE A
SPACE SHUTTLE UPPER STAGE D
SPINNING SOLID UPPER STAGE
RT SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLES

GS MANNED SPACECRAFT
SPACE SHUTTLES
HERMES MANNED SPACEPLANE
RT ADVANCED TECHNOLOGY LABORATORY
AEPS
AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
ANNULAR SUSPENSION AND POINTING
SYSTEM
APPROACH AND LANDING TESTS (STS)
ASSESS PROGRAM
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
AUXILIARY PROPULSION
BESS (SATELLITE)
EARTH VIEWING APPLICATIONS
LABORATORY
ENTRY GUIDANCE (STS)
EURECA (ESA)
EXPENDABLE STAGES (SPACECRAFT)
HUBBLE SPACE TELESCOPE

SPACE SHUTTLES-(CONT.)

INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
INTRAORBIT TRANSFER VEHICLES
LIRTS (TELESCOPE)
MANNED SPACE FLIGHT
ORBIT MANEUVERING ENGINE (SPACE
SHUTTLE)
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERS
PAYLOAD CONTROL
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD RETRIEVAL (STS)
SAIL PROJECT
SHUTTLE DERIVED VEHICLES
SHUTTLE ENGINEERING SIMULATOR
SHUTTLE PALLET SATELLITES
SINGLE STAGE TO ORBIT VEHICLES
SORTIE SYSTEMS
SPACE SHUTTLE ASCENT STAGE
SPACE TRANSPORTATION SYSTEM
FLIGHTS
∞ SPACECRAFT
SPACECRAFT RECOVERY
SPACELAB

SPACE SIMULATORS

UF ORBITAL SIMULATORS
GS SIMULATORS
ENVIRONMENT SIMULATORS
SPACE SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
RT CENTRIFUGES
FLIGHT SIMULATORS
SOLAR SIMULATORS
VACUUM CHAMBERS

SPACE STATIONS

UF SELF DEPLOYING SPACE STATIONS
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
SALYUT SPACE STATION
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE OPERATIONS CENTER
(NASA)
SPACE BASE COMMAND CENTER
STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
HALO ORBIT SPACE STATION
LONG DURATION EXPOSURE
FACILITY
ORBITAL WORKSHOPS
ORBITING LUNAR STATIONS
SALYUT SPACE STATION
SPACE OPERATIONS CENTER
(NASA)
SPACE BASE COMMAND CENTER

RT AEPS
ARTIFICIAL SATELLITES
BIOASTRONAUTICS
FERRY SPACECRAFT
HUBBLE SPACE TELESCOPE
INFLATABLE STRUCTURES
MILITARY SPACECRAFT
ORBITAL SPACE STATIONS
ORBITAL SPACE TESTS
∞ PLATFORMS
RENDEZVOUS SPACECRAFT
SATELLITES
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SORTIE SYSTEMS
SPACE HABITATS
SPIN STABILIZATION

SPACE STORAGE

RT CRYOGENIC FLUID STORAGE
CRYOGENIC ROCKET PROPELLANTS
PROPELLANT STORAGE
STORABLE PROPELLANTS
∞ STORAGE
STORAGE TANKS

SPACE TRANSPORTATION

SPACE SUITS

GS CLOTHING
PROTECTIVE CLOTHING
PRESSURE SUITS
SPACE SUITS
SUITS
PRESSURE SUITS
SPACE SUITS
SAFETY DEVICES
SPACE SUITS
RT MANNED MANEUVERING UNITS

∞ SPACE SURVEILLANCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)

SPACE SURVEILLANCE (GROUND BASED)

GS SURVEILLANCE
SPACE SURVEILLANCE (GROUND
BASED)
RT AIR DEFENSE
ANTIMISSILE DEFENSE
MINITRACK SYSTEM
SPACE OBSERVATIONS (FROM EARTH)
∞ SPACE SURVEILLANCE
SPACECRAFT TRACKING

SPACE SURVEILLANCE (SPACEBORNE)

GS SURVEILLANCE
SPACE SURVEILLANCE (SPACEBORNE)
RT AIR DEFENSE
ANTIMISSILE DEFENSE
HIGH ALTITUDE NUCLEAR DETECTION
ICE MAPPING
ICE REPORTING
MILITARY SPACECRAFT
OPTICAL COUNTERMEASURES
RECONNAISSANCE
SATELLITE-BORNE PHOTOGRAPHY
SATELLITE-TO-SATELLITE TRACKING
∞ SPACE SURVEILLANCE
SPACECRAFT TRACKING

SPACE SYSTEMS ENGINEERING

USE AEROSPACE ENGINEERING

SPACE TECHNOLOGY EXPERIMENTS

RT ANTENNA DESIGN
ANTENNAS
LARGE SPACE STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACE SHUTTLE PAYLOADS
SPACEBORNE EXPERIMENTS

SPACE TELESCOPE

USE HUBBLE SPACE TELESCOPE

SPACE TEMPERATURE

GS TEMPERATURE
SPACE TEMPERATURE
RT ELECTRON ENERGY
ION TEMPERATURE
ULTRALOW TEMPERATURES

SPACE TOOLS

GS TOOLS
SPACE TOOLS
RT LOW GRAVITY MANUFACTURING
ORBITAL WORKERS

SPACE TRANSPORTATION

GS TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE BOOSTERS
AEROMANEUVERING ORBIT TO
ORBIT SHUTTLE
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
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SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSION 41-G
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C

SPACE TRANSPORTATION SYSTEM

SPACE TRANSPORTATION-(CONT)

SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E
SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
RT INERTIAL UPPER STAGE
JAPANESE SPACE PROGRAM
ORBIT TRANSFER VEHICLES
PAYLOAD STATIONS
PAYLOADS
SINGLE STAGE TO ORBIT VEHICLES
TERMINAL AREA ENERGY MANAGEMENT

SPACE TRANSPORTATION SYSTEM

UF STS
GS TRANSPORTATION
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE BOOSTERS
AEROMANEUVERING ORBIT TO
ORBIT SHUTTLE
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
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SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
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SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E
SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
RT ANNULAR SUSPENSION AND POINTING
SYSTEM
APPROACH AND LANDING TESTS (STS)
ATMOSPHERIC GENERAL CIRCULATION
EXPERIMENT
DEFENSE PROGRAM
HERMES MANNED SPACEPLANE
INERTIAL UPPER STAGE
NASA PROGRAMS
ORBITAL SERVICING
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
OSTA-2 PAYLOAD
PAYLOAD ASSIST MODULE
PAYLOAD DELIVERY (STS)
PAYLOAD INTEGRATION PLAN
PAYLOAD RETRIEVAL (STS)
POWER MODULES (STS)
REMOTE MANIPULATOR SYSTEM
SPACE SHUTTLE MAIN ENGINE
SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TUGS
SPACELAB
SYNCOM 4 SATELLITE
∞ SYSTEMS
TRANSPORTATION

SPACE TRANSPORTATION SYSTEM FLIGHTS

UF OFT
ORBITAL FLIGHT TESTS (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT
TESTS
GS SPACE SHUTTLE ORBITAL FLIGHTS
FLIGHT TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 1
FLIGHT
SPACE TRANSPORTATION SYSTEM 2
FLIGHT
SPACE TRANSPORTATION SYSTEM 3
FLIGHT
SPACE TRANSPORTATION SYSTEM 4
FLIGHT
RT ENTRY GUIDANCE (STS)
GEOPHYSICAL FLUID FLOW CELLS
SOLAR CELL CALIBRATION FACILITY
SPACE FLIGHT
SPACE SHUTTLE ASCENT STAGE
SPACE SHUTTLE MAIN ENGINE
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
∞ SYSTEMS
∞ TESTS

SPACE TRANSPORTATION SYSTEM 1 FLIGHT

UF OFT 1
ORBITAL FLIGHT TEST 1 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
1
GS STS-1
FLIGHT TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 1
FLIGHT

SPACE TRANSPORTATION SYSTEM 2 FLIGHT

UF OFT 2
ORBITAL FLIGHT TEST 2 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
2
GS STS-2
FLIGHT TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 2
FLIGHT

SPACE TRANSPORTATION SYSTEM 3 FLIGHT

UF OFT 3
ORBITAL FLIGHT TEST 3 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
3
GS STS-3
FLIGHT TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 3
FLIGHT

SPACE TRANSPORTATION SYSTEM 4 FLIGHT

UF OFT 4
ORBITAL FLIGHT TEST 4 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
4
GS STS-4
FLIGHT TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 4
FLIGHT

SPACE TUGS

RT INERTIAL UPPER STAGE
MODULES
ORBIT TRANSFER VEHICLES
ORBITAL SERVICING
PAYLOADS
PROPULSION
SPACE TRANSPORTATION SYSTEM
SPACECRAFT PROPULSION

SPACE VEHICLE CHECKOUT PROGRAM

UF SPACECRAFT PRELAUNCH TESTS
RT CHECKOUT
COUNTDOWN
PERFORMANCE TESTS
PREFIRING TESTS
SPACECRAFT MAINTENANCE
∞ TESTS

NASA THESAURUS (VOLUME 1)

SPACE VEHICLE CONTROL

USE SPACECRAFT CONTROL

SPACE VEHICLES

USE SPACECRAFT

SPACE WEAPONS

GS WEAPONS
SPACE WEAPONS
LASER WEAPONS
RT AIR TO AIR MISSILES
ANTIMISSILE MISSILES
CHAPARRAL MISSILE
MINUTEMAN ICBM
NUCLEAR WEAPONS
SURFACE TO AIR MISSILES
WEAPON SYSTEMS
WEAPONS DELIVERY

SPACE-TIME CONTINUUM

USE RELATIVITY

SPACE-TIME FUNCTIONS

UF SPACE-TIME METRIC
GS FUNCTIONS (MATHEMATICS)
SPACE-TIME FUNCTIONS
RT MINKOWSKI SPACE
NAKED SINGULARITIES
RELATIVITY
YANG-MILLS THEORY

SPACE-TIME METRIC

USE SPACE-TIME FUNCTIONS

SPACEBORNE ASTRONOMY

GS ASTRONOMY
SPACEBORNE ASTRONOMY
RT ASTRONOMICAL SATELLITES
COSMIC BACKGROUND EXPLORER
SATELLITE
FAINT OBJECT CAMERA
HIPPARCOS SATELLITE
HUBBLE SPACE TELESCOPE
IUE
MAGELLAN MISSION
QUASAT
ROSAT MISSION
SAS-2
SAS-3
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES

SPACEBORNE EXPERIMENTS

GS PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACEBORNE EXPERIMENTS
ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
EARTH RADIATION BUDGET
EXPERIMENT
PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
PLASMA INTERACTION EXPERIMENT
RT AEROSPACE ENVIRONMENTS
AMPTE (SATELLITES)
BIOPROCESSING
EXPERIMENTATION
GEOPHYSICAL FLUID FLOW CELLS
MOLECULAR SHIELDS
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
PAYLOAD ASSIST MODULE
PAYLOAD INTEGRATION PLAN
PAYLOADS
SPACE LABORATORIES
SPACE MANUFACTURING
SPACE PROCESSING
SPACE TECHNOLOGY EXPERIMENTS
SPACELAB
WEIGHTLESSNESS
X RAY ASTROPHYSICS FACILITY

SPACEBORNE LASERS

GS STIMULATED EMISSION DEVICES
LASERS

SPACEBORNE LASERS

RT AIRBORNE LASERS
LASER APPLICATIONS
REMOTE SENSORS

SPACEBORNE PHOTOGRAPHY

UF SPACE PHOTOGRAPHY
GS IMAGERY

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SPACEBORNE PHOTOGRAPHY-(CONT)

SPACEBORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
DIFFRACTION LIMITED CAMERAS
EARTH RESOURCES
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
MARS PHOTOGRAPHS
MULTISPECTRAL BAND SCANNERS
PHOTOMAPPING
PHOTOMAPS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE OBSERVATION

SPACEBORNE TELESCOPES

GS TELESCOPES
SPACEBORNE TELESCOPES
HUBBLE SPACE TELESCOPE
LIRTS (TELESCOPE)
SOLAR OPTICAL TELESCOPE
SPACE INFRARED TELESCOPE
FACILITY
STARSAT TELESCOPE
RT ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL TELESCOPES
ASTRONOMY
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
MULTI-ANODE MICROCHANNEL ARRAYS
OPTICAL TRANSFER FUNCTION
ROSAT MISSION

∞ SPACECRAFT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF SPACE VEHICLES
RT ADVANCED RECONN ELECTRIC SPACECRAFT
AEROSPACE VEHICLES
ASTRO VEHICLE
ASTRODYNAMICS
ATLANTIS (ORBITER)
AUXILIARY PROPULSION
BIOSATELLITES
CANADIAN SPACECRAFT
CARGO SPACECRAFT
CHALLENGER (ORBITER)
CHINESE SPACECRAFT
COLUMBIA (ORBITER)
CZECHOSLOVAKIAN SPACECRAFT
DISCOVERY (ORBITER)
DUAL SPIN SPACECRAFT
ENTERPRISE (ORBITER)
ESA SPACECRAFT
ESCAPE ROCKETS
EXPANDABLE STRUCTURES
FLEXIBLE SPACECRAFT
FLIGHT TEST VEHICLES
FRENCH SPACE PROGRAMS
GALILEO PROBE
GALILEO SPACECRAFT
GROUND SUPPORT EQUIPMENT
HYPERSONIC VEHICLES
INDIAN SPACE PROGRAM
INDIAN SPACECRAFT
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
JAPANESE SPACE PROGRAM
JAPANESE SPACECRAFT
LAUNCH VEHICLES
LUNAR SPACECRAFT
MANEUVERABLE SPACECRAFT
MANNED ORBITAL RESEARCH LABORATORIES
MANNED SPACECRAFT
MARINER MARK 2 SPACECRAFT
MARK 1 SPACECRAFT
MILITARY SPACECRAFT
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERING VEHICLES
ORBITING LUNAR STATIONS
OUTER PLANETS EXPLORERS
PHOTO RECONNAISSANCE SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
POWER LIMITED SPACECRAFT

SPACECRAFT-(CONT)

RADIATION METEOROID SPACECRAFT
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RESEARCH VEHICLES
SATELLITES
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
SHUTTLE DERIVED VEHICLES
SOFT LANDING SPACECRAFT
SOLAR MAXIMUM MISSION-A
SOLETTAS
SOVIET SPACECRAFT
SPACE CAPSULES
SPACE DEBRIS
SPACE LABORATORIES
SPACE MISSIONS
SPACE SHUTTLES
SPACECRAFT CABIN SIMULATORS
SPACECRAFT MODULES
TECHNOLOGY FEASIBILITY SPACECRAFT
TEST VEHICLES
TOPS (SPACECRAFT)
TRANSATMOSPHERIC VEHICLES
UNIDENTIFIED FLYING OBJECTS
UNMANNED SPACECRAFT
∞ VEHICLES
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

SPACECRAFT ANTENNAS

GS ANTENNAS
SPACECRAFT ANTENNAS
RADIO EQUIPMENT
SPACECRAFT ANTENNAS
TELECOMMUNICATION
SPACECRAFT ANTENNAS
RT FURLABLE ANTENNAS

SPACECRAFT CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
CABIN ATMOSPHERES
SPACECRAFT CABIN ATMOSPHERES
RT CARBON DIOXIDE CONCENTRATION
CLOSED ECOLOGICAL SYSTEMS
COCKPITS
ENVIRONMENTAL CONTROL
HIGH PRESSURE OXYGEN
PRESSURIZED CABINS
REBREATHING

SPACECRAFT CABIN SIMULATORS

GS SIMULATORS
TRAINING SIMULATORS
SPACECRAFT CABIN SIMULATORS
RT AEROSPACE ENVIRONMENTS
COCKPIT SIMULATORS
MANNED SPACECRAFT
SIMULATION
SPACE FLIGHT TRAINING
SPACE LOGISTICS
∞ SPACECRAFT
TEST FACILITIES

SPACECRAFT CABINS

GS COMPARTMENTS
SPACECRAFT CABINS
SPACECRAFT COMPONENTS
SPACECRAFT CABINS
RT ∞ CABINS
COCKPITS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW STATIONS
CREW WORKSTATIONS
PRESSURIZED CABINS
SPACE CAPSULES

SPACECRAFT CHARGING

RT ELECTRIC FIELDS
EXTERNAL SURFACE CURRENTS
SINGLE EVENT UPSETS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

SPACECRAFT COMMUNICATION

SN (COMMUNICATION OF SPACECRAFT WITH GROUND OR OTHER SPACECRAFT)
UF SATELLITE COMMUNICATION
GS TELECOMMUNICATION
SPACE COMMUNICATION

SPACECRAFT DEFENSE

SPACECRAFT COMMUNICATION-(CONT)

SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
RT ARPA COMPUTER NETWORK
ASTRONICS
CIRCUMLUNAR COMMUNICATION
EARTH TERMINALS
FACSIMILE COMMUNICATION
GROUND-AIR-GROUND COMMUNICATION
HOOP COLUMN ANTENNAS
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
OPTICAL COMMUNICATION
PACKET TRANSMISSION
PLASMA ANTENNAS
RADIO COMMUNICATION
SATELLITE COMMUNICATIONS SHIPS
SATELLITE GROUND SUPPORT
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
UNIFIED S BAND
WIRELESS COMMUNICATION

SPACECRAFT COMPONENTS

GS SPACECRAFT COMPONENTS
APOLLO LUNAR EXPERIMENT MODULE
SERVICE MODULES
SPACECRAFT CABINS
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES
COMMAND MODULES
RT AIRBORNE/SPACEBORNE COMPUTERS
BORON-EPOXY COMPOUNDS
COMMONALITY
∞ COMPONENTS
NOSE CONES
ROCKET ENGINES

SPACECRAFT CONFIGURATIONS

GS SPACECRAFT CONFIGURATIONS
APOLLO TELESCOPE MOUNT
SATELLITE CONFIGURATIONS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
APOLLO SHORT STACK
∞ CONFIGURATIONS
FLARED BODIES
LAUNCH VEHICLE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RADIATION METEOROID SPACECRAFT
REENTRY VEHICLES
UPPER STAGE ROCKET ENGINES

SPACECRAFT CONSTRUCTION MATERIALS

RT ∞ CONSTRUCTION MATERIALS
LUDOX (TRADEMARK)
∞ MATERIALS

SPACECRAFT CONTAMINATION

GS CONTAMINATION
SPACECRAFT CONTAMINATION
RT DECONTAMINATION
EXOBIOLOGY

SPACECRAFT CONTROL

UF SPACE VEHICLE CONTROL
GS SPACECRAFT CONTROL
SATELLITE CONTROL
SATELLITE ATTITUDE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
CONTROL SIMULATION
CREW PROCEDURES (PREFLIGHT)
ENGINE CONTROL
FLEXIBLE SPACECRAFT
FLIGHT CONTROL
FLY BY WIRE CONTROL
GROUND BASED CONTROL
MANUAL CONTROL
MARQUARDT RAD ENGINE
MISSILE CONTROL
POINTING CONTROL SYSTEMS
RADIO CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SHAPE CONTROL
STATIONKEEPING
THRUST VECTOR CONTROL
VISUAL CONTROL

SPACECRAFT DEFENSE

UF SATELLITE DEFENSE

SPACECRAFT DESIGN

SPACECRAFT DEFENSE-(CONT)

RT SPACECRAFT SURVIVABILITY
VULNERABILITY

SPACECRAFT DESIGN

GS SPACECRAFT DESIGN
IPAD
MARS 3 SPACECRAFT
SATELLITE DESIGN
RT COMPUTER AIDED DESIGN
∞DESIGN
ENGINE DESIGN
HERMES MANNED SPACEPLANE
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
LOFTING
MARS 3 SPACECRAFT
PRODUCT DEVELOPMENT
SATELLITE TEMPERATURE
SHUTTLE DERIVED VEHICLES
SPACE DEBRIS
SPACECRAFT TEMPERATURE
STRUCTURAL DESIGN
SYSTEMS ENGINEERING
TRANSATMOSPHERIC VEHICLES
WEIGHT REDUCTION

SPACECRAFT DOCKING

UF DOCKING
GS MANEUVERS
SPACECRAFT DOCKING
RT ∞ASTRONAUTICS
INTERCEPTION
MOORING
MULTIPLE DOCKING ADAPTERS
ORBITAL RENDEZVOUS
ORBITAL SPACE STATIONS
RENDEZVOUS TRAJECTORIES
SALYUT SPACE STATION
SPACE RENDEZVOUS
TRANSFER ORBITS

SPACECRAFT DOCKING MODULES

GS MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT COMPONENTS
SPACECRAFT DOCKING MODULES
RT AIRLOCK MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
SERVICE MODULES

SPACECRAFT ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
SPACECRAFT ELECTRONIC
EQUIPMENT
ONBOARD EQUIPMENT
SPACECRAFT EQUIPMENT
SPACECRAFT ELECTRONIC
EQUIPMENT
RT AIRBORNE/SPACEBORNE COMPUTERS
ASTRONICS
SINGLE EVENT UPSETS

SPACECRAFT ENVIRONMENTS

GS ENVIRONMENTS
SPACECRAFT ENVIRONMENTS
RT AEROSPACE MEDICINE
ASTRONAUTS
BIOASTRONAUTICS
CLOSED ECOLOGICAL SYSTEMS
CONTROLLED ATMOSPHERES
COSMONAUTS
COUCHES
ENVIRONMENTAL CONTROL
EXOBIOLGY
EXTRATERRESTRIAL ENVIRONMENTS
GRAVITATION
INTRAVEHICULAR ACTIVITY
LANGLEY COMPLEX COORDINATOR
LIFE SUPPORT SYSTEMS
ROTATING ENVIRONMENTS
SATELLITE TEMPERATURE
THERMAL ENVIRONMENTS
WEIGHTLESSNESS

SPACECRAFT EQUIPMENT

GS ONBOARD EQUIPMENT
SPACECRAFT EQUIPMENT
SPACECRAFT ELECTRONIC
EQUIPMENT
RT ∞EQUIPMENT
SPACECRAFT INSTRUMENTS

SPACECRAFT GUIDANCE

GS GUIDANCE (MOTION)
SPACECRAFT GUIDANCE
SATELLITE GUIDANCE
RT AUTOMATIC CONTROL
AUTONOMOUS NAVIGATION
CCD STAR TRACKER
CELESTIAL NAVIGATION
COMMAND GUIDANCE
GROUND BASED CONTROL
INERTIAL GUIDANCE
INJECTION GUIDANCE
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
LASER GYROSCOPES
MANUAL CONTROL
MIDCOURSE GUIDANCE
ORBITS
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACE FLIGHT
SPACE NAVIGATION
STAR TRACKERS
TERMINAL GUIDANCE

SPACECRAFT INSTRUMENTS

UF SPACECRAFT SENSORS
GS SPACECRAFT INSTRUMENTS
LASER ALTIMETERS
SATELLITE INSTRUMENTS
MULTISPECTRAL LINEAR ARRAYS
SPACECRAFT POSITION INDICATORS
RT ASTRONICS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
AUTONOMOUS SPACECRAFT CLOCKS
BUBBLE TECHNIQUE
FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
GUIDANCE SENSORS
INSTRUMENT PACKAGES
∞INSTRUMENTS
I2S CAMERAS
MEASURING INSTRUMENTS
ONBOARD EQUIPMENT
SPACECRAFT EQUIPMENT

SPACECRAFT LANDING

GS LANDING
SPACECRAFT LANDING
HORIZONTAL SPACECRAFT LANDING
LUNAR LANDING
MARS LANDING
PLANETARY LANDING
RT AIRCRAFT LANDING
APPROACH AND LANDING TESTS (STS)
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
LANDING SIMULATION
SOFT LANDING
SOFT LANDING SPACECRAFT
TERMINAL AREA ENERGY MANAGEMENT
TOUCHDOWN
VERTICAL LANDING
WATER LANDING

SPACECRAFT LAUNCHING

UF SATELLITE LAUNCHING
GS LAUNCHING
SPACECRAFT LAUNCHING
RT COUNTDOWN
HEAVY LIFT LAUNCH VEHICLES
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHING PADS
MISSILES
ORBITAL LAUNCHING
ORBITAL SHOTS
POSTLAUNCH REPORTS
PRELAUNCH SUMMARIES
RAILGUN ACCELERATORS
REUSABLE LAUNCH VEHICLES
ROCKET LAUNCHING
SPACE COMMERCIALIZATION
SPACE SHUTTLE ASCENT STAGE

SPACECRAFT LUBRICATION

UF SPACE ENVIRONMENTAL LUBRICATION
GS LUBRICATION
SPACECRAFT LUBRICATION
RT SELF LUBRICATING MATERIALS

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SPACECRAFT MAINTENANCE

GS MAINTENANCE
SPACECRAFT MAINTENANCE
RT CHECKOUT
PRELAUNCH TESTS
SPACE VEHICLE CHECKOUT PROGRAM
SPACECRAFT RELIABILITY
TURNAROUND (STS)

SPACECRAFT MANEUVERS

UF SATELLITE MANEUVERS
GS MANEUVERS
SPACECRAFT MANEUVERS
ORBITAL MANEUVERS
RT CONTROL SIMULATION
MANEUVERABILITY
MANEUVERABLE SPACECRAFT
SPACE FLIGHT

SPACECRAFT MODELS

GS MODELS
SPACECRAFT MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SPACECRAFT MODULES

GS MODULES
SPACECRAFT MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MARS EXCURSION MODULE
SIM
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
COMMAND MODULES
RT COMMAND MODULES
COMPARTMENTS
ORBITAL ASSEMBLY
SERVICE MODULES
SPACE CAPSULES
SPACE ERECTABLE STRUCTURES

SPACECRAFT MOTION

SN (NONTRAJECTORY MOTION)
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
DYNAMIC STABILITY
FLEXIBLE SPACECRAFT
FLUTTER
∞MOTION
MOTION STABILITY
OSCILLATIONS
SIDESLIP
STABILITY
TUMBLING MOTION
VIBRATION

SPACECRAFT ORBITAL ASSEMBLY

USE ORBITAL ASSEMBLY

SPACECRAFT ORBITS

GS ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
GEOSYNCHRONOUS ORBITS
PARKING ORBITS
POLAR ORBITS
STATIONARY ORBITS
TWENTY-FOUR HOUR ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER
ORBITS
TROJAN ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
PLANETARY ORBITS
SOLAR ORBITS

SPACECRAFT PERFORMANCE

RT ASTRONAUT PERFORMANCE
∞PERFORMANCE

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SPACECRAFT PERFORMANCE-(CONT) POSTLAUNCH REPORTS

SPACECRAFT POSITION INDICATORS

GS AIRCRAFT INSTRUMENTS
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
DISPLAY DEVICES
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
POSITION INDICATORS
SPACECRAFT POSITION
INDICATORS
SPACECRAFT INSTRUMENTS
SPACECRAFT POSITION INDICATORS
RT FLIGHT INSTRUMENTS
HEAD-UP DISPLAYS
ORBITAL POSITION ESTIMATION
SPACE NAVIGATION

SPACECRAFT POWER SUPPLIES

GS ELECTRIC POWER SUPPLIES
SPACECRAFT POWER SUPPLIES
RT AUXILIARY POWER SOURCES
CRYOCYCLE PRINCIPLE
DIRECT POWER GENERATORS
ELECTRIC BATTERIES
ENERGY SOURCES
NICKEL HYDROGEN BATTERIES
NUCLEAR AUXILIARY POWER UNITS
POWER MODULES (STS)
POWER SUPPLIES
PROPELLANTS

SPACECRAFT PRELAUNCH TESTS

USE SPACE VEHICLE CHECKOUT PROGRAM

SPACECRAFT PROPULSION

GS PROPULSION
SPACECRAFT PROPULSION
ELECTROMAGNETIC PROPULSION
MASS DRIVERS (PAYLOAD
DELIVERY)
ELECTROSTATIC PROPULSION
ION PROPULSION
PHOTONIC PROPULSION
PLASMA PROPULSION
SOLAR PROPULSION
SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION
RT CHEMICAL PROPULSION
DESCENT PROPULSION SYSTEMS
ELECTRIC PROPULSION
LASER PROPULSION
LOW THRUST PROPULSION
MAGNETOPLASMA DYNAMICS
NUCLEAR ELECTRIC PROPULSION
NUCLEAR PROPULSION
POST BOOST PROPULSION SYSTEM
PROPELLANTS
ROCKET ENGINES
ROVER PROJECT
SOLAR SAILS
SPACE FLIGHT
SPACE TUGS

SPACECRAFT RADIATORS

UF SPACE RADIATORS
GS HEAT RADIATORS
SPACECRAFT RADIATORS
RT CONDENSERS (LIQUEFIERS)
COOLING
COOLING SYSTEMS
RADIATIVE HEAT TRANSFER
SOLAR REFLECTORS

SPACECRAFT RECOVERY

UF SATELLITE CAPTURE
SNATCHING
RT BOOSTER RECOVERY
DISCOVERER RECOVERY CAPSULES
RECOVERABLE SPACECRAFT
RECOVERY
RECOVERY PARACHUTES
RECOVERY ZONES
RESCUE OPERATIONS
REUSABLE LAUNCH VEHICLES
SPACE SHUTTLE ORBITERS
SPACE SHUTTLES
WATER LANDING

SPACECRAFT REENTRY

GS ATMOSPHERIC ENTRY

SPACECRAFT REENTRY-(CONT)

REENTRY

SPACECRAFT REENTRY UNCONTROLLED REENTRY (SPACECRAFT)

SPACE FLIGHT
SPACECRAFT REENTRY
RT EARTH-VENUS TRAJECTORIES
ENTRY GUIDANCE (STS)
FLIGHT MECHANICS
HYPERSONIC REENTRY
LIFTING REENTRY VEHICLES
MANNED REENTRY
RETURN TO EARTH SPACE FLIGHT
SATELLITE LIFETIME

SPACECRAFT RELIABILITY

GS RELIABILITY
SPACECRAFT RELIABILITY
RT CIRCUIT RELIABILITY
COMPONENT RELIABILITY
CONTROLLABILITY
PRELAUNCH PROBLEMS
QUALITY CONTROL
SPACECRAFT MAINTENANCE

SPACECRAFT RENDEZVOUS

USE SPACE RENDEZVOUS

SPACECRAFT SENSORS

USE SPACECRAFT INSTRUMENTS

SPACECRAFT SHIELDING

GS SHIELDING
SPACECRAFT SHIELDING
RT HEAT SHIELDING
INSULATED STRUCTURES
METEOROID PROTECTION
NOSE CONES
RADIATION SHIELDING
RADIO FREQUENCY SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
SAFETY DEVICES
SOLAR RADIATION SHIELDING

SPACECRAFT STABILITY

UF SATELLITE ATTITUDE DISTURBANCE
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
SPACECRAFT STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
SPACECRAFT STABILITY
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
COUNTERBALANCES
DIRECTIONAL STABILITY
DISCOS (SATELLITE ATTITUDE
CONTROL)
DUAL SPIN SPACECRAFT
LATERAL STABILITY
LIQUID SLOSHING
LONGITUDINAL STABILITY
LOW SPEED STABILITY
NUTATION DAMPERS
SATELLITE PERTURBATION
TUMBLING MOTION
WIND TUNNEL STABILITY TESTS

SPACECRAFT STERILIZATION

GS STERILIZATION
SPACECRAFT STERILIZATION
RT CHEMICAL STERILIZATION
EXOBIOLOGY
PLANETARY QUARANTINE
PURIFICATION
STERILIZATION EFFECTS

SPACECRAFT STRUCTURES

GS SPACECRAFT STRUCTURES
MARS 3 SPACECRAFT
RT AIRCRAFT STRUCTURES
FOLDING STRUCTURES
FUEL TANKS
MARS 3 SPACECRAFT
METEOROID PROTECTION
ORBITAL ASSEMBLY
ROCKET ENGINES
SATELLITE DESIGN

SPACECRAFT TRAJECTORIES

SPACECRAFT STRUCTURES-(CONT)

SPACE ERECTABLE STRUCTURES STRUCTURAL DESIGN STRUCTURES

SPACECRAFT SURVIVABILITY

RT AIRCRAFT SURVIVABILITY
SPACECRAFT DEFENSE
SURVIVAL
UNCONTROLLED REENTRY
(SPACECRAFT)
VULNERABILITY

SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
SATELLITE TELEVISION
TELECOMMUNICATION
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
SATELLITE TELEVISION
TELEVISION SYSTEMS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
SATELLITE TELEVISION
RT COLOR TELEVISION
SATELLITE TRANSMISSION
STEREOTELEVISION
TELEVISION TRANSMISSION

SPACECRAFT TEMPERATURE

RT HEAT PIPES
SATELLITE TEMPERATURE
SPACECRAFT DESIGN
TEMPERATURE CONTROL

SPACECRAFT TRACKING

GS TRACKING (POSITION)
SPACECRAFT TRACKING
SATELLITE TRACKING
SATELLITE-TO-SATELLITE TRACKING
RT ADVANCED RANGE INSTRUMENTATION
SHIP
DEEP SPACE NETWORK
MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
POLYSTATION DOPPLER TRACKING
SYSTEM
RADAR TRACKING
RADIO TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)
TRACKING NETWORKS
TRACKING STATIONS
TRANSPONDER CONTROL GROUP
UNIFIED S BAND

SPACECRAFT TRACKING AND DATA NETWORK

USE STDN (NETWORK)

SPACECRAFT TRAJECTORIES

GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
EARTH-VENUS TRAJECTORIES
INTERPLANETARY TRAJECTORIES
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
EARTH-MOON TRAJECTORIES
MOON-EARTH TRAJECTORIES
RT ASCENT TRAJECTORIES
DESCENT TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
FLIGHT MECHANICS
GODDARD TRAJECTORY
DETERMINATION SYSTEM
HYPERBOLIC TRAJECTORIES
INTERORBITAL TRAJECTORIES
LUNAR ORBITAL RENDEZVOUS
MOTION
ORBITAL RENDEZVOUS
RADIO OCCULTATION
REENTRY TRAJECTORIES
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES

SPACECREW TRANSFER

SPACECREW TRANSFER

UF INTERVEHICLE SPACECREW TRANSFER
RT APOLLO SOYUZ TEST PROJECT
COMMAND MODULES
MANNED SPACE FLIGHT
RENDEZVOUS SPACECRAFT
SPACE LOGISTICS

SPACECREWS

GS PERSONNEL
CREWS
FLIGHT CREWS
SPACECREWS
FLYING PERSONNEL
FLIGHT CREWS
SPACECREWS
RT ASTRONAUTS
COSMONAUTS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
CREW STATIONS
CREW WORKSTATIONS
SPACE HABITATS

SPACELAB

GS PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACELAB
RT ADVANCED TECHNOLOGY LABORATORY
ANNULAR SUSPENSION AND POINTING
SYSTEM
EXPOS (SPACELAB PAYLOAD)
GEOPHYSICAL FLUID FLOW CELLS
GRIST (TELESCOPE)
LIRTS (TELESCOPE)
NASA PROGRAMS
OSTA-2 PAYLOAD
SEPAC (PAYLOAD)
SKYLAB PROGRAM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS
STARLAB

SPACELAB PAYLOADS

GS PAYLOADS
SPACELAB PAYLOADS
ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
GEOPHYSICAL FLUID FLOW CELLS
SOLAR CELL CALIBRATION FACILITY
RT ANNULAR SUSPENSION AND POINTING
SYSTEM
SORTIE SYSTEMS

SPACELAB SIMULATION FLIGHTS

USE ASSESS PROGRAM

SPACELAB UV-OPTICAL TELESCOPE FACILITY

USE STARLAB

SPACERS

RT BUSHINGS
DIVIDERS
FASTENERS
INSERTS
ISOLATORS
SEPARATORS
SPACING
WASHERS (SPACERS)

SPACETENNAS

GS ANTENNAS
RADIO ANTENNAS
MICROWAVE ANTENNAS
SPACETENNAS
MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
SPACETENNAS
RT MICROWAVE TRANSMISSION
RECTENNAS

SPACING

GS **SPACING**
AIRCRAFT APPROACH SPACING
RT ALTITUDE CONTROL
ATTITUDE CONTROL
CLEARANCES
INTERVALS
ISOLATION
POSITIONING
∞ SEPARATION
SPACERS

SPACING-(CONT) THICKNESS

SPADATS (TRACKING SYSTEM)

USE SPACE DETECTION AND TRACKING
SYSTEM

SPAIN

GS NATIONS
SPAIN
RT ANDORRA
EUROPE
PYRENEES MOUNTAINS (EUROPE)
SPANISH SAHARA

SPALLATION

GS NUCLEAR RADIATION
SPALLATION
NUCLEAR REACTIONS
SPALLATION
RT PARTICLE PRODUCTION

SPALLING

RT CHIPPING
FLAKING
FRACTURING
FRAGMENTATION
NUCLEAR REACTIONS
WEAR
WEAR TESTS

∞ SPAN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ASPECT RATIO
DIMENSIONS
LIFE SPAN
WIDTH
WING SPAN

SPANISH SAHARA

RT AFRICA
NATIONS
SPAIN

SPANLOADER AIRCRAFT

GS TRANSPORT AIRCRAFT
CARGO AIRCRAFT
SPANLOADER AIRCRAFT
RT ∞ AIRCRAFT
SUPERCRITICAL WINGS
SWEEP WINGS

SPANWISE BLOWING

GS **SPANWISE BLOWING**
BLOWING
RT CROSS FLOW
EXTERNALLY BLOWN FLAPS
JET FLOW
LIFT AUGMENTATION
PRESSURE DISTRIBUTION
WING SPAN

SPAR (ROCKET)

USE SPACE PROCESSING APPLICATIONS
ROCKET

SPARE PARTS

RT ∞ COMPONENTS
DAMAGE ASSESSMENT
DOWNTIME
ENGINE PARTS
INVENTORY MANAGEMENT
LOGISTICS MANAGEMENT
MAINTENANCE
MODULES
REDUNDANT COMPONENTS
RETIREMENT FOR CAUSE

SPARK CHAMBERS

GS IONIZATION CHAMBERS
SPARK CHAMBERS
MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
SPARK CHAMBERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
SPARK CHAMBERS
RT BUBBLE CHAMBERS
∞ CHAMBERS
CLOUD CHAMBERS
ELECTRIC SPARKS

NASA THESAURUS (VOLUME 1)

SPARK CHAMBERS-(CONT) NEUTRON COUNTERS

SPARK DISCHARGES

USE ELECTRIC SPARKS

SPARK GAPS

GS GAPS
SPARK GAPS
RT ARC GENERATORS
DIELECTRICS
ELECTRIC FIELDS
ELECTRIC SPARKS
ELECTRICAL FAULTS
MULTIPACTOR DISCHARGES
POTENTIAL GRADIENTS
TRIGATONS

SPARK IGNITION

GS IGNITION
SPARK IGNITION
RT COMBUSTION
ELECTRIC IGNITION
ELECTRIC SPARKS
EUDIOMETERS

SPARK MACHINING

UF ELECTROEROSION
ELECTROSTATIC EROSION
CUTTING
SPARK MACHINING
MACHINING
SPARK MACHINING
RT ELECTROFORMING
EROSION
METAL CUTTING
PIERCING

SPARK PLUGS

RT ARC GENERATORS
COMBUSTION CHAMBERS
ELECTRIC SPARKS
IGNITERS
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES

SPARK SHADOWGRAPH PHOTOGRAPHY

USE SHADOWGRAPH PHOTOGRAPHY

SPARKS

GS **SPARKS**
ELECTRIC SPARKS
RT IGNITION

SPARROW MISSILES

GS MISSILES
AIR TO AIR MISSILES
SPARROW MISSILES
SPARROW 2 MISSILE
SPARROW 3 MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SPARROW 2 MISSILE

GS MISSILES
AIR TO AIR MISSILES
SPARROW MISSILES
SPARROW 2 MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SPARROW 3 MISSILE

GS MISSILES
AIR TO AIR MISSILES
SPARROW MISSILES
SPARROW 3 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

SPARTAN MISSILE

GS MISSILES
ANTIMISSILE MISSILES
SPARTAN MISSILE
RT NIKE-ZEUS MISSILE
SENTINEL SYSTEM
SPRINT MISSILE
SURFACE TO AIR MISSILES

SPARTAN SATELLITES

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
SPARTAN SATELLITES
RT ASTROPHYSICS
SOLAR PHYSICS
ULTRAVIOLET ASTRONOMY

SPAS (ESA PLATFORMS)
 USE SHUTTLE PALLET SATELLITES

SPASMS
 GS MUSCULAR FUNCTION
 SPASMS
 RT CONTRACTION
 INVOLUNTARY ACTIONS
 MUSCLES

SPATIAL DEPENDENCIES
 GS DEPENDENCE
 SPATIAL DEPENDENCIES

SPATIAL DISTRIBUTION
 UF MOLIERE FORMULA
 SPATIAL ISOTROPY
 GS DISTRIBUTION (PROPERTY)
 SPATIAL DISTRIBUTION
 STAR DISTRIBUTION
 RT ANISOTROPY
 ION DISTRIBUTION
 METEOROID CONCENTRATION
 PARTICLE DENSITY (CONCENTRATION)
 POSITION (LOCATION)
 STEREOCHEMISTRY
 TEMPORAL DISTRIBUTION
 VERTICAL DISTRIBUTION

SPATIAL FILTERING
 GS FILTRATION
 SPATIAL FILTERING
 RT ABERRATION
 ATTENUATION
 AUGMENTATION
 BLURRING
 ∞ FILTERS
 HOLOGRAPHY
 IMAGES
 ∞ NOISE
 PHOTOGRAPHS
 PHOTOINTERPRETATION
 PLANE WAVES
 RESOLUTION

SPATIAL ISOTROPY
 USE ISOTROPY
 SPATIAL DISTRIBUTION

SPATIAL MARCHING
 RT ACOUSTIC DUCTS
 DUCT GEOMETRY
 NUMERICAL ANALYSIS
 TIME MARCHING

SPATIAL ORIENTATION
 USE ATTITUDE (INCLINATION)

SPATIAL RESOLUTION
 GS RESOLUTION
 SPATIAL RESOLUTION
 RT ATMOSPHERIC CORRECTION
 HIGH RESOLUTION
 IMAGE PROCESSING
 IMAGE RESOLUTION
 IMAGING TECHNIQUES
 SPECTRAL RESOLUTION
 TEMPORAL RESOLUTION

SPECIES DIFFUSION
 GS DIFFUSION
 SPECIES DIFFUSION
 RT EVOLUTION (DEVELOPMENT)
 GENETICS

SPECIFIC GRAVITY
 USE DENSITY (MASS/VOLUME)

SPECIFIC HEAT
 UF DEBYE TEMPERATURE
 HEAT CAPACITY
 GS THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
 SPECIFIC HEAT
 HEAT OF SOLUTION
 RT ENTHALPY
 EQUIPARTITION THEOREM
 GRUNEISEN CONSTANT
 HEAT BUDGET
 HEAT OF FUSION
 ION TEMPERATURE
 LEWIS NUMBERS
 MELTING POINTS
 NEEL TEMPERATURE

SPECIFIC HEAT-(CONT)
 THERMAL CONDUCTIVITY
 THERMAL RESISTANCE

SPECIFIC IMPULSE
 RT IMPULSES
 MASS FLOW RATE
 PROPELLANT MASS RATIO
 PROPELLANTS
 PROPULSION SYSTEM PERFORMANCE
 PROPULSIVE EFFICIENCY
 ROCKET PROPELLANTS
 ROCKET THRUST
 THERMODYNAMIC EFFICIENCY
 THRUST

SPECIFICATIONS
 GS **SPECIFICATIONS**
 AIRCRAFT SPECIFICATIONS
 EQUIPMENT SPECIFICATIONS
 FUNCTIONAL DESIGN SPECIFICATIONS
 RT AIRCRAFT PERFORMANCE
 COMMONALITY
 DRAWINGS
 INSPECTION
 MAINTENANCE
 ∞ MATERIALS TESTS
 MECHANICAL PROPERTIES
 NAMING
 PERFORMANCE TESTS
 PROCESS CONTROL (INDUSTRY)
 PROCUREMENT
 QUALITY
 QUALITY CONTROL
 RELIABILITY
 REQUIREMENTS
 STANDARDIZATION
 STANDARDS
 TECHNICAL WRITING
 TOLERANCES (MECHANICS)
 USER REQUIREMENTS

SPECIMEN GEOMETRY
 GS GEOMETRY
 SPECIMEN GEOMETRY
 RT FATIGUE TESTS
 LOAD TESTS
 MECHANICAL PROPERTIES
 TENSILE TESTS

SPECIMENS
 RT MARS SURFACE SAMPLES
 SAMPLES
 SAMPLING

SPECKLE PATTERNS
 RT DIFFRACTION PATTERNS
 HOLOGRAPHY
 LASER OUTPUTS
 LIGHT SCATTERING
 ∞ PATTERNS
 SURFACE ROUGHNESS EFFECTS

SPECTRA
 UF OPTICAL SPECTRUM
 GS **SPECTRA**
 ABSORPTION SPECTRA
 FRAUNHOFER LINES
 HERZBERG BANDS
 TELLURIC LINES
 ATOMIC SPECTRA
 CONTINUOUS SPECTRA
 ENERGY SPECTRA
 ELECTRONIC SPECTRA
 NEUTRON SPECTRA
 MASS SPECTRA
 MOLECULAR SPECTRA
 ELECTRONIC SPECTRA
 RAMAN SPECTRA
 VIBRATIONAL SPECTRA
 NOISE SPECTRA
 OXYGEN SPECTRA
 PLASMA SPECTRA
 POWER SPECTRA
 CEPSTRA
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 GAMMA RAY SPECTRA
 INFRARED SPECTRA
 LINE SPECTRA
 BALMER SERIES
 D LINES
 ELECTRONIC SPECTRA
 FRAUNHOFER LINES
 H LINES

SPECTRA-(CONT)
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 TELLURIC LINES
 RADIO SPECTRA
 MICROWAVE SPECTRA
 RAMAN SPECTRA
 STELLAR SPECTRA
 SOLAR SPECTRA
 UVB SPECTRA
 ULTRAVIOLET SPECTRA
 VIBRATIONAL SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA
 EMISSION SPECTRA
 HERZBERG BANDS
 SHOCK SPECTRA
 SPECTRAL BANDS
 FRAUNHOFER LINES
 HERZBERG BANDS
 PHOTOLUMINESCENT BANDS
 SCHUMANN-RUNGE BANDS
 SWAN BANDS
 TELLURIC LINES
 VEGARD-KAPLAN BANDS
 RT ASTRONOMICAL SPECTROSCOPY
 COLOR
 EXCITONS
 FLUX DENSITY
 GAMMA RAY SPECTRA
 GAMMA RAY SPECTROMETERS
 ISOELECTRONIC SEQUENCE
 SPECTRAL SENSITIVITY
 SPECTRAL SHIFT CONTROL
 SPECTRAL THEORY
 SPECTROGRAMS
 SPECTROGRAPHS
 SPECTROMETERS
 SPECTROSCOPY
 SPECTRUM ANALYSIS
 TRANSITION PROBABILITIES

SPECTRAL ABSORPTION
 USE ABSORPTION SPECTRA

SPECTRAL ANALYSIS
 * USE SPECTRUM ANALYSIS

SPECTRAL BANDS
 GS SPECTRA
 SPECTRAL BANDS
 FRAUNHOFER LINES
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 PHOTOLUMINESCENT BANDS
 SCHUMANN-RUNGE BANDS
 SWAN BANDS
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 RT BAND RATIOING
 ∞ BANDS
 ELECTRONIC SPECTRA
 ENERGY BANDS
 FREQUENCIES
 LINE SPECTRA
 VISIBLE SPECTRUM
 WHITE NOISE

SPECTRAL CORRELATION
 GS CORRELATION
 SPECTRAL CORRELATION
 RT ELECTROMAGNETIC SPECTRA
 SPECTROPHOTOGRAPHY

SPECTRAL EMISSION
 GS DECAY
 EMISSION
 SPECTRAL EMISSION
 RT CONTINUOUS SPECTRA
 ELECTROMAGNETIC RADIATION
 EMITTANCE
 INCANDESCENCE
 LIGHT EMISSION
 LINE SPECTRA
 NONGRAY GAS
 ∞ RADIATION
 SPECTROGRAMS
 SPECTROSCOPY
 SPECTRUM ANALYSIS
 SPONTANEOUS EMISSION
 WAVELENGTHS

SPECTRAL ENERGY DISTRIBUTION

SPECTRAL ENERGY DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
ENERGY DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
RT ∞ DISTRIBUTION
ELECTROMAGNETIC RADIATION
ENERGY SPECTRA
FINE STRUCTURE
LINE SPECTRA

SPECTRAL LINE WIDTH
GS BANDWIDTH
SPECTRAL LINE WIDTH
RT LINE SPECTRA
OSCILLATOR STRENGTHS

SPECTRAL LINES
USE LINE SPECTRA

SPECTRAL METHODS
RT COMPUTATIONAL FLUID DYNAMICS
DIFFERENTIAL EQUATIONS
SPECTRUM ANALYSIS

SPECTRAL NOISE
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SPECTRAL RECONNAISSANCE
GS RECONNAISSANCE
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RT EARTH RESOURCES
ELECTROMAGNETIC SPECTRA
MULTISPECTRAL BAND SCANNERS
MULTISPECTRAL PHOTOGRAPHY
MULTISPECTRAL RADAR
PHOTORECONNAISSANCE
RADAR PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPECTROPHOTOGRAPHY

SPECTRAL REFLECTANCE
GS SURFACE PROPERTIES
SPECTRAL REFLECTANCE
RT ELECTROMAGNETIC PROPERTIES
PLANT STRESS
SPECTROMETERS
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VEGETATIVE INDEX

SPECTRAL RESOLUTION
GS RESOLUTION
SPECTRAL RESOLUTION
RT ANALOG COMPUTERS
LINE SPECTRA
Q FACTORS
RADAR RESOLUTION
RADIOMETRIC RESOLUTION
SPATIAL RESOLUTION
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SPECTRAL SENSITIVITY
GS SENSITIVITY
SPECTRAL SENSITIVITY
RT ∞ FREQUENCY RESPONSE
INSTRUMENT ERRORS
PHOTOTHERMAL CONVERSION
SPECTRA

SPECTRAL SHIFT CONTROL
RT ∞ CONTROL
SPECTRA

SPECTRAL SHIFT CONTROL REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL REACTOR
RT ∞ CONTROL

SPECTRAL SIGNATURES
GS SIGNATURES
SPECTRAL SIGNATURES
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EMISSION SPECTRA
IDENTIFYING
OPTICAL MEASUREMENT
SPECTRUM ANALYSIS

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RT LYMAN SPECTRA
SPECTRA
 ∞ THEORIES

SPECTROGRAMS
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SPECTROGRAPHS
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RT SPECTRA
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SPECTROHELIOGRAPHS
UF HELIOGRAPHS
HELIOGRAPHY
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MEASURING INSTRUMENTS
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ACTINOMETERS
SPECTROHELIOGRAPHS
SPECTROMETERS
SPECTROHELIOGRAPHS
OPTICAL EQUIPMENT
SPECTROHELIOGRAPHS
SOLAR INSTRUMENTS
SPECTROHELIOGRAPHS
RT BLACK AND WHITE PHOTOGRAPHY
CORONAGRAPHS
SOLAR SPECTROMETERS
STARSAT TELESCOPE

SPECTROHELIOSCOPES
USE SPECTROHELIOGRAPHS

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UF SPECTROMETRY
SPECTROSCOPES
GS MEASURING INSTRUMENTS
SPECTROMETERS
EBERT SPECTROMETERS
FABRY-PEROT SPECTROMETERS
GAMMA RAY SPECTROMETERS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
LASER SPECTROMETERS
MASS SPECTROMETERS
MICROWAVE SPECTROMETERS
NEUTRON SPECTROMETERS
SOLAR BACKSCATTER UV
SPECTROMETER
SOLAR SPECTROMETERS
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TIME OF FLIGHT SPECTROMETERS
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RT ACTINOMETERS
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MICHELSON INTERFEROMETERS
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PHOTOgoniometers
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SPECTRA
SPECTRAL REFLECTANCE
SPECTROGRAPHS
SPECTRORADIOMETERS
SPECTROSCOPIC ANALYSIS
SPECTROSCOPY
SPECTRUM ANALYSIS

SPECTROMETRY
USE SPECTROMETERS

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SPECTROPHOTOGRAPHY
GS IMAGERY
SPECTROPHOTOGRAPHY
PHOTOGRAPHY
SPECTROPHOTOGRAPHY
SPECTROSCOPY
SPECTROPHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
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INFRARED SPECTROPHOTOMETERS
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SPECTROPHOTOMETERS
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ACTINOMETERS
SPECTROPHOTOMETERS
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ULTRAVIOLET
SPECTROPHOTOMETERS
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RT ASTRONOMICAL PHOTOMETRY
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SPECTROPHOTOVOLTAICS
RT ENERGY CONVERSION EFFICIENCY
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SPECTROPOLARIMETERS
USE POLARIMETERS

SPECTRORADIOMETERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
SPECTRORADIOMETERS
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SPECTROPHOTOMETERS

SPECTROSCOPES
USE SPECTROMETERS

SPECTROSCOPIC ANALYSIS
SN (FOR SPECTROSCOPIC TOOLS IN
CHEMICAL ANALYSIS)
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
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SPECTROSCOPIC ANALYSIS
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RT AUGER SPECTROSCOPY
AUROREAL SPECTROSCOPY
ELECTROPHOTOMETRY
FRAUNHOFER LINE DISCRIMINATORS
GAS SPECTROSCOPY
INFRARED SPECTROSCOPY
LASER SPECTROSCOPY
MAGNETIC SPECTROSCOPY
MASS SPECTROSCOPY
METALLICITY

SPECTROSCOPIC ANALYSIS-(CONT)

MICROANALYSIS
MOLECULAR SPECTROSCOPY
NEUTRON ACTIVATION ANALYSIS
NUCLEAR RADIATION SPECTROSCOPY
PHOTOELECTRON SPECTROSCOPY
QUALITATIVE ANALYSIS
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SPECTROPHOTOMETRY
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY
X RAY SPECTROSCOPY

SPECTROSCOPIC TELESCOPES

UF DIFFRACTION TELESCOPES
GS OPTICAL EQUIPMENT
ASTRONOMICAL TELESCOPES
SPECTROSCOPIC TELESCOPES
MULTISPECTRAL TRACKING
TELESCOPES
STRATOSCOPE TELESCOPES
TELESCOPES
ASTRONOMICAL TELESCOPES
SPECTROSCOPIC TELESCOPES
MULTISPECTRAL TRACKING
TELESCOPES
STRATOSCOPE TELESCOPES
RT ASTRONOMICAL SPECTROSCOPY
REFLECTING TELESCOPES
REFRACTING TELESCOPES
STELLAR SPECTROPHOTOMETRY

SPECTROSCOPY

GS **SPECTROSCOPY**
ABSORPTION SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
ASTRONOMICAL SPECTROSCOPY
AUGER SPECTROSCOPY
AURORAL SPECTROSCOPY
ELECTRON SPECTROSCOPY
GAS SPECTROSCOPY
FLAME SPECTROSCOPY
HOLOGRAPHIC SPECTROSCOPY
INFRARED SPECTROSCOPY
MAGNETIC SPECTROSCOPY
MASS SPECTROSCOPY
MOLECULAR SPECTROSCOPY
RAMAN SPECTROSCOPY
NUCLEAR RADIATION SPECTROSCOPY
OPTICAL EMISSION SPECTROSCOPY
LASER SPECTROSCOPY
PHOTOACOUSTIC SPECTROSCOPY
PHOTOELECTRON SPECTROSCOPY
RADIO SPECTROSCOPY
SPECTROPHOTOGRAPHY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
SPECTROSCOPIC ANALYSIS
FLAME SPECTROSCOPY
ULTRASONIC SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY
X RAY SPECTROSCOPY
RT CHEMICAL ANALYSIS
CINESPECTROGRAPHS
COLORIMETRY
ELECTROPHOTOMETRY
FRAUNHOFER LINE DISCRIMINATORS
ISOELECTRONIC SEQUENCE
LALLEMAND CAMERAS
∞ OPTICS
PHOTOMETRY
PRESSURE BROADENING
SPECTRA
SPECTRAL EMISSION
SPECTRAL REFLECTANCE
SPECTROGRAMS
SPECTROGRAPHS
SPECTROMETERS
SPECTROPHOTOMETERS
SPECTRUM ANALYSIS
TIME OF FLIGHT SPECTROMETERS
VISIBLE SPECTRUM
ZEEMAN EFFECT

SPECTRUM ANALYSIS

UF SPECTRAL ANALYSIS
GS **SPECTRUM ANALYSIS**
CEPSTRAL ANALYSIS
FLAME SPECTROSCOPY
MAXIMUM ENTROPY METHOD

SPECTRUM ANALYSIS-(CONT)

RT ABSORPTION SPECTRA
∞ ANALYZING
EMISSION SPECTRA
FREQUENCY ANALYZERS
FREQUENCY SCANNING
GAMMA RAY SPECTROMETERS
HOLOGRAPHIC SPECTROSCOPY
HYPERFINE STRUCTURE
KRAMERS-KRONIG FORMULA
LASER SPECTROSCOPY
LINE SPECTRA
MAGNETIC RESONANCE
OPTICAL RESONANCE
SIGNAL ANALYSIS
SPECTRA
SPECTRAL EMISSION
SPECTRAL METHODS
SPECTRAL REFLECTANCE
SPECTRAL RESOLUTION
SPECTRAL SIGNATURES
SPECTROGRAMS
SPECTROMETERS
SPECTROSCOPY
STARK EFFECT
TOROIDAL DISCHARGE
ULTRASONIC SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
ZEEMAN EFFECT

SPECTULAR REFLECTION

GS REFLECTION
SPECTULAR REFLECTION
RT DIFFUSE RADIATION
GLARE
MIRRORS

SPEECH

GS **SPEECH**
ARTICULATION
CONVERSATION
PHONEMES
PHONETICS
TALKING
WORDS (LANGUAGE)
SYLLABLES
RT ACOUSTICS
AUDITORY PERCEPTION
CONSONANTS (SPEECH)
ENGLISH LANGUAGE
LANGUAGES
LECTURES
LINGUISTICS
PHONEMICS
PUBLIC SPEAKING
SEMANTICS
SENTENCES
SYNTAX
VOICE
VOICE COMMUNICATION

SPEECH BASEBAND COMPRESSION

GS COMPRESSING
SPEECH BASEBAND COMPRESSION
RT BANDWIDTH
VERBAL COMMUNICATION
VOCODERS
VOICE COMMUNICATION
WAVEFORMS

SPEECH DEFECTS

GS DEFECTS
SPEECH DEFECTS
RT ARTICULATION
PHONEMICS
PHONETICS

SPEECH DISCRIMINATION

USE SPEECH RECOGNITION

SPEECH RECOGNITION

UF SPEECH DISCRIMINATION
GS INTELLIGIBILITY
SPEECH RECOGNITION
RECOGNITION
SPEECH RECOGNITION
RT CEPSTRAL ANALYSIS
PHONEMES
PHONETICS
SENSORY DISCRIMINATION
VOICE CONTROL

SPEECHES

USE LECTURES

SPEED

USE VELOCITY

SPEED CONTROL

UF SPEED REGULATION
RT AUTOMATIC CONTROL
∞ CONTROL
CONTROL EQUIPMENT
CONTROLLERS
ENGINE CONTROL
HELICOPTER CONTROL
MANUAL CONTROL
REGULATORS

SPEED INDICATORS

UF PRESTON TUBES
SPEEDOMETERS
GS AIRCRAFT INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
DISPLAY DEVICES
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
LASER ANEMOMETERS
SONIC ANEMOMETERS
TACHOMETERS
RT ACCELEROMETERS
APPROACH INDICATORS
FLIGHT INSTRUMENTS
FLOWMETERS
LANDING INSTRUMENTS
PITOT TUBES
VELOCITY MEASUREMENT

SPEED REGULATION

USE SPEED CONTROL

SPEED REGULATORS

UF GOVERNORS
GS CONTROL EQUIPMENT
SPEED REGULATORS
REGULATORS
SPEED REGULATORS
RT CONTROLLERS
ENGINES

SPEEDOMETERS

USE SPEED INDICATORS

SPENT FUELS

GS FUELS
NUCLEAR FUELS
SPENT FUELS
RT FUEL CAPSULES
NEUTRON SOURCES
∞ NUCLEAR ENERGY
NUCLEAR FUEL REPROCESSING
REACTOR MATERIALS
RECYCLING

SPERMATOCYTES

USE GAMETOCYTES

SPERMATOGENESIS

RT ABIOTIC GENESIS
GAMETOCYTES
SPERMATOZOA

SPERMATOZOA

RT FERTILIZATION
∞ REPRODUCTION
SPERMATOGENESIS

SPERT REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS

SPHALERITE

SPERT REACTORS-(CONT)

SPERT REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
SPERT REACTORS

SPHALERITE

USE ZINCBLLENDE

SPHERES

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
CELESTIAL SPHERE
CONCENTRIC SPHERES
FALLING SPHERES
POINCARÉ SPHERES
ROTATING SPHERES
RT AERODYNAMIC CONFIGURATIONS
ASPHERICITY
BALLS
CIRCLES (GEOMETRY)
EUCLIDEAN GEOMETRY
GEOMETRY
∞ GLOBES
GLOBULES
∞ HEMISPHERES
HEMISPHERICAL SHELLS
MICROBALLOONS
NODULES
OGIVES
SPHERICAL SHELLS
SPHEROIDS
SPHERULES

SPHERICAL ANTENNAS

GS ANTENNAS
SPHERICAL ANTENNAS
RT COMMUNICATION EQUIPMENT
ELECTRONIC EQUIPMENT

SPHERICAL CAPS

GS SHELLS (STRUCTURAL FORMS)
SPHERICAL SHELLS
SPHERICAL CAPS
RT ∞ CAPS
COVERINGS
NOSE CONES
SEALS (STOPPERS)

SPHERICAL COORDINATES

UF CURVILINEAR COORDINATES
GS COORDINATES
SPHERICAL COORDINATES
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
GEOCENTRIC COORDINATES
PLANETOCENTRIC COORDINATES
POLAR COORDINATES
POSITION (LOCATION)
∞ REFERENCE SYSTEMS

SPHERICAL HARMONICS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
SPHERICAL HARMONICS
FUNCTIONS (MATHEMATICS)
SPHERICAL HARMONICS
HARMONICS
SPHERICAL HARMONICS
RT LEGENDRE FUNCTIONS

SPHERICAL PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
SPHERICAL PLASMAS

SPHERICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
SPHERICAL SHELLS
SPHERICAL CAPS
RT BODIES OF REVOLUTION
CIRCULAR SHELLS
HEMISPHERICAL SHELLS
METAL SHELLS
REINFORCED SHELLS
ROTATING SPHERES
SPHERES
STRESSED-SKIN STRUCTURES
THIN WALLED SHELLS

SPHERICAL TANKS

GS TANKS (CONTAINERS)
SPHERICAL TANKS
RT FUEL TANKS
PRESSURE VESSELS
PROPELLANT TANKS
STORAGE TANKS

SPHERICAL WAVES

RT CYLINDRICAL WAVES
DIFFRACTION PATHS
DIFFRACTION PROPAGATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
HUYGENS PRINCIPLE
PLANE WAVES
POINT SOURCES
THREE DIMENSIONAL FLOW
∞ WAVES

SPHEROIDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
SPHEROIDS
OBLATE SPHEROIDS
PROLATE SPHEROIDS
RT FALLING SPHERES
GEOIDS
SPHERES

SPHEROMAKS

GS NUCLEAR REACTORS
FUSION REACTORS
SPHEROMAKS
RT DENSE PLASMAS
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC MIRRORS
PLASMA CURRENTS
∞ REACTORS
TOKAMAK DEVICES
TOROIDAL PLASMAS

SPHERULES

GS **SPHERULES**
SPHERULITES
RT CRYSTALS
SPHERES

SPHERULITES

GS CRYSTALS
CRYSTALLITES
SPHERULITES
SPHERULES
SPHERULITES
RT CRYSTAL STRUCTURE
MICROCRYSTALS
MICROSTRUCTURE
NODULES
ROSETTE SHAPES

SPHINX

SN (SPACE PLASMA HIGH VOLTAGE
INTERACTION EXPERIMENTS)RAFT)
UF SPACE PLASMA H/V INTERACTION
EXPERIMENTS
GS EXPERIMENTATION
SPHINX
RT HIGH ENERGY INTERACTIONS
PARTICLE INTERACTIONS
PLASMA INTERACTION EXPERIMENT
PLASMA-PARTICLE INTERACTIONS
PLASMAS (PHYSICS)
∞ RESEARCH PROJECTS

SPHYGMOGRAPHY

RT ARTERIES
BIOINSTRUMENTATION
BLOOD PRESSURE
HEART RATE
∞ MEASUREMENT
RECORDING INSTRUMENTS

SPICULES

GS STELLAR ACTIVITY
SOLAR ACTIVITY
SPICULES
RT CHROMOSPHERE
PHOTOSPHERE
SOLAR ATMOSPHERE

SPIDERS

GS ANIMALS
INVERTEBRATES

NASA THESAURUS (VOLUME 1)

SPIDERS-(CONT)

ARTHROPODS
SPIDERS

SPIKE ANTENNAS

USE MONOPOLE ANTENNAS

SPIKE NOZZLES

GS EXHAUST NOZZLES
SPIKE NOZZLES
RT CONICAL NOZZLES
NOZZLE GEOMETRY
∞ NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
∞ SPIKES

SPIKE POTENTIALS

GS POTENTIAL ENERGY
ELECTRIC POTENTIAL
SPIKE POTENTIALS
RT BIOELECTRICITY
DEPOLARIZATION
∞ SPIKES

∞ SPIKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FASTENERS
HOLDERS
MONOPOLE ANTENNAS
PINS
SPIKE NOZZLES
SPIKE POTENTIALS
SPIKES (AERODYNAMIC
CONFIGURATIONS)

SPIKES (AERODYNAMIC CONFIGURATIONS)

RT ∞ SPIKES
WIND TUNNELS

SPIKING

RT ELECTRON BEAM WELDING
MELTING
METAL CUTTING

SPILLING

RT DUMPING
EMPTYING
JETTISONING
OIL SLICKS
RELEASING
SPREADING

SPIN

GS **SPIN**
METAL SPINNING
HYDROSPINNING
PARTICLE SPIN
ELECTRON SPIN
ISOTOPIC SPIN
NUCLEAR SPIN
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
SPIN-SPIN COUPLING
RT ANGULAR MOMENTUM
NUCLEAR CAPTURE
SPINNERS
YO-YO DEVICES

SPIN DECOUPLING

GS DECOUPLING
SPIN DECOUPLING
RT PHOTOMAGNETIC EFFECTS

SPIN DYNAMICS

RT AIRCRAFT SPIN
ARTIFICIAL GRAVITY
DYNAMIC TESTS
∞ DYNAMICS
ELECTRON SPIN
GYRATION
LUNAR ROTATION
ROTATING MATTER

SPIN EXCHANGE

GS EXCHANGING
SPIN EXCHANGE
RT RESONANCE CHARGE EXCHANGE

SPIN FORGING

USE METAL SPINNING

SPIN GLASS

GS GLASS
SPIN GLASS
 RT AMORPHOUS MATERIALS
 MAGNETIC PROPERTIES
 METALLIC GLASSES
 SPIN-LATTICE RELAXATION
 SUPERCONDUCTIVITY

SPIN REDUCTION

UF DESPINNING
 JET DAMPING
 GS RATES (PER TIME)
 ACCELERATION (PHYSICS)
 DECELERATION
SPIN REDUCTION
 RT ANGULAR ACCELERATION
 DESTABILIZATION
 GRAVITY GRADIENT SATELLITES
 ∞ REDUCTION
 SATELLITE ROTATION
 YO-YO DEVICES

SPIN RESONANCE

GS RESONANCE
SPIN RESONANCE
 RT NUCLEAR MAGNETIC RESONANCE
 PARTICLE SPIN

SPIN STABILIZATION

GS STABILIZATION
SPIN STABILIZATION
 RT ATTITUDE CONTROL
 DUAL SPIN SPACECRAFT
 MISSILES
 OV-1 SATELLITES
 OV-2 SATELLITES
 OV-3 SATELLITES
 OV-4 SATELLITES
 OV-5 SATELLITES
 SATELLITE ORIENTATION
 SATELLITE ROTATION
 SATELLITES
 SPACE SHUTTLE UPPER STAGE D
 SPACE STATIONS

SPIN TEMPERATURE

SN (LIMITED TO ASTROPHYSICS)
 GS TEMPERATURE
SPIN TEMPERATURE
 RT ABSORPTION SPECTRA
 ASTROPHYSICS
 HYDROGEN CLOUDS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER

SPIN TESTS

UF WHIRLING TESTS
 RT ANGULAR MOMENTUM
 DYNAMIC TESTS
 ENVIRONMENTAL TESTS
 LOAD TESTS
 POLARIZATION (SPIN ALIGNMENT)
 ∞ TESTS
 WHIRL TOWERS

SPIN WAVES

USE MAGNONS

SPIN-LATTICE RELAXATION

GS MAGNETIC PROPERTIES
 MAGNETIC RELAXATION
SPIN-LATTICE RELAXATION
 RELAXATION (MECHANICS)
SPIN-LATTICE RELAXATION
 RT LATTICE VIBRATIONS
 NUCLEAR MAGNETIC RESONANCE
 RELAXATION TIME
 SPIN GLASS

SPIN-ORBIT INTERACTIONS

GS NUCLEAR REACTIONS
 NUCLEAR INTERACTIONS
SPIN-ORBIT INTERACTIONS
 ELECTRON CAPTURE
 PARTICLE INTERACTIONS
 NUCLEAR INTERACTIONS
SPIN-ORBIT INTERACTIONS
 ELECTRON CAPTURE
 SPIN
SPIN-ORBIT INTERACTIONS
 ELECTRON CAPTURE
 RT ∞ INTERACTIONS

SPIN-SPIN COUPLING

GS COUPLING
SPIN-SPIN COUPLING
 SPIN
SPIN-SPIN COUPLING
 RT COUPLES
 CROSS RELAXATION

SPINACH

GS FARM CROPS
SPINACH
 VEGETABLES
SPINACH
 RT ∞ FOOD
 PLANTS (BOTANY)

SPINAL CORD

GS NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
SPINAL CORD
 SPINE
 RT BONES
 BRAIN

SPINDLES

RT SHAFTS (MACHINE ELEMENTS)
 SPOOLS
 WINDING

SPINE

GS NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 SPINAL CORD
SPINE
 RT MUSCULOSKELETAL SYSTEM
 VERTEBRAE

SPINEL

GS MINERALS
SPINEL
 RT ALUMINATES
 FERRITES
 IGNEOUS ROCKS

SPINNERS

RT DIRECTIONAL ANTENNAS
 RADAR ANTENNAS
 SLEWING
 SPIN

SPINNING (METALLURGY)

USE METAL SPINNING

SPINNING SOLID UPPER STAGE

GS SPACE SHUTTLE UPPER STAGES
SPINNING SOLID UPPER STAGE
 RT BOOSTER ROCKET ENGINES
 UPPER STAGE ROCKET ENGINES

SPINNING UNGUIDED ROCKET TRAJECTORY

UF SPURT (TRAJECTORIES)
 GS TRAJECTORIES
SPINNING UNGUIDED ROCKET TRAJECTORY
 RT EQUATIONS OF MOTION
 MISSILE TRAJECTORIES
 ROTATING BODIES
 SYMMETRICAL BODIES

SPINOR GROUPS

GS ALGEBRA
 LIE GROUPS
SPINOR GROUPS
 GEOMETRY
 DIFFERENTIAL GEOMETRY
 LIE GROUPS
SPINOR GROUPS

SPIRAL ANTENNAS

GS ANTENNAS
SPIRAL ANTENNAS
 LOG SPIRAL ANTENNAS
 RT ANTENNA DESIGN
 BROADBAND
 TELEMETRY

SPIRAL GALAXIES

GS CELESTIAL BODIES
 GALAXIES
SPIRAL GALAXIES
 BARRED GALAXIES
 MILKY WAY GALAXY
 RT ANDROMEDA GALAXIES
 COROTATION

SPIRAL GALAXIES-(CONT)

DENSITY WAVE MODEL
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 LOCAL GROUP (ASTRONOMY)
 MAFFEI GALAXIES
 VIRGO GALACTIC CLUSTER

SPIRAL WRAPPING

RT COMPOSITE MATERIALS
 COMPOSITE WRAPPING
 ISOTENSOID STRUCTURES
 PACKAGING
 ∞ SPIRALS
 WINDING

 ∞ SPIRALS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CURVES (GEOMETRY)
 SPIRAL WRAPPING
 SPIRALS (CONCENTRATORS)

SPIRALS (CONCENTRATORS)

GS CONCENTRATORS
SPIRALS (CONCENTRATORS)
 SEPARATORS
SPIRALS (CONCENTRATORS)
 RT CLASSIFIERS
 ∞ SPIRALS

SPIROMETERS

RT HEART MINUTE VOLUME
 LUNGS
 RESPIRATORY RATE

SPIITSBERGEN (NORWAY)

RT ARCHIPELAGOES
 ARCTIC OCEAN
 OCEAN CURRENTS

SPLASHING

UF SWASH
 RT AGITATION
 SURFACE WAVES
 ULLAGE
 WATER LANDING

SPLEEN

GS ANATOMY
 ORGANS
SPLEEN
 VISCERA
 ORGANS
SPLEEN
 RT POLYCYTHEMIA

SPLICING

RT FASTENERS
 ∞ JOINING
 ∞ TAPES
 WIRING

SPLINE FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
SPLINE FUNCTIONS
 RT APPROXIMATION
 MATRIX METHODS

SPLINES

RT COUPLINGS
 FASTENERS
 HOLDERS

SPLINTS

RT BONES
 CASTS
 FIRST AID

SPLIT FLAPS

GS AIRFOILS
 FLAPS (CONTROL SURFACES)
SPLIT FLAPS
 BRAKES (FOR ARRESTING MOTION)
 AERODYNAMIC BRAKES
SPLIT FLAPS
 AIRCRAFT BRAKES
SPLIT FLAPS
 CONTROL SURFACES
 FLAPS (CONTROL SURFACES)
SPLIT FLAPS
 DRAG DEVICES
 AERODYNAMIC BRAKES

SPLITS (GEOLOGY)**SPLIT FLAPS-(CONT)**

RT SPLIT FLAPS
JET FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
WING FLAPS

SPLITS (GEOLOGY)

USE GEOLOGICAL FAULTS

SPLITTING

RT CHIPPING
CUTTING
FISSION
FLAKING
FRACTURING
LASER CUTTING
∞ SEPARATION
SLICING

SPODUMENE

GS ALUMINUM COMPOUNDS
SPODUMENE
CHALCOGENIDES
OXIDES
SILICON OXIDES
SPODUMENE
LITHIUM COMPOUNDS
SPODUMENE
MINERALS
SPODUMENE
SILICON COMPOUNDS
SILICATES
SODIUM SILICATES
SPODUMENE
SILICON OXIDES
SPODUMENE
SODIUM COMPOUNDS
SODIUM SILICATES
SPODUMENE

SPOILER SLOT AILERONS

GS AIRFOILS
AILERONS
SPOILER SLOT AILERONS
CONTROL SURFACES
AILERONS
SPOILER SLOT AILERONS
RT SPOILERS

SPOILERS

GS AIRFOILS
SPOILERS
CONTROL SURFACES
SPOILERS
DRAG DEVICES
SPOILERS
RT AERODYNAMIC BRAKES
BOUNDARY LAYER CONTROL
DEFLECTORS
FLAPS (CONTROL SURFACES)
GUST ALLEVIATORS
LEADING EDGE SLATS
SPOILER SLOT AILERONS
VORTEX ALLEVIATION
WINGS

SPOKES

RT HUBS
WHEELS

SPONGES (MATERIALS)

SN (ORGANIC OPEN-CELL STRUCTURES)
RT ELASTOMERS
∞ MATERIALS
POLYURETHANE FOAM
POROUS MATERIALS

SPONTANEOUS COMBUSTION

GS COMBUSTION
SPONTANEOUS COMBUSTION
RT COMBUSTION TEMPERATURE
EXPLOSIONS
FIRE POINT
FIRE PREVENTION
FLAMMABILITY
FLASH POINT
FUEL COMBUSTION
HAZARDS
HYPERGOLIC ROCKET PROPELLANTS
IGNITION
IGNITION TEMPERATURE
PROPELLANT SENSITIVITY
PYROPHORIC MATERIALS

SPONTANEOUS EMISSION

GS DECAY
EMISSION
SPONTANEOUS EMISSION
RT ATOMIC ENERGY LEVELS
ELECTROMAGNETIC RADIATION
EMISSION SPECTRA
SPECTRAL EMISSION

SPOOLS

RT ∞ CONTAINERS
INSERTS
MAGAZINES (SUPPLY CHAMBERS)
REELS
SPINDLES

SPORADIC E LAYER

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
E REGION
SPORADIC E LAYER
RT E-1 LAYER
E-2 LAYER
MIDLATITUDE ATMOSPHERE

SPORADIC METEORIODS

SN (METEORIODS NOT ASSOCIATED WITH A
METEOROID SHOWER OR STREAM)
GS CELESTIAL BODIES
METEORIODS
SPORADIC METEORIODS
RT METEOR TRAILS
METEOROID CONCENTRATION

SPORES

GS ANIMALS
INVERTEBRATES
SPORES
MICROSPORES
FUNGI
SPORES
MICROSPORES
MICROORGANISMS
SPORES
MICROSPORES
RT PLANTS (BOTANY)
∞ REPRODUCTION
TETRAD THEORY

SPORTS MEDICINE

RT AEROSPACE MEDICINE
ATHLETES
CLINICAL MEDICINE
EXERCISE PHYSIOLOGY
MEDICAL SCIENCE
PHYSICAL FITNESS
PHYSIOLOGICAL EFFECTS

SPOT (FRENCH SATELLITE)

GS OBSERVATION
EARTH OBSERVATIONS (FROM SPACE)
SPOT (FRENCH SATELLITE)
SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
SPOT (FRENCH SATELLITE)
RT CROP IDENTIFICATION
EARTH RESOURCES
LAND USE
MAPPING
SOIL MAPPING
STEREOPHOTOGRAPHY

SPOT WELDS

GS JOINTS (JUNCTIONS)
METAL JOINTS
WELDED JOINTS
SPOT WELDS
RT ARC WELDING
BEADS
ELECTRIC WELDING
FUSION WELDING
PRESSURE WELDING
ULTRASONIC WELDING

SPRAY CHARACTERISTICS

RT ∞ CHARACTERISTICS
SPRAYERS
SPRAYING

SPRAY CONDENSERS

RT JET CONDENSERS
SPRAYERS

NASA THESAURUS (VOLUME 1)**SPRAY INGESTION**

RT GAS TURBINES
LANDING GEAR
SALT SPRAY TESTS

SPRAY NOZZLES

RT ANNULAR NOZZLES
CONICAL NOZZLES
FUEL INJECTION
FUEL SYSTEMS
INJECTORS
∞ NOZZLES
ORIFICES
SPRAYERS

SPRAYED COATINGS

UF SPRAYED PROTECTIVE COATINGS
GS COATINGS
SPRAYED COATINGS
RT CERAMIC COATINGS
FINISHES
LACQUERS
METAL COATINGS
PAINTS
PLASMA SPRAYING
PLASTIC COATINGS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
VARNISHES

SPRAYED PROTECTIVE COATINGS

USE PROTECTIVE COATINGS
SPRAYED COATINGS

SPRAYERS

UF SPRAYING APPARATUS
SPRAYS
RT ATOMIZERS
BLOWERS
COLLOIDAL GENERATORS
CONTACTORS
∞ CONTAINERS
∞ DIFFUSERS
DISPENSERS
DISTRIBUTORS
DROPS (LIQUIDS)
EJECTORS
FUEL SPRAYS
∞ JETS
MATERIALS HANDLING
MIXERS
∞ NOZZLES
PROPELLANT SPRAYS
SPRAY CHARACTERISTICS
SPRAY CONDENSERS
SPRAY NOZZLES
SPRAYING
VAPORIZERS

SPRAYING

GS SPRAYING
ARC SPRAYING
CROP DUSTING
FLAME SPRAYING
METAL SPRAYING
PLASMA SPRAYING
RT AERATION
AEROSOLS
ATOMIZING
BLOWING
COATING
COATINGS
DIFFUSION
DISPERSING
ENTRAINMENT
FORMING TECHNIQUES
FUMIGATION
LIQUID ATOMIZATION
METALLIZING
MIXING
PREMIXING
SEALING
SPRAY CHARACTERISTICS
SPRAYERS
SPRINKLING
VAPORIZING
WETTING

SPRAYING APPARATUS

USE SPRAYERS

SPRAYS

USE SPRAYERS

NASA THESAURUS (VOLUME 1)

SQUID (DETECTORS)

SPREAD F

RT F 2 REGION
IONOSPHERIC STORMS
MAGNETIC STORMS

SPREAD REFLECTION

GS REFLECTION
SPREAD REFLECTION
RT GLARE
INFRARED REFLECTION
OPTICAL REFLECTION
SCATTERING
SIGNAL REFLECTION
ULTRAVIOLET REFLECTION
WAVE REFLECTION

SPREAD SPECTRUM TRANSMISSION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
SPREAD SPECTRUM TRANSMISSION
RT COMMUNICATION
FREQUENCY HOPPING

SPREADING

RT ADHESION
COHESION
DIFFUSION
DISPERSING
DISPOSAL
DUMPING
EMPTYING
INTERFACIAL TENSION
INTERNAL PRESSURE
MATERIALS HANDLING
SCATTERING
∞SEPARATION
SPILLING
SWELLING
THROWING
UNLOADING

SPRING (SEASON)

GS SEASONS
SPRING (SEASON)
RT AUTUMN
SUMMER
WINTER

SPRINGS (ELASTIC)

RT ∞COILS
ENERGY STORAGE
FRAMES
OSCILLATION DAMPERS
OSCILLATIONS
RESILIENCE
SHOCK ABSORBERS
SUSPENSION SYSTEMS (VEHICLES)
VIBRATION ISOLATORS

SPRINGS (WATER)

GS * RESOURCES
EARTH RESOURCES
SPRINGS (WATER)
WATER
SPRINGS (WATER)
RT AQUIFERS
FRESH WATER
GROUND WATER
INLAND WATERS
LAKES
OASES
POTABLE WATER
WATER TABLES
WELLS

SPRINKLING

RT SCATTERING
SPRAYING
WETTING

SPRINT MISSILE

GS MISSILES
ANTIMISSILE MISSILES
SPRINT MISSILE
SURFACE TO AIR MISSILES
SPRINT MISSILE
RT NIKE-ZEUS MISSILE
SENTINEL SYSTEM
SOLID PROPELLANT ROCKET ENGINES
SPARTAN MISSILE

SPUR (REACTORS)

USE SPACE POWER UNIT REACTORS

SPURT (TRAJECTORIES)

USE SPINNING UNGUIDED ROCKET
TRAJECTORY

SPUTNIK SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 1 SATELLITE
SPUTNIK 2 SATELLITE
SPUTNIK 3 SATELLITE
SPUTNIK 4 SATELLITE
SPUTNIK 5 SATELLITE

SPUTNIK 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SPUTNIK 1 SATELLITE
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 1 SATELLITE

SPUTNIK 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
BIOSATELLITES
SPUTNIK 2 SATELLITE
METEOROLOGICAL SATELLITES
SPUTNIK 2 SATELLITE
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 2 SATELLITE
UNMANNED SPACECRAFT
BIOSATELLITES
SPUTNIK 2 SATELLITE

SPUTNIK 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
SPUTNIK 3 SATELLITE
METEOROLOGICAL SATELLITES
SPUTNIK 3 SATELLITE
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 3 SATELLITE

SPUTNIK 4 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 4 SATELLITE

SPUTNIK 5 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
SPUTNIK SATELLITES
SPUTNIK 5 SATELLITE
RT VENUS PROBES

SPUTTERING

GS **SPUTTERING**
MAGNETRON SPUTTERING
RT ARC WELDING
∞BOMBARDMENT
DEPOSITION

SPUTTERING-(CONT)

DUOPLASMATRONS
ELECTRON BOMBARDMENT
EMISSION
ION PLATING
ION SOURCES
METAL PARTICLES
PLASMA ETCHING
SURFACE FINISHING
THERMAL INSTABILITY

SPUTTERING GAGES

GS MEASURING INSTRUMENTS
SPUTTERING GAGES
RT METAL FILMS
THIN FILMS

SQUALLS

GS WIND (METEOROLOGY)
SQUALLS
RT GROUND WIND
STORMS (METEOROLOGY)

SQUAMA

RT FISHES

SQUARE WAVES

GS WAVEFORMS
SQUARE WAVES
RT FORM FACTORS
PULSE AMPLITUDE
PULSE DURATION
SAWTOOTH WAVEFORMS
TIME FUNCTIONS
WAVE FUNCTIONS
WAVE PROPAGATION
∞WAVES

SQUARE WELLS

RT ELECTRON MOBILITY
MAGNETIC FIELDS
PHOTOCONDUCTIVITY
VACANCIES (CRYSTAL DEFECTS)
WELLS

SQUARES (MATHEMATICS)

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
TETRAGONS
SQUARES (MATHEMATICS)

SQUEEZE FILMS

GS FLUID FILMS
SQUEEZE FILMS
RT BOUNDARY LUBRICATION
ELASTOHYDRODYNAMICS
∞FILMS
GAS BEARINGS
GAS LUBRICANTS
LIQUID-SOLID INTERFACES
LUBRICANTS
THIN FILMS
VISCOELASTICITY
VISCOUS FLUIDS

SQUEEZING

USE COMPRESSING

SQUELCH CIRCUITS

GS CIRCUITS
SQUELCH CIRCUITS
RT BACKGROUND NOISE
ELECTROMAGNETIC NOISE
NOISE REDUCTION
SILENCERS
SUPPRESSORS
SWITCHING CIRCUITS

SQUIBS

UF XM-6 SQUIB
XM-8 SQUIB
GS IGNITERS
SQUIBS
RT ELECTRIC IGNITION
IGNITION SYSTEMS
PRIMERS (EXPLOSIVES)
SOLID PROPELLANT IGNITION
STARTERS

SQUID (DETECTORS)

UF SUPERCONDUCTING QUANTUM
INTERFEROMETERS
RT ∞DETECTORS

SQUID PROJECT

SQUID (DETECTORS)-(CONT)

JOSEPHSON JUNCTIONS
MAGNETIC MEASUREMENT
QUANTUM COUNTERS
SUPERCONDUCTORS

SQUID PROJECT

GS PROGRAMS
PROJECTS
RT JET PROPULSION

SQUIRRELS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
SQUIRRELS
GROUND SQUIRRELS

SR (REACTORS)

USE SATURABLE REACTORS

SR-N2 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

SR-N3 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

SR-N5 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

SRE REACTOR

USE SODIUM REACTOR EXPERIMENT

SRET SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
SRET SATELLITES
SRET 1 SATELLITE
SRET 2 SATELLITE
METEOROLOGICAL SATELLITES
SRET SATELLITES
SRET 1 SATELLITE
SRET 2 SATELLITE
RT FRENCH SPACE PROGRAMS

SRET 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
SRET SATELLITES
SRET 1 SATELLITE
METEOROLOGICAL SATELLITES
SRET SATELLITES
SRET 1 SATELLITE
RT FRENCH SPACE PROGRAMS

SRET 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
SRET SATELLITES
SRET 2 SATELLITE
METEOROLOGICAL SATELLITES
SRET SATELLITES
SRET 2 SATELLITE

SRI LANKA

UF CEYLON
GS NATIONS
SRI LANKA

SS-11 MISSILE

GS MISSILES
SS-11 MISSILE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

SSGS (STANDARDIZED SPACE GUIDANCE)

USE STANDARDIZED SPACE GUIDANCE

SSUS-A

USE SPACE SHUTTLE UPPER STAGE A

SSUS-D

USE SPACE SHUTTLE UPPER STAGE D

ST LAWRENCE VALLEY (NORTH AMERICA)

GS LANDFORMS
ST LAWRENCE VALLEY (NORTH AMERICA)
VALLEYS

ST LAWRENCE VALLEY (NORTH-(CONT))

ST LAWRENCE VALLEY (NORTH AMERICA)

RT CANADA
MAINE
NEW HAMPSHIRE
NEW YORK
VERMONT

ST LOUIS-KANSAS CITY CORRIDOR (MO)

GS CORRIDORS
ST LOUIS-KANSAS CITY CORRIDOR (MO)
RT MISSOURI
REGIONAL PLANNING

ST VENANT FLEXURE PROBLEM

USE SAINT VENANT PRINCIPLE

STABILITY

UF INSTABILITY
GS STABILITY
ACOUSTIC INSTABILITY
BAROCLINIC INSTABILITY
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
CONTROL STABILITY
FREQUENCY STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
GOERTLER INSTABILITY
MAGNETOSPHERIC INSTABILITY
STATIC STABILITY
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
STORAGE STABILITY
SURFACE STABILITY
SYSTEMS STABILITY
THERMAL STABILITY
RT AMPLIFICATION
BALLAST (MASS)
COMPATIBILITY
CONTROLLABILITY
∞ DRIFT
DRIFT RATE
DURABILITY
DYNAMIC CHARACTERISTICS
EQUATIONS OF MOTION
∞ EQUILIBRIUM
METASTABLE STATE
QUALITY
RELIABILITY
∞ RESISTANCE
SAFETY FACTORS
SPACECRAFT MOTION
STABILIZERS (AGENTS)
STEADY STATE
TOLERANCES (MECHANICS)
TRESCA FLOW
UNITY
UNSTEADY STATE
VARIABILITY
VLASOV EQUATIONS
VULNERABILITY

STABILITY AUGMENTATION

GS AUGMENTATION
STABILITY AUGMENTATION
RT AERODYNAMIC STABILITY
AIRCRAFT CONTROL
ATTITUDE (INCLINATION)
AUTOMATIC CONTROL
CONTROL STABILITY
DIRECTIONAL STABILITY
FEEDBACK CONTROL
FLIGHT CONTROL
LATERAL OSCILLATION

NASA THESAURUS (VOLUME 1)

STABILITY AUGMENTATION-(CONT)

PITCH (INCLINATION)

STABILITY DERIVATIVES

UF AERODYNAMIC MOMENTS
GS MOMENTS
STABILITY DERIVATIVES
PITCHING MOMENTS
ROLLING MOMENTS
YAWING MOMENTS
RT COMPLEX VARIABLES
DAMPING
DIFFERENTIAL EQUATIONS
MOMENTS OF INERTIA
REAL VARIABLES
VECTOR ANALYSIS

STABILITY TESTS

GS STABILITY TESTS
FLIGHT STABILITY TESTS
WIND TUNNEL STABILITY TESTS
RT CORROSION TESTS
DAMPING TESTS
ELECTRONIC EQUIPMENT TESTS
FLIGHT TESTS
FUEL TESTS
GROUND TESTS
MISSILE TESTS
PROPELLANT TESTS
RESONANCE TESTING
∞ TESTS
VIBRATION TESTS

STABILIZATION

UF MISSILE STABILIZATION
GS STABILIZATION
SIGNAL STABILIZATION
SPIN STABILIZATION
THREE AXIS STABILIZATION
RT ACID BASE EQUILIBRIUM
BALANCING
CONSOLIDATION
∞ CONTROL
∞ EQUILIBRIUM
HEAT TREATMENT
HORIZONTAL ORIENTATION
LASER GYROSCOPES
STABILIZERS (AGENTS)
STRESS RELIEVING
VERTICAL ORIENTATION

STABILIZED PLATFORMS

RT GIMBALS
GYROSCOPIC STABILITY
GYROSTABILIZERS
INERTIAL GUIDANCE
∞ PLATFORMS
THREE AXIS STABILIZATION

∞ STABILIZERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT GYROSCOPES
SEA KEEPING
STABILIZERS (AGENTS)
STABILIZERS (FLUID DYNAMICS)

STABILIZERS (AGENTS)

RT ADDITIVES
∞ AGENTS
ANTICOAGULANTS
ANTIOXIDANTS
NEUTRALIZERS
PRESERVATIVES
RETARDANTS
STABILITY
STABILIZATION
∞ STABILIZERS

STABILIZERS (FLUID DYNAMICS)

UF HORIZONTAL STABILIZERS
VERTICAL STABILIZERS
GS STABILIZERS (FLUID DYNAMICS)
HORIZONTAL TAIL SURFACES
RT AERIAL RUDDERS
AIRFOILS
CONTROL SURFACES
∞ DYNAMICS
ELEVATORS (CONTROL SURFACES)
FINS
KEELS
RUDDERS
∞ STABILIZERS

STABILIZERS (FLUID DYNAMICS)-(CONT)

SWEPTBACK TAIL SURFACES
T TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

STABLE OSCILLATIONS

GS OSCILLATIONS
RT DYNAMIC STABILITY
FREQUENCY STABILITY
GYROSCOPIC STABILITY
MOTION STABILITY
NONSTABILIZED OSCILLATION
PILOT INDUCED OSCILLATION
RESONANT VIBRATION
TRANSVERSE OSCILLATION
UNDAMPED OSCILLATIONS
WING OSCILLATIONS

STACKING FAULT ENERGY

RT CRYSTAL DEFECTS
∞ ENERGY
TWINNING

STACKING FAULTS

USE CRYSTAL DEFECTS

STACKS

RT CHIMNEYS
CRYSTAL DEFECTS
MATERIALS HANDLING

STADAN (SATELLITE TRACKING NETWORK)

USE STDN (NETWORK)

STADIMETERS

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
RT RANGE FINDERS
SEXTANTS

STAGE SEPARATION

UF STAGING (ROCKETS)
RT BOOSTER ROCKET ENGINES
EXPENDABLE STAGES (SPACECRAFT)
INTERIM STAGES (SPACECRAFT)
LUNAR MODULE ASCENT STAGE
MISSILES
MULTISTAGE ROCKET VEHICLES
PROPELLANT MASS RATIO
ROCKET VEHICLES
∞ SEPARATION
SPACE SHUTTLE ASCENT STAGE
SUSTAINER ROCKET ENGINES
THRUST TERMINATION
UPPER STAGE ROCKET ENGINES

STAGGERING

RT ∞ CONFIGURATIONS
DISORIENTATION

STAGING (ROCKETS)

USE STAGE SEPARATION

STAGNATION FLOW

GS FLUID FLOW
INVISCID FLOW
STAGNATION FLOW
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
COMPRESSIBLE FLOW

STAGNATION POINT

UF STAGNATION REGION
RT FLUID DYNAMICS

STAGNATION PRESSURE

GS PRESSURE
STAGNATION PRESSURE
RT COMPRESSIBLE FLOW
INLET PRESSURE

STAGNATION REGION

USE STAGNATION POINT

STAGNATION TEMPERATURE

GS TEMPERATURE
STAGNATION TEMPERATURE
RT ADIABATIC FLOW
COMPRESSIBLE FLOW

STAGNATION TEMPERATURE-(CONT)

INVISCID FLOW

STAINING

RT CHEMICAL TESTS
DISCOLORATION
MARKING
METHYLENE
METHYLENE BLUE

STAINLESS STEELS

GS ALLOYS
IRON ALLOYS
STEELS
STAINLESS STEELS
AUSTENITIC STAINLESS STEELS
FERRITIC STAINLESS STEELS
MARTENSITIC STAINLESS STEELS
RT CHROMIUM ALLOYS
MARAGING STEELS
MOLYBDENUM ALLOYS
NICKEL ALLOYS
NICKEL STEELS

STAIRCASES

USE STAIRWAYS

STAIRSTEPS

RT BACKWARD FACING STEPS
FORMATIONS
∞ STEPS
TOPOGRAPHY

STAIRWAYS

UF STAIRCASES
RT ∞ BUILDINGS
ESCALATORS
LADDERS
TREADS

∞ STALLING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
ENGINE FAILURE

STAMPING

SN (EXCLUDES IDENTIFICATION MARKING)
GS FORMING TECHNIQUES
PRESSING (FORMING)
STAMPING
RT ∞ BLANKING
BLANKING (CUTTING)
COINING
COLD WORKING
DIES
DIMPLING
FORGING
HOT PRESSING
METAL WORKING
PUNCHES
SHEARING
SWAGING
UPSETTING

STANDARD ATMOSPHERES

USE REFERENCE ATMOSPHERES

STANDARD DEVIATION

GS MOMENTS
DISTRIBUTION MOMENTS
STANDARD DEVIATION
STATISTICAL ANALYSIS
STANDARD DEVIATION
RT CONFIDENCE LIMITS
ESTIMATING
HETEROGENEITY
QUALITY CONTROL
RANGE (EXTREMES)
VARIABILITY
VARIANCE (STATISTICS)

STANDARD LAUNCH VEHICLE 3

USE ATLAS SLV-3 LAUNCH VEHICLE

STANDARD LAUNCH VEHICLE 5

GS LAUNCH VEHICLES
STANDARD LAUNCH VEHICLES
STANDARD LAUNCH VEHICLE 5
ROCKET VEHICLES
STANDARD LAUNCH VEHICLES
STANDARD LAUNCH VEHICLE 5

STANDARD LAUNCH VEHICLES

UF SLV
GS LAUNCH VEHICLES
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE 5
ROCKET VEHICLES
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE 5
RT ATLAS D ICBM
∞ VEHICLES

STANDARDIZATION

GS STANDARDIZATION
COMMONALITY
RT CALIBRATING
METRICATION
NAMING
NUMERICAL CONTROL
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
QUALITY CONTROL
SPECIFICATIONS
STANDARDS
VARIABILITY

STANDARDIZED SPACE GUIDANCE

UF SSGS (STANDARDIZED SPACE
GUIDANCE)
GS GUIDANCE (MOTION)
STANDARDIZED SPACE GUIDANCE
RT SPACE NAVIGATION

STANDARDS

UF REFERENCES (STANDARDS)
GS STANDARDS
FREQUENCY STANDARDS
REFERENCE ATMOSPHERES
RT ACCEPTABILITY
ACCURACY
CALIBRATING
∞ CODES
CONVENTIONS
CRITERIA
INSPECTION
∞ MEASUREMENT
∞ MEASURES
METROLOGY
∞ PERFORMANCE
PERFORMANCE TESTS
QUALITY CONTROL
RELIABILITY
SAMPLING
SPECIFICATIONS
STANDARDIZATION
TEMPERATURE SCALES
TOLERANCES (MECHANICS)
VALIDITY
VALUE ENGINEERING

STANDING WAVE RATIOS

GS RATIOS
STANDING WAVE RATIOS
RT AMPLITUDES
ELECTRICAL PROPERTIES
SMITH CHART
TRANSMISSION LINES

STANDING WAVES

RT ANTINODES
BEAT FREQUENCIES
FREQUENCIES
HARMONICS
NODES (STANDING WAVES)
∞ RADIATION
RESONANT FREQUENCIES
VIBRATION
WAVELENGTHS
∞ WAVES

STANDS

USE SUPPORTS

STANNATES

GS TIN COMPOUNDS
STANNATES
RT ∞ OXYGEN COMPOUNDS

STANNIDES

GS TIN COMPOUNDS
STANNIDES
NIOBIUM STANNIDES
RT TIN ALLOYS

STANTON NUMBER

STANTON NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
STANTON NUMBER
RT FORCED CONVECTION
HEAT TRANSFER

STAPHYLOCOCCUS

GS MICROORGANISMS
BACTERIA
STAPHYLOCOCCUS
RT PLEUROTIN

STAR CLUSTERS

GS CELESTIAL BODIES
STAR CLUSTERS
PRAESEPE STAR CLUSTERS
VIRGO GALACTIC CLUSTER
RT BARRED GALAXIES
BINARY STARS
COLOR-MAGNITUDE DIAGRAM
DISK GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
GALAXIES
MAGELLANIC CLOUDS
METALLICITY
STARS
VIRGO GALACTIC CLUSTER

STAR DISTRIBUTION

UF STAR FIELDS
STELLAR FIELDS
GS DISTRIBUTION (PROPERTY)
SPATIAL DISTRIBUTION
STAR DISTRIBUTION
VERTICAL DISTRIBUTION
STAR DISTRIBUTION
RT ANGULAR DISTRIBUTION
ASTROLABES
BARRED GALAXIES
COSMOLOGY
GALACTIC CLUSTERS
GALACTIC EVOLUTION
GLOBULAR CLUSTERS
MASS DISTRIBUTION
RADIAL DISTRIBUTION
VIRGO GALACTIC CLUSTER

STAR FIELDS

USE STAR DISTRIBUTION

STAR TRACKERS

UF STAR TRACKING
GS TRACKING (POSITION)
STAR TRACKERS
CCD STAR TRACKER
RT ASTROGUIDE NAVIGATION SYSTEM
ASTROLABES
ATTITUDE CONTROL
CELESTIAL NAVIGATION
CHARGE INJECTION DEVICES
FLIGHT INSTRUMENTS
GUIDANCE SENSORS
INERTIAL NAVIGATION
MISSILE CONTROL
NAVIGATION
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SOLAR SENSORS
SPACECRAFT GUIDANCE

STAR TRACKING

USE STAR TRACKERS

STARCHES

GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
STARCHES
CARBOHYDRATES
POLYSACCHARIDES
STARCHES
RT CHITIN
 ∞ FOOD
SIZING MATERIALS

STARFIGHTER AIRCRAFT

USE F-104 AIRCRAFT

STARK EFFECT

RT ∞ EFFECTS
ELECTRIC FIELDS
ELECTRO-OPTICS
HYDROGEN PLASMA

STARK EFFECT-(CONT)

LINE SPECTRA
RESOLUTION
SPECTRUM ANALYSIS
ZEEMAN EFFECT

STARLAB

UF SPACELAB UV-OPTICAL TELESCOPE
FACILITY
GS PAYLOADS
STARLAB
RT ∞ OPTICS
SPACELAB

STARLIFTER AIRCRAFT

USE C-141 AIRCRAFT

STARS

GS CELESTIAL BODIES
STARS
COOL STARS
DOUBLE STARS
BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
DWARF NOVAE
DWARF STARS
DWARF NOVAE
FLARE STARS
RED DWARF STARS
SUBDWARF STARS
WHITE DWARF STARS
EARLY STARS
PROTOSTARS
T TAURI STARS
EXTARS
HERBIG-HARO OBJECTS
HOT STARS
B STARS
BLUE STARS
SYMBIOTIC STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
INFRARED STARS
LAMBDA TAURI STARS
LATE STARS
M STARS
FLARE STARS
MAGNETIC STARS
MAIN SEQUENCE STARS
PRE-MAIN SEQUENCE STARS
METALLIC STARS
NEUTRON STARS
PULSARS
OMICRON CETI STAR
PECULIAR STARS
SYMBIOTIC STARS
PRAESEPE STAR CLUSTERS
RADIO STARS
PULSARS
REFERENCE STARS
S STARS
GIANT STARS
RED GIANT STARS
CARBON STARS
SIGMA ORIONIS
SUBGIANT STARS
SUN
SUPERGIANT STARS
SUPERMASSIVE STARS
VAN BIESBROECK STAR
VARIABLE STARS
CATACLYSMIC VARIABLES
CEPHEID VARIABLES
NOVAE
DWARF NOVAE
HERCULES NOVA
SUPERNOVAE
SYMBIOTIC STARS
T TAURI STARS
WHITE HOLES (ASTRONOMY)
ZETA AURIGAE STAR
RT ARIES CONSTELLATION
ASTROLABES
BARRED GALAXIES
CELESTIAL MECHANICS
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
GALAXIES
LYRA CONSTELLATION
MAGELLANIC CLOUDS
METALLICITY

NASA THESAURUS (VOLUME 1)

STARS-(CONT)

MILKY WAY GALAXY
QUASARS
STAR CLUSTERS
STARSPOTS
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR CORES
STELLAR MAGNITUDE
STELLAR OSCILLATIONS
VIRGO GALACTIC CLUSTER

STARS (MATHEMATICS)

RT ∞ MATHEMATICS

STARSAT TELESCOPE

GS TELESCOPES
ASTRONOMICAL TELESCOPES
STARSAT TELESCOPE
REFLECTING TELESCOPES
STARSAT TELESCOPE
SPACEBORNE TELESCOPES
STARSAT TELESCOPE
RT CORONAGRAPHS
SPACEBORNE ASTRONOMY
SPECTROHELIOGRAPHS
ULTRAVIOLET ASTRONOMY

STARSITE PROGRAM

GS PROGRAMS
STARSITE PROGRAM
RT ARCHITECTURE
 ∞ BUILDINGS
COMMUNITIES
CONFERENCES
CONSTRUCTION
DECISION MAKING
 ∞ DEVELOPMENT
ENVIRONMENTAL ENGINEERING
INFORMATION RETRIEVAL
LAND USE
MANAGEMENT METHODS
NASA PROGRAMS
PLANNING
RECREATION
SHELTERS
SOCIAL FACTORS
TECHNOLOGY TRANSFER
URBAN DEVELOPMENT
URBAN PLANNING

STARSPOTS

GS STELLAR ACTIVITY
STARSPOTS
RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR ACTIVITY
STARS
STELLAR ATMOSPHERES
STELLAR LUMINOSITY
STELLAR MAGNETIC FIELDS
STELLAR RADIATION
SUNSPOT CYCLE
TWENTY-SEVEN DAY VARIATION

STARTERS

GS **STARTERS**
ENGINE STARTERS
RT ACTUATORS
IGNITION SYSTEMS
SQUIBS
STARTING

STARTING

GS **STARTING**
AIR START
RT ACTIVATION
ACTUATION
CYCLES
ELECTRIC IGNITION
ENGINE PRIMERS
EXCITATION
FIRING (IGNITING)
IGNITION
INITIATION
LAUNCHING
 ∞ PRIMING
REACTOR STARTUP TESTS
STARTERS
STIMULATION

STATE EQUATIONS

USE EQUATIONS OF STATE

STATE ESTIMATION

RT ALGORITHMS
KALMAN FILTERS
LINEAR SYSTEMS
ORBITAL POSITION ESTIMATION
STATE VECTORS
STOCHASTIC PROCESSES

STATE VECTORS

GS ALGEBRA
VECTOR SPACES
VECTORS (MATHEMATICS)
STATE VECTORS
RT OBSERVABILITY (SYSTEMS)
PHASE-SPACE INTEGRAL
STATE ESTIMATION
STEADY STATE
STRANGE ATTRACTORS

STATIC AERODYNAMIC CHARACTERISTICS

GS AERODYNAMIC CHARACTERISTICS
STATIC AERODYNAMIC CHARACTERISTICS
STATIC CHARACTERISTICS
STATIC AERODYNAMIC CHARACTERISTICS
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
∞ CHARACTERISTICS

STATIC ALTERNATORS

GS ELECTRIC GENERATORS
AC GENERATORS
STATIC ALTERNATORS
ROTATING GENERATORS
STATIC ALTERNATORS

STATIC CHARACTERISTICS

SN (EXCLUDES STATICS)
GS **STATIC CHARACTERISTICS**
STATIC AERODYNAMIC CHARACTERISTICS
RT STATIC LOADS
STATIC STABILITY
STATIC TESTS

STATIC DEFORMATION

GS DEFORMATION
STATIC DEFORMATION
RT CREEP PROPERTIES
MAXWELL-MOHR METHOD
SAINT VENANT PRINCIPLE

STATIC DISCHARGERS

UF ANTISTATIC DEVICES
GS DISCHARGERS
STATIC DISCHARGERS

STATIC ELECTRICITY

GS ELECTRICITY
STATIC ELECTRICITY
RT ATMOSPHERIC ELECTRICITY
ATMOSPHERICS
ELECTRIC CORONA
ELECTRIC FIELDS
ELECTRIC POTENTIAL
ELECTRIC SPARKS
ELECTROSTATIC CHARGE
ELECTROSTATICS
LIGHTNING
OPEN CIRCUIT VOLTAGE
SPACE CHARGE

STATIC FIRING

GS CAPTIVE TESTS
STATIC TESTS
STATIC FIRING
ENGINE TESTS
STATIC FIRING
FIRING (IGNITING)
TEST FIRING
STATIC FIRING
GROUND TESTS
PRELAUNCH TESTS
STATIC FIRING
NONDESTRUCTIVE TESTS
PRELAUNCH TESTS
STATIC FIRING
RT ROCKET FIRING

STATIC FRICTION

GS FRICTION
STATIC FRICTION
RT COEFFICIENT OF FRICTION

STATIC FRICTION-(CONT)

DRY FRICTION
FRICTION MEASUREMENT
KINETIC FRICTION
SLIDING
SLIDING FRICTION

STATIC INVERTERS

GS INVERTERS
STATIC INVERTERS
RT ELECTRIC GENERATORS

STATIC LOADS

UF DEADWEIGHT
GS LOADS (FORCES)
STATIC LOADS
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
BALLAST (MASS)
BENDING MOMENTS
COMPRESSION LOADS
CRITICAL LOADING
DYNAMIC LOADS
EDGE LOADING
LOADING MOMENTS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PRESSURE DISTRIBUTION
RANDOM LOADS
SAINT VENANT PRINCIPLE
STATIC CHARACTERISTICS
STRUCTURAL DESIGN CRITERIA
WING LOADING

STATIC MODELS

GS MODELS
STATIC MODELS
RT APPROXIMATION
DYNAMIC MODELS
OPTIMIZATION

STATIC PRESSURE

GS PRESSURE
STATIC PRESSURE
HYDROSTATIC PRESSURE
RT ISOSTATIC PRESSURE
PITOT TUBES
SOUND PRESSURE

STATIC STABILITY

GS STABILITY
STATIC STABILITY
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
RT AIRCRAFT STABILITY
COUNTERBALANCES
DRIFT (INSTRUMENTATION)
DYNAMIC STABILITY
MAGNETOHYDROSTATICS
STATIC CHARACTERISTICS
STORAGE STABILITY
STRATIFICATION
SURFACE STABILITY

STATIC TESTS

SN (ENCOMPASSES MATERIALS, ENGINE, AND VEHICLE TESTS)
GS CAPTIVE TESTS
STATIC TESTS
STATIC FIRING
RT COLD FLOW TESTS
COMPRESSION TESTS
CREEP TESTS
DYNAMIC TESTS
ENGINE TESTS
FATIGUE TESTS
GROUND TESTS
HARDNESS TESTS
INSPECTION
LOAD TESTS
∞ MATERIALS TESTS
MISSILE TESTS
NONDESTRUCTIVE TESTS
PREFIRING TESTS
PRELAUNCH TESTS
QUALITY CONTROL
RESONANCE TESTING
STATIC CHARACTERISTICS
TENSILE TESTS
TEST FIRING
∞ TESTS
VIBRATION TESTS
WEAR TESTS

STATIC THRUST

GS THRUST
STATIC THRUST
RT JET THRUST
ROCKET THRUST

STATICS

GS **STATICS**
AEROSTATICS
ELECTROSTATICS
HYDROSTATICS
MAGNETOHYDROSTATICS
RT ∞ DYNAMICS
ELASTOSTATICS
∞ EQUILIBRIUM
FLUID MECHANICS
∞ MECHANICS (PHYSICS)

STATIONARY ORBITS

GS ORBITS
CIRCULAR ORBITS
STATIONARY ORBITS
EQUATORIAL ORBITS
STATIONARY ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
STATIONARY ORBITS
RT EARTH ORBITS
GEOSYNCHRONOUS ORBITS
SYNCHRONOUS SATELLITES
TWENTY-FOUR HOUR ORBITS

STATIONKEEPING

RT GUIDANCE (MOTION)
NAVIGATION
ORBITAL MECHANICS
ORBITS
PAYLOAD RETRIEVAL (STS)
POSITIONING
SPACECRAFT CONTROL

STATIONS

GS **STATIONS**
AUTOMATIC WEATHER STATIONS
CREW STATIONS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW WORKSTATIONS
GROUND STATIONS
DEEP SPACE INSTRUMENTATION FACILITY
EARTH TERMINALS
INTEGRATED MISSION CONTROL CENTER
POLYSTATION DOPPLER TRACKING SYSTEM
SPACE DETECTION AND TRACKING SYSTEM
STDN (NETWORK)
HYDROELECTRIC POWER STATIONS
PAYLOAD STATIONS
SPACE STATIONS
ORBITAL SPACE STATIONS
HALO ORBIT SPACE STATION
LONG DURATION EXPOSURE FACILITY
ORBITAL WORKSHOPS
ORBITING LUNAR STATIONS
SALYUT SPACE STATION
SPACE OPERATIONS CENTER (NASA)
SPACE BASE COMMAND CENTER
TRACKING STATIONS
DEEP SPACE INSTRUMENTATION FACILITY
GLOBAL TRACKING NETWORK
POLYSTATION DOPPLER TRACKING SYSTEM
SPACE DETECTION AND TRACKING SYSTEM
STDN (NETWORK)
WEATHER STATIONS
WORKSTATIONS
RT ∞ BASES
∞ FACILITIES
LUNAR BASES
MILITARY AIR FACILITIES
PLANETARY BASES
POSITION (LOCATION)
SPACE BASES
SPACE FLIGHT TRACKING AND DATA NETWORK

STATISTICAL ANALYSIS

GS **STATISTICAL ANALYSIS**

STATISTICAL COMMUNICATION THEORY

STATISTICAL ANALYSIS-(CONT)

AMPLITUDE DISTRIBUTION ANALYSIS
CORRELATION COEFFICIENTS
DISCRIMINANT ANALYSIS (STATISTICS)
FACTOR ANALYSIS
GOODNESS OF FIT
LIKELIHOOD RATIO
MAXWELL-BOLTZMANN DENSITY
FUNCTION
NONPARAMETRIC STATISTICS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
WEIBULL DENSITY FUNCTIONS
PROBABILITY DISTRIBUTION
FUNCTIONS
QUANTILES
SEQUENTIAL ANALYSIS
STANDARD DEVIATION
STATISTICAL CORRELATION
STATISTICAL DECISION THEORY
STATISTICAL TESTS
KOLMOGOROFF-SMIRNOFF TEST
MANN-WHITNEY-WILCOXON U TEST
RANK TESTS
VARIANCE (STATISTICS)
ANALYSIS OF VARIANCE
MULTIVARIATE STATISTICAL
ANALYSIS
BIVARIATE ANALYSIS
COVARIANCE
REGRESSION ANALYSIS

RT ∞ ANALYZING
∞ APPLICATIONS OF MATHEMATICS
APPROXIMATION
AUTOREGRESSIVE PROCESSES
BINOMIAL THEOREM
BIOMETRICS
CENSORED DATA (MATHEMATICS)
CHARTS
CHEBYSHEV APPROXIMATION
CLUSTER ANALYSIS
COEFFICIENTS
CONFIDENCE
CONFIDENCE LIMITS
CONTINUITY (MATHEMATICS)
CORRELATION
∞ DATA
DATA CORRELATION
DECISION THEORY
DISCRETE FUNCTIONS
∞ DISPERSION
ECONOMICS
ESTIMATES
ESTIMATING
EVENTS
EXPECTANCY HYPOTHESIS
EXPERIMENT DESIGN
EXPONENTIAL FUNCTIONS
EXTRAPOLATION
FACTORIAL DESIGN
FAILURE ANALYSIS
FORECASTING
GAME THEORY
GAUSS-MARKOV THEOREM
GRAPHS (CHARTS)
INFORMATION THEORY
INSPECTION
INTERPOLATION
LINEAR PREDICTION
MANAGEMENT
∞ MATHEMATICS
MAXIMUM ENTROPY METHOD
MEAN
MEDIAN (STATISTICS)
MILLS RATIO
MINIMUM VARIANCE ORBIT
DETERMINATION
MONTE CARLO METHOD
MTBF
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
PROBABILITY THEORY
QUALITY CONTROL
QUANTILES
QUEUEING THEORY
RANDOM PROCESSES
RELIABILITY
ROOT-MEAN-SQUARE ERRORS
SAMPLING
∞ STATISTICS
STOCHASTIC PROCESSES
SYSTEM IDENTIFICATION

STATISTICAL ANALYSIS-(CONT)

SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
TABLES (DATA)
TRAVELING SALESMAN PROBLEM
WIENER FILTERING
YANG-MILLS THEORY

STATISTICAL COMMUNICATION THEORY USE COMMUNICATION THEORY

STATISTICAL CORRELATION

GS CORRELATION
STATISTICAL CORRELATION
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
RT CORRELATION COEFFICIENTS
DATA CORRELATION
ECONOMETRICS
EVALUATION
QUALITY CONTROL
∞ STATISTICS

STATISTICAL DECISION THEORY

GS DECISION THEORY
STATISTICAL DECISION THEORY
STATISTICAL ANALYSIS
STATISTICAL DECISION THEORY
RT GAME THEORY
∞ THEORIES

STATISTICAL DISTRIBUTIONS

UF RANDOM DISTRIBUTIONS
GS STATISTICAL DISTRIBUTIONS
BRIGHTNESS DISTRIBUTION
PEARSON DISTRIBUTIONS
PROBABILITY DISTRIBUTION
FUNCTIONS
RT RAYLEIGH DISTRIBUTION
BINOMIAL THEOREM
CENSORED DATA (MATHEMATICS)
COMPLEXITY
CURVE FITTING
∞ DISTRIBUTION
DISTRIBUTION (PROPERTY)
DISTRIBUTION FUNCTIONS
DISTRIBUTION MOMENTS
ERROR FUNCTIONS
EVENTS
EXPECTANCY HYPOTHESIS
FORECASTING
GAMMA FUNCTION
GOODNESS OF FIT
KURTOSIS
MATHEMATICAL MODELS
OUTLIERS (STATISTICS)
PROBABILITY THEORY
QUALITY CONTROL
QUANTILES
QUANTUM THEORY
QUARTILES
RELIABILITY
SCATTERING
SIZE DISTRIBUTION

STATISTICAL MECHANICS

RT BOLTZMANN DISTRIBUTION
BOLTZMANN TRANSPORT EQUATION
CLASSICAL MECHANICS
CLOSURE LAW
CONTINUUM MECHANICS
ENERGY DISTRIBUTION
FLUCTUATION THEORY
FUNCTION SPACE
LIOUVILLE EQUATIONS
MACROSCOPIC EQUATIONS
MALKUS THEORY
MANY BODY PROBLEM
MAXWELL-BOLTZMANN DENSITY
FUNCTION
∞ MECHANICS (PHYSICS)
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
QUANTUM MECHANICS
QUANTUM THEORY
THERMODYNAMIC EQUILIBRIUM
WEIGHTING FUNCTIONS

STATISTICAL MOMENTS

USE DISTRIBUTION MOMENTS

STATISTICAL PROBABILITY

USE PROBABILITY THEORY

NASA THESAURUS (VOLUME 1)

STATISTICAL TESTS

UF BRUCETON TEST
GS STATISTICAL ANALYSIS
STATISTICAL TESTS
KOLMOGOROFF-SMIRNOFF TEST
MANN-WHITNEY-WILCOXON U TEST
RANK TESTS
RT CHARTS
CONFIDENCE LIMITS
CURVE FITTING
∞ DATA
ESTIMATES
ESTIMATING
FACTOR ANALYSIS
GOODNESS OF FIT
HETEROGENEITY
HOMOGENEITY
LIKELIHOOD RATIO
NORMALITY
NULL HYPOTHESIS
OUTLIERS (STATISTICS)
QUALITY CONTROL
RANGE (EXTREMES)
REGRESSION ANALYSIS
RELIABILITY
SIGNIFICANCE
∞ TESTS
VALIDITY

STATISTICAL WEATHER FORECASTING

GS FORECASTING
WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
METEOROLOGY
WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
RT LONG RANGE WEATHER FORECASTING
NUMERICAL WEATHER FORECASTING

∞ STATISTICS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ARRAYS
BIOMETRICS
CENSUS
∞ DATA
DEMOGRAPHY
ENTROPY (STATISTICS)
ESTIMATES
ESTIMATING
FERMI-DIRAC STATISTICS
INFORMATION THEORY
NONPARAMETRIC STATISTICS
POPULATIONS
PROBABILITY THEORY
QUANTILES
QUANTUM STATISTICS
RANDOM VARIABLES
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
STOCHASTIC PROCESSES
SURVEYS
SYSTEMS ENGINEERING
TABLES (DATA)
TIME SERIES ANALYSIS

STATOR BLADES

GS TURBOMACHINE BLADES
STATOR BLADES
RT ∞ BLADES
COMPRESSOR BLADES
ROTOR BLADES (TURBOMACHINERY)
STATORS
TURBINE BLADES
VANES

STATORS

RT COMPRESSORS
ELECTRIC MOTORS
∞ GENERATORS
IMPELLERS
MOTORS
PUMPS
∞ ROTATING ELECTRICAL MACHINES
ROTORS
STATOR BLADES
TURBINES

STAYS

USE GUY WIRES

STDN (NETWORK)

UF SATELLITE TRACKING AND DATA ACQ
NETWORK
SPACECRAFT TRACKING AND DATA
NETWORK
STADAN (SATELLITE TRACKING
NETWORK)
GS STATIONS
GROUND STATIONS
STDN (NETWORK)
TRACKING STATIONS
STDN (NETWORK)
TRACKING NETWORKS
STDN (NETWORK)
RT DATA ACQUISITION
GLOBAL TRACKING NETWORK
MINITRACK SYSTEM
OPTICAL TRACKING
RANGE AND RANGE RATE TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE FLIGHT TRACKING AND DATA
NETWORK

STEADY FLOW

GS FLUID FLOW
STEADY FLOW
COUETTE FLOW
HARTMANN FLOW
RT BELTRAMI FLOW
CONTINUITY EQUATION
CRITICAL FLOW
CROCCO METHOD
EQUILIBRIUM FLOW
∞ FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
GAS FLOW
HEAT TRANSMISSION
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
LIQUID FLOW
LOW TURBULENCE
MASS FLOW
METHOD OF CHARACTERISTICS
MULTIPHASE FLOW
NONNEWTONIAN FLOW
ORIFICE FLOW
PARALLEL FLOW
PIPE FLOW
PRESSURE GRADIENTS
QUASI-STEADY STATES
SINGLE-PHASE FLOW
SOLIDS FLOW
STEAM FLOW
STOKES FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
TURBULENT FLOW
TWO DIMENSIONAL FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEADY STATE

RT ∞ EQUILIBRIUM
FLUID DYNAMICS
METASTABLE STATE
STABILITY
STATE VECTORS
UNSTEADY FLOW
UNSTEADY STATE

STEADY STATE CREEP

GS MECHANICAL PROPERTIES
CREEP PROPERTIES
STEADY STATE CREEP
RT PLASTIC FLOW
QUASI-STEADY STATES

STEADY STATE FLOW

USE EQUILIBRIUM FLOW

STEAM

RT BOILERS
FOG
SUPERHEATING
THERMODYNAMICS
WATER
WATER VAPOR

STEAM FLOW

GS FLUID FLOW

STEAM FLOW-(CONT)

RT **STEAM FLOW**
CRITICAL FLOW
GAS FLOW
LAMINAR FLOW
MASS FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PIPELINES
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEAM GENERATORS

USE BOILERS

STEAM TURBINES

GS TURBOMACHINERY
TURBINES
STEAM TURBINES
RT AXIAL FLOW TURBINES
COMBINED CYCLE POWER GENERATION
GAS TURBINE ENGINES
GAS TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

STEARATES

GS ALIPHATIC COMPOUNDS
STEARATES
ESTERS
STEARATES
RT SOAPS

STEARTHERMOPHILUS

GS MICROORGANISMS
BACTERIA
STEARTHERMOPHILUS

STEATITE

USE TALC

STEEL STRUCTURES

GS WELDED STRUCTURES
STEEL STRUCTURES
RT COMPOSITE STRUCTURES
CONSTRUCTION
RIGID STRUCTURES
∞ STRUCTURES

STEELS

GS ALLOYS
IRON ALLOYS
STEELS
BAINITIC STEEL
CARBON STEELS
LOW CARBON STEELS
CHROMIUM STEELS
CROLOY
HIGH STRENGTH STEELS
MARAGING STEELS
NICKEL STEELS
STAINLESS STEELS
AUSTENITIC STAINLESS STEELS
FERRITIC STAINLESS STEELS
MARTENSITIC STAINLESS STEELS
RT AUSTENITE
BAINITE
CEMENTITE
FERRITES
HYDROGEN EMBRITTLEMENT
MARTENSITE
PEARLITE

STEEP GRADIENT AIRCRAFT

USE V/STOL AIRCRAFT

STEEPEST ASCENT METHOD

USE STEEPEST DESCENT METHOD

STEEPEST DESCENT METHOD

UF STEEPEST ASCENT METHOD
RT CALCULUS OF VARIATIONS
DYNAMIC PROGRAMMING
∞ METHODOLOGY
MINIMA
OPTIMIZATION
PARAMETER IDENTIFICATION

STEEPEST DESCENT METHOD-(CONT)

SYSTEM IDENTIFICATION

STEEPNESS

USE SLOPES

STEERABLE ANTENNAS

SN (ANTENNAS DESIGNED OR ARRANGED
TO PERMIT CHANGES IN THE
DIRECTION OF AIM BY ALTERATIONS
OF PHASE RELATIONS)
GS ANTENNAS
DIRECTIONAL ANTENNAS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
ARRAYS
ANTENNA ARRAYS
STEERABLE ANTENNAS
INERTIALESS STEERABLE
ANTENNAS
RT PHASED ARRAYS
RADAR ANTENNAS

STEERING

RT ∞ CONTROL
CONTROL ROCKETS
CONTROLLABILITY
ELECTRON OPTICS
∞ FLIGHT
FOCUSING
SUSPENSION SYSTEMS (VEHICLES)

STEERING ROCKETS

USE CONTROL ROCKETS

STEFAN-BOLTZMANN LAW

GS LAWS
RADIATION LAWS
STEFAN-BOLTZMANN LAW
RT ELECTROMAGNETIC RADIATION
EMISSION
FLUX (RATE)
HEAT RADIATORS
KIRCHHOFF LAW OF RADIATION
RADIATIVE HEAT TRANSFER

STELLAR (STAR TRACKER)

USE CCD STAR TRACKER

STELLAR ACTIVITY

GS **STELLAR ACTIVITY**
SOLAR ACTIVITY
FACULAE
SOLAR PROMINENCES
SOLAR STORMS
SPICULES
STELLAR FLARES
SOLAR FLARES
SUNSPOTS
STARS
RT FLARE STARS
∞ FLARES
MAGNETIC DISTURBANCES
MAGNETOHYDRODYNAMICS
PHOTOSPHERE
STARS
STELLAR LUMINOSITY
STELLAR MAGNETIC FIELDS
STELLAR MASS EJECTION
STELLAR OSCILLATIONS
STELLAR PHYSICS
STELLAR RADIATION
SUNSPOT CYCLE

STELLAR ATMOSPHERES

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
STELLAR ATMOSPHERES
CHROMOSPHERE
SOLAR ATMOSPHERE
RT ∞ ATMOSPHERES
COOL STARS
LIMB BRIGHTENING
LIMB DARKENING
METALLIC STARS
RADIATIVE TRANSFER
SATELLITE ATMOSPHERES
STARSPTS
STELLAR CORONAS

STELLAR COLOR

RT COLOR-MAGNITUDE DIAGRAM
STELLAR LUMINOSITY

STELLAR COMPOSITION**STELLAR COLOR-(CONT)**

STELLAR MAGNITUDE
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY

STELLAR COMPOSITION

GS COMPOSITION (PROPERTY)
CHEMICAL COMPOSITION
STELLAR COMPOSITION
RT ABUNDANCE
B STARS
CARBON STARS
STARS
STELLAR MODELS
STELLAR PHYSICS
STELLAR STRUCTURE

STELLAR CORES

GS CORES
STELLAR CORES
RT ASTROPHYSICS
GRAVITATIONAL COLLAPSE
LUNAR CORE
PLANETARY CORES
STARS
STELLAR CORONAS
STELLAR STRUCTURE

STELLAR CORONAS

GS CORONAS
STELLAR CORONAS
SOLAR CORONA
CORONAL LOOPS
RT IONIZATION
ORION NEBULA
STELLAR ATMOSPHERES
STELLAR CORES

STELLAR DOPPLER SHIFT

USE DOPPLER EFFECT
EXTRATERRESTRIAL RADIATION

STELLAR ENVELOPES

UF CIRCUMSTELLAR MATTER
RT ASTROPHYSICS
COOL STARS
SYMBIOTIC STARS
WOLF-RAYET STARS

STELLAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)
STELLAR EVOLUTION
STELLAR MASS ACCRETION
RT ASTROPHYSICS
COLOR-MAGNITUDE DIAGRAM
COSMOLOGY
GALACTIC EVOLUTION
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
INTERSTELLAR EXTINCTION
LATE STARS
MAIN SEQUENCE STARS
NEUTRAL CURRENTS
PLANETARY EVOLUTION
PRE-MAIN SEQUENCE STARS
PROTOPLANETS
PROTOSTARS
RED GIANT STARS
STELLAR PHYSICS
SUBGIANT STARS

STELLAR FIELDS

USE STAR DISTRIBUTION

STELLAR FLARES

GS STELLAR ACTIVITY
SOLAR ACTIVITY
STELLAR FLARES
SOLAR FLARES
RT CATAclysmic VARIABLES
FLARE STARS
∞ FLARES
STELLAR LUMINOSITY
STELLAR PHYSICS
STELLAR RADIATION

STELLAR GRAVITATION

GS GRAVITATIONAL EFFECTS
STELLAR GRAVITATION
GRAVITATIONAL FIELDS
STELLAR GRAVITATION
RT GRAVITATIONAL LENSES

STELLAR LUMINOSITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
LUMINOSITY
STELLAR LUMINOSITY
RT BRIGHTNESS
BRIGHTNESS DISTRIBUTION
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
LIMB BRIGHTENING
LIMB DARKENING
LUMINESCENCE
MASS TO LIGHT RATIOS
RED DWARF STARS
RED GIANT STARS
STARSPOTS
STELLAR ACTIVITY
STELLAR COLOR
STELLAR FLARES
STELLAR PARALLAX
STELLAR PHYSICS
WOLF-RAYET STARS

STELLAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
MAGNETIC FIELD CONFIGURATIONS
PLASMAS (PHYSICS)
STARSPOTS
STELLAR ACTIVITY

STELLAR MAGNITUDE

GS MAGNITUDE
STELLAR MAGNITUDE
RT ASTRONOMY
COLOR-MAGNITUDE DIAGRAM
∞ INTENSITY
LUMINANCE
LUMINOUS INTENSITY
RED DWARF STARS
STARS
STELLAR COLOR
STELLAR PARALLAX

STELLAR MASS

GS MASS
STELLAR MASS
RT MAIN SEQUENCE STARS
MASS TO LIGHT RATIOS
NOVAE
STELLAR TEMPERATURE
SUPERNOVAE
VARIABLE STARS

STELLAR MASS ACCRETION

GS EVOLUTION (DEVELOPMENT)
STELLAR EVOLUTION
STELLAR MASS ACCRETION
RT ACCRETION DISKS
COSMOLOGY
DWARF NOVAE
GALACTIC EVOLUTION
GRAVITATIONAL EFFECTS
INTERSTELLAR GAS
INTERSTELLAR MATTER
PROTOSTARS
STELLAR PHYSICS
SYMBIOTIC STARS
X RAY BINARIES

STELLAR MASS EJECTION

GS EJECTION
STELLAR MASS EJECTION
RT CATAclysmic VARIABLES
DWARF NOVAE
NOVAE
STELLAR ACTIVITY
SUPERNOVAE
VARIABLE STARS
WOLF-RAYET STARS

STELLAR MODELS

GS MODELS
ASTRONOMICAL MODELS
STELLAR MODELS
RT ASTRONOMY
SOLAR NEUTRINOS
SOLAR OSCILLATIONS
STELLAR COMPOSITION
SUPERMASSIVE STARS

NASA THESAURUS (VOLUME 1)**STELLAR MOTIONS**

GS **STELLAR MOTIONS**
DOUBLE STARS
STELLAR ORBITS
STELLAR OSCILLATIONS
STELLAR ROTATION
RT COMPANION STARS
COROTATION
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
GALACTIC ROTATION
HIPPARCOS SATELLITE
∞ MOTION
SIDEREAL TIME
STELLAR PARALLAX

STELLAR OCCULTATION

GS OCCULTATION
STELLAR OCCULTATION
RT ECLIPSING BINARY STARS
LUNAR OCCULTATION

STELLAR ORBITS

SN (EXCLUDES PLANETARY ORBITS)
GS ORBITS
STELLAR ORBITS
STELLAR MOTIONS
STELLAR ORBITS
RT CELESTIAL MECHANICS

STELLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR MOTIONS
STELLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC MODELS
CATAclysmic VARIABLES
STARS
STELLAR ACTIVITY
SYMBIOTIC STARS
VARIABLE STARS

STELLAR PARALLAX

GS PARALLAX
STELLAR PARALLAX
RT ASTROMETRY
BINARY STARS
HIPPARCOS SATELLITE
SOLAR PARALLAX
STELLAR LUMINOSITY
STELLAR MAGNITUDE
STELLAR MOTIONS

STELLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT NUCLEAR FUSION
∞ SCIENCE
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR EVOLUTION
STELLAR FLARES
STELLAR LUMINOSITY
STELLAR MASS ACCRETION
STELLAR RADIATION
STELLAR ROTATION
STELLAR STRUCTURE
SUPERNOVAE

STELLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
STELLAR RADIATION
STELLAR WINDS
RT COSMIC RAYS
ELECTROMAGNETIC RADIATION
EXTARS
GALACTIC RADIATION
GAMMA RAY BURSTS
HERBIG-HARO OBJECTS
INTERSTELLAR EXTINCTION
INTERSTELLAR RADIATION
LIGHT CURVE
MICROWAVE EMISSION
POLARIZED ELECTROMAGNETIC
RADIATION
∞ RADIATION
RADIATIVE TRANSFER
RADIO BURSTS
RADIO STARS
SOLAR RADIATION

STELLAR RADIATION-(CONT)

STARSPOTS
STELLAR ACTIVITY
STELLAR FLARES
STELLAR PHYSICS

STELLAR ROTATION

GS GYRATION
ROTATION
STELLAR ROTATION
SOLAR ROTATION
STELLAR MOTIONS
STELLAR ROTATION
RT ANGULAR MOMENTUM
COROTATION
PLANETARY ROTATION
STELLAR PHYSICS

STELLAR SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
CONTINUOUS SPECTRA
COOL STARS
EMISSION SPECTRA
HERBIG-HARO OBJECTS
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
INFRARED SPECTRA
LINE SPECTRA
MOLECULAR SPECTRA
PECULIAR STARS
SEYFERT GALAXIES
STELLAR COLOR
SYMBIOTIC STARS
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA

STELLAR SPECTROPHOTOMETRY

GS OPTICAL MEASUREMENT
ASTRONOMICAL PHOTOMETRY
STELLAR SPECTROPHOTOMETRY
PHOTOMETRY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
SPECTROSCOPY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
RT HORIZONTAL BRANCH STARS
INFRARED PHOTOMETRY
PECULIAR STARS
SPECTROSCOPIC TELESCOPES
STELLAR COLOR

STELLAR STRUCTURE

RT CHROMOSPHERE
CORONAL HOLES
DENSE PLASMAS
METALLIC STARS
PECULIAR STARS
SOLAR ATMOSPHERE
SOLAR CORONA
STELLAR COMPOSITION
STELLAR CORES
STELLAR PHYSICS
∞ STRUCTURES
SUPERMASSIVE STARS

STELLAR TEMPERATURE

GS TEMPERATURE
STELLAR TEMPERATURE
RT COOL STARS
STELLAR MASS
SYMBIOTIC STARS

STELLAR WINDS

GS EXTRATERRESTRIAL RADIATION
STELLAR RADIATION
STELLAR WINDS
GASES
IONIZED GASES
CHARGED PARTICLES
STELLAR WINDS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
STELLAR WINDS
RT CHROMOSPHERE
COSMIC PLASMA

STELLAR WINDS-(CONT)

INTERGALACTIC MEDIA
INTERSTELLAR GAS
RADIATION PRESSURE
SOLAR WIND
SOLAR WIND VELOCITY

STELLARATORS

RT MAGNETOHYDRODYNAMICS
NUCLEAR REACTORS
PINCH EFFECT
THERMAL INSTABILITY
THERMONUCLEAR POWER GENERATION
THERMONUCLEAR REACTIONS
TOROIDAL PLASMAS

STELLITE (TRADEMARK)

UF HAYNES STELLITE
RT CHROMIUM ALLOYS
COBALT ALLOYS
TUNGSTEN ALLOYS

STEMS

RT PLANTS (BOTANY)

STENCIL PROCESSES

RT PRINTING
REPRODUCTION (COPYING)

STEP FAULTS

USE GEOLOGICAL FAULTS

STEP FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
STEP FUNCTIONS
RT DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
INTERVALS
RAMP FUNCTIONS
REACTION TIME
∞ STEPS

STEP RECOVERY DIODES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
JUNCTION DIODES
STEP RECOVERY DIODES
RT SWITCHING

STEPPIES

GS LANDFORMS
STEPPIES
RT ARID LANDS
DESERTIFICATION
GRASSLANDS
PLAINS

STEPPING MOTORS

GS MOTORS
ELECTRIC MOTORS
STEPPING MOTORS
RT ACTUATORS
SERVOCONTROL
SERVOMECHANISMS

STEPPING SWITCHES

GS SWITCHES
ELECTRIC SWITCHES
STEPPING SWITCHES

∞ STEPS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BACKWARD FACING STEPS
PROGRAMMING (SCHEDULING)
STAIRSTEPS
STEP FUNCTIONS

STEREOCHEMISTRY

RT CARBOHYDRATES
∞ CHEMISTRY
ISOMERS
OPTICAL ACTIVITY
SPATIAL DISTRIBUTION
X RAY ANALYSIS

STEREOGRAPHY

USE STEREOPHOTOGRAPHY

STEREOPHONICS

RT ACOUSTICS
HEARING

STEREOPHOTOGRAPHY

UF STEREOGRAPHY
STEREOSCOPIC PHOTOGRAPHY
GS IMAGERY
STEREOSCOPY
STEREOPHOTOGRAPHY
PHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
COLOR PHOTOGRAPHY
MAPSAT
PHOTOGRAMMETRY
SPOT (FRENCH SATELLITE)

STEREOSCOPIC PHOTOGRAPHY

USE STEREOPHOTOGRAPHY

STEREOSCOPIC VISION

GS VISION
RT STEREOSCOPIC VISION
BINOCULAR VISION
STEREOSCOPY

STEREOSCOPY

GS IMAGERY
STEREOSCOPY
STEREOPHOTOGRAPHY
PHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
RT STEREOSCOPIC VISION

STEREOTELEVISION

GS COMMUNICATION EQUIPMENT
STEREOTELEVISION
TELECOMMUNICATION
STEREOTELEVISION
TELEVISION SYSTEMS
STEREOTELEVISION
RT CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATING
EDUCATIONAL TELEVISION
SATELLITE TELEVISION
SPACECRAFT TELEVISION

STERILIZATION

GS STERILIZATION
CHEMICAL STERILIZATION
HOUSEKEEPING (SPACECRAFT)
SPACECRAFT STERILIZATION
RT AIR PURIFICATION
ANTIFOULING
ANTISEPTICS
BACTERICIDES
BAKING
CLEANING
DECONTAMINATION
FUMIGATION
GNOTOBIOTICS
IONIZING RADIATION
MERCURY LAMPS
PASTEURIZING
PURIFICATION
ULTRAVIOLET RADIATION

STERILIZATION EFFECTS

GS STERILIZATION EFFECTS
CHEMICAL EFFECTS
DECONTAMINATION
THERMAL DEGRADATION
RT CORROSION
DEGRADATION
∞ DEOXIFICATION
∞ EFFECTS
SPACECRAFT STERILIZATION
TEMPERATURE EFFECTS
WAVE DEGRADATION

STERNS

USE AFTERBODIES

STERNUM

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
STERNUM
RT THORAX

STEROIDS

GS STEROIDS

STETHOSCOPES

STERIODS-(CONT)

ACTINOMYCIN
CHOLESTEROL
CORTICOSTEROIDS
ALDOSTERONE
HYDROXYCORTICOSTEROID
CORTISONE
PENICILLIN
STREPTOMYCIN
TETRACYCLINES
RT ANTIBIOTICS

STETHOSCOPES

GS MEDICAL EQUIPMENT
STETHOSCOPES
RT PHYSICIANS

STIELTJES INTEGRAL

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
STIELTJES INTEGRAL
RT PROBABILITY THEORY

STIFF STRUCTURES

USE RIGID STRUCTURES

STIFFENING

RT REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
WEBS (SUPPORTS)

STIFFNESS

GS MECHANICAL PROPERTIES
STIFFNESS
RT BENDING
DEFORMATION
FLEXIBILITY
MODULUS OF ELASTICITY
∞ RIGIDITY
SOFTNESS
STRUCTURAL STABILITY

STIFFNESS MATRIX

GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
STIFFNESS MATRIX
RT STRUCTURAL ANALYSIS
STRUCTURAL MEMBERS

STIGMATISM

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
STIGMATISM
RT ASTIGMATISM
FOCUSING
LENS DESIGN
LENSES

STILBENE

GS HYDROCARBONS
STILBENE
RT DYES
HEXANITROSTILBENE

STILLS

GS SEPARATORS
STILLS
RT CONCENTRATORS
DISTILLATION EQUIPMENT

STIMULANTS

GS DRUGS
STIMULANTS
ATROPINE
CAFFEINE
CENTRAL NERVOUS SYSTEM
STIMULANTS
NORADRENALINE
NOREPINEPHRINE
RT AMINOPHYLLINE
EPINEPHRINE
STRYCHNINE

STIMULATED EMISSION

GS DECAY
EMISSION
STIMULATED EMISSION
WATER MASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS

STIMULATED EMISSION-(CONT)

COHERENT ELECTROMAGNETIC
RADIATION
COHERENT LIGHT
ELECTRON EMISSION
ELECTRON PUMPING
GALLIUM ARSENIDE LASERS
GAS LASERS
GAS MASERS
HCN LASERS
INTERSTELLAR MASERS
LASERS
LIGHT EMISSION
MASERS
NUCLEAR PUMPING
OPTICAL PUMPING
PARTICLE EMISSION
PHOTOELECTRIC EMISSION
POPULATION INVERSION
RAPID BALLISTICS IDENTIFICATION
RARE GAS-HALIDE LASERS
SELF SUSTAINED EMISSION
TEA LASERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

STIMULATED EMISSION DEVICES

UF QUANTUM GENERATORS
GS **STIMULATED EMISSION DEVICES**
LASERS
AIRBORNE LASERS
ARGON LASERS
ATMOSPHERIC LASERS
CARBON LASERS
CHEMICAL LASERS
HCL LASERS
CONTINUOUS WAVE LASERS
DISTRIBUTED FEEDBACK LASERS
FREE ELECTRON LASERS
GAMMA RAY LASERS
GAS LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
DF LASERS
EXCIMER LASERS
HCL LASERS
HCL ARGON LASERS
HCN LASERS
HELIUM-NEON LASERS
HF LASERS
KRYPTON FLUORIDE LASERS
NITROGEN LASERS
TEA LASERS
ULTRAVIOLET LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
GASDYNAMIC LASERS
GLASS LASERS
HIGH POWER LASERS
NOVA LASER SYSTEM
SHIVA LASER SYSTEM
INFRARED LASERS
INJECTION LASERS
IODINE LASERS
LIQUID LASERS
METAL VAPOR LASERS
NEODYMIUM LASERS
NUCLEAR PUMPED LASERS
ORGANIC LASERS
DYE LASERS
PLASMA DYNAMIC LASERS
PULSED LASERS
Q SWITCHED LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS
RAMAN LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
RING LASERS
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLAR-PUMPED LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
RUBY LASERS
YAG LASERS
SPACEBORNE LASERS
TUNABLE LASERS
TWO-WAVELENGTH LASERS
WAVEGUIDE LASERS
X RAY LASERS
MASERS
GAS MASERS

STIMULATED EMISSION DEVICES-(CONT)

HYDROGEN MASERS
INTERSTELLAR MASERS
PROTON MASERS
TRAVELING WAVE MASERS
WATER MASERS
RT AMPLIFIERS
COHERENT ELECTROMAGNETIC
RADIATION
ELECTRON PUMPING
∞ GENERATORS
LASER CAVITIES
LASER PUMPING
LASER WEAPONS
LASING
LIGHT TRANSMISSION
NUCLEAR PUMPING
OPTICAL PUMPING
RAPID BALLISTICS IDENTIFICATION
SUBHARMONIC GENERATORS
TRANSIENT OSCILLATIONS

STIMULATION

GS **STIMULATION**
AUDITORY STIMULI
SENSORY STIMULATION
RT ACTIVATION
ACTIVATION (BIOLOGY)
ACTUATION
CLOUD SEEDING
GAS INJECTION
INITIATION
PRESSURIZING
STARTING
∞ **STIMULI**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AROUSAL
AUDITORY STIMULI
CALORIC STIMULI
ELECTRIC STIMULI
MOTIVATION
PSYCHOLOGICAL FACTORS
SUBLIMINAL STIMULI
VISUAL STIMULI

STIRLING CYCLE

GS CYCLES
THERMODYNAMIC CYCLES
STIRLING CYCLE
RT CARNOT CYCLE

STIRRING

RT AERATION
DISPERSING
MIXERS
SUSPENDING (MIXING)
SWIRLING

STISHOVITE

GS MINERALS
QUARTZ
STISHOVITE
RT COESITE
EARTH CRUST
EARTH MANTLE
RUTILE

STOCHASTIC PROCESSES

UF POISSON PROCESS
GS **STOCHASTIC PROCESSES**
MARKOV CHAINS
MARKOV PROCESSES
RANDOM PROCESSES
RANDOM WALK
RT ∞ APPLICATIONS OF MATHEMATICS
CHAOS
COHERENCE COEFFICIENT
DECISION THEORY
ERGODIC PROCESS
EVENTS
FOKKER-PLANCK EQUATION
GAME THEORY
INFORMATION THEORY
KAKUTANI THEOREM
KALMAN-SCHMIDT FILTERING
MARTINGALES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
PROBABILITY THEORY
QUEUEING THEORY
RANDOM ERRORS

STOCHASTIC PROCESSES-(CONT)

RANDOM NOISE
RANDOM SIGNALS
STATE ESTIMATION
STATISTICAL ANALYSIS
∞ STATISTICS
TIME DEPENDENCE
TIME FUNCTIONS
TIME SERIES ANALYSIS

STOCKPILING

RT ACCUMULATIONS
COLLECTION
INVENTORY MANAGEMENT
LOGISTICS
RESERVES
∞ STORAGE
STRATEGIC MATERIALS

STOICHIOMETRY

RT CHEMICAL REACTIONS
∞ CHEMISTRY
∞ COMPOSITION
COMPOSITION (PROPERTY)
FORMULATIONS
MATERIAL BALANCE
PHASE DIAGRAMS

STOKES FLOW

GS FLUID FLOW
INCOMPRESSIBLE FLOW
STOKES FLOW
VISCOUS FLOW
STOKES FLOW
RT OSEEN APPROXIMATION
STEADY FLOW

∞ STOKES LAW

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT LAWS
MAXWELL EQUATION
STOKES LAW (FLUID MECHANICS)
STOKES THEOREM (VECTOR CALCULUS)

STOKES LAW (FLUID MECHANICS)

RT SETTLING
∞ STOKES LAW
VISCOSITY

STOKES LAW OF RADIATION

GS LAWS
RADIATION LAWS
STOKES LAW OF RADIATION
RT INCIDENT RADIATION
LUMINESCENCE
∞ RADIATION
WAVELENGTHS

STOKES THEOREM (VECTOR CALCULUS)

GS ALGEBRA
VECTOR SPACES
STOKES THEOREM (VECTOR
CALCULUS)
THEOREMS
STOKES THEOREM (VECTOR
CALCULUS)
RT ∞ STOKES LAW

STOKES-BELTRAMI EQUATION

RT ∞ EQUATIONS
LAPLACE EQUATION
STREAM FUNCTIONS (FLUIDS)

STOL AIRCRAFT

USE SHORT TAKEOFF AIRCRAFT

STOMACH

GS ANATOMY
DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
STOMACH
ORGANS
STOMACH
VISCERA
ORGANS
STOMACH
RT ABDOMEN

STONES (ROCKS)

USE ROCKS

STONY METEORITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
BONDOC METEORITE
KAPOETA ACHONDRITE
NORTON COUNTY ACHONDRITE
CHONDRITES
BRUDERHEIM METEORITE
CARBONACEOUS CHONDRITES
ALLENDE METEORITE
MURCHISON METEORITE
CARBONACEOUS METEORITES
ALAI METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITIS CHONDRITE
PANTAR CHONDRITES
PRIBRAM METEORITE
TEKTITES
AUSTRALITES
BEDIASITES
TUNGUSK METEORITE
RT CARBONACEOUS CHONDRITES
COESITE
HARLETON METEORITE
IRON METEORITES
LAZAREV METEORITE
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
OKHANSK METEORITE
SCHREIBERSITE

STOPCOCKS

USE COCKS

STOPPING

UF TERMINATING
GS STOPPING
THRUST TERMINATION
RT BLOCKING
CANCELLATION
CLOSING
CONSTRICTIONS
CONTAINMENT
DAMPING
DECELERATION
DELAY
ELIMINATION
∞ HOLDING
∞ INHIBITION
OPTIMIZATION
PLUGS
PREVENTION
∞ REDUCTION
RETARDING
SEALING

STOPPING POWER

RT ABSORBERS (MATERIALS)
ABSORPTION CROSS SECTIONS
∞ CROSS SECTIONS
DENSITY (MASS/VOLUME)
NEUTRON CROSS SECTIONS
RADIATION ABSORPTION
RADIATION SHIELDING
SCATTERING CROSS SECTIONS

STORABLE PROPELLANTS

GS CONSUMABLES (SPACECRAFT)
STORABLE PROPELLANTS
PROPELLANTS
STORABLE PROPELLANTS
RP-1 ROCKET PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
GROUND SUPPORT EQUIPMENT
HIGH TEMPERATURE PROPELLANTS
HYDROCARBON FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
PROPELLANT ADDITIVES
PROPELLANT DECOMPOSITION
PROPELLANT EVAPORATION
PROPELLANT SENSITIVITY
PROPELLANT STORABILITY
PROPELLANT STORAGE
ROCKET PROPELLANTS
SOLID PROPELLANTS
SPACE STORAGE

∞ STORAGE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BUFFER STORAGE
COMPUTER STORAGE DEVICES
CORE STORAGE
CRYOGENIC FLUID STORAGE
DATA STORAGE
DISPOSAL
DOCUMENT STORAGE
ENERGY STORAGE
EXTERNAL STORE SEPARATION
EXTERNAL STORES
FLUID FILLED SHELLS
HANDLING EQUIPMENT
INVENTORIES
INVENTORY CONTROLS
INVENTORY MANAGEMENT
ION STORAGE
LIQUID FILLED SHELLS
LOGISTICS
LOGISTICS MANAGEMENT
MAGNETIC STORAGE
MATERIALS HANDLING
MISSILE SILOS
MISSILE STORAGE
PACKAGING
PIPELINES
PRESERVING
PROPELLANT STORAGE
RACKS (FRAMES)
RECORDING
RESERVES
RETAINING
SAFETY
SPACE STORAGE
STOCKPILING
STORAGE TANKS
STOWAGE (ONBOARD EQUIPMENT)
UNDERGROUND STORAGE
WASTE DISPOSAL
WING-FUSELAGE STORES

STORAGE BATTERIES

SN (RECHARGEABLE BATTERIES)
UF SECONDARY BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
LEAD ACID BATTERIES
NICKEL CADMIUM BATTERIES
NICKEL HYDROGEN BATTERIES
NICKEL ZINC BATTERIES
SILVER CADMIUM BATTERIES
SILVER HYDROGEN BATTERIES
SILVER ZINC BATTERIES
ZINC-BROMIDE BATTERIES
ZINC-CHLORINE BATTERIES
RT ALKALINE BATTERIES
BATTERY CHARGERS
CHARGE EFFICIENCY
DRY CELLS
ELECTROLYTES
METAL AIR BATTERIES
NICKEL IRON BATTERIES
NONAQUEOUS ELECTROLYTES
PRIMARY BATTERIES
PULSE CHARGING
REGENERATIVE FUEL CELLS

STORAGE RINGS (PARTICLE ACCELERATORS)

UF ELECTRON RING ACCELERATORS
GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
SYNCHROTRONS
STORAGE RINGS (PARTICLE
ACCELERATORS)
RT ∞ ACCELERATORS
∞ RINGS

STORAGE STABILITY

GS LIFE (DURABILITY)
STORAGE STABILITY
STABILITY
STORAGE STABILITY
RT DECOMPOSITION
LIQUID SLOSHING
LONG TERM EFFECTS
STATIC STABILITY
SURFACE STABILITY
THERMAL STABILITY

STORAGE TANKS

GS TANKS (CONTAINERS)

STORE RELEASE

STORAGE TANKS-(CONT)

STORAGE TANKS
RT CRYOGENIC FLUID STORAGE
CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FUEL TANKS
PIPELINES
PRESSURE VESSELS
PROPELLANT TANKS
SPACE STORAGE
SPHERICAL TANKS
∞STORAGE
TANK GEOMETRY
UNDERGROUND STORAGE
WING-FUSELAGE STORES

STORE RELEASE

USE EXTERNAL STORE SEPARATION

STORM DAMAGE

GS DAMAGE
STORM DAMAGE
RT CYCLONES
FLOOD CONTROL
FLOODS
GUSTS
HAILSTORMS
HURRICANES
LANDSLIDES
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOW COVER
STORM SURGES
STORMS
THUNDERSTORMS
TORNADOES
TROPICAL STORMS
TYPHOONS
WIND (METEOROLOGY)

STORM ENHANCEMENT

GS WEATHER MODIFICATION
STORM ENHANCEMENT
RT CLIMATOLOGY
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS
STORMS (METEOROLOGY)

STORM SUPPRESSION

GS WEATHER MODIFICATION
STORM SUPPRESSION
RT CLIMATOLOGY
HAILSTORMS
ICE PREVENTION
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS

STORM SURGES

RT COASTS
HURRICANES
OCEAN SURFACE
OCEANOGRAPHY
STORM DAMAGE
STORMS (METEOROLOGY)
SURGES

STORMS

GS **STORMS**
CYCLONES
CYCLOGENESIS
HURRICANES
ANNA HURRICANE
TYPHOONS
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
MAGNETIC STORMS
NOISE STORMS
SOLAR STORMS
STORMS (METEOROLOGY)
DUST STORMS
HAILSTORMS
POLAR SUBSTORMS
RAINSTORMS
THUNDERSTORMS
SNOWSTORMS
TORNADOES
TROPICAL STORMS
HURRICANES

STORMS-(CONT)

ANNA HURRICANE
TYPHOONS
RT CLIMATOLOGY
COLD FRONTS
∞DISTURBANCES
FLOOD DAMAGE
FLOODS
FRONTS (METEOROLOGY)
GUSTS
PRECIPITATION (METEOROLOGY)
SNOW COVER
SOLAR TERRESTRIAL INTERACTIONS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
SUDDEN STORM COMMENCEMENTS
WARM FRONTS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMS (METEOROLOGY)

GS **STORMS**
STORMS (METEOROLOGY)
DUST STORMS
HAILSTORMS
POLAR SUBSTORMS
RAINSTORMS
THUNDERSTORMS
SNOWSTORMS
TORNADOES
TROPICAL STORMS
HURRICANES
ANNA HURRICANE
TYPHOONS
RT ALPINE METEOROLOGY
CLIMATOLOGY
FLIGHT CONDITIONS
FLOOD CONTROL
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
GROUND WIND
GUSTS
HAIL
ICE
METEOROLOGICAL PARAMETERS
METEOROLOGY
PRECIPITATION (METEOROLOGY)
SNOW
SNOW COVER
SQUALLS
STORM ENHANCEMENT
STORM SURGES
WATERSHEDS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMSAT SATELLITE

UF SEVERE STORMS OBSERVING
SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
SYNCHRONOUS SATELLITES
STORMSAT SATELLITE
RT NASA PROGRAMS

STOSS-AND-LEE TOPOGRAPHY

USE GLACIAL DRIFT

STORAGE (ONBOARD EQUIPMENT)

RT LOGISTICS
ONBOARD EQUIPMENT
PORTABLE EQUIPMENT
PROVISIONING
SPACE LOGISTICS
SPACE RATIONS
∞STORAGE

STRAIGHT WINGS

USE RECTANGULAR WINGS

STRAIN AGING

USE PRECIPITATION HARDENING

STRAIN DISTRIBUTION

USE STRESS CONCENTRATION

STRAIN ENERGY METHODS

GS STRUCTURAL ANALYSIS
ENERGY METHODS
STRAIN ENERGY METHODS
RT ∞ENERGY
∞METHODODOLOGY
SEISMIC ENERGY

NASA THESAURUS (VOLUME 1)

STRAIN FATIGUE

USE FATIGUE (MATERIALS)

STRAIN GAGE ACCELEROMETERS

GS MEASURING INSTRUMENTS
ACCELEROMETERS
STRAIN GAGE ACCELEROMETERS
RT PRESSURE GAGES

STRAIN GAGE BALANCES

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
WEIGHT INDICATORS
STRAIN GAGE BALANCES
RT PRESSURE GAGES

STRAIN GAGES

GS MEASURING INSTRUMENTS
STRAIN GAGES
RT CABLE FORCE RECORDERS
DEFORMETERS
ELASTOMETERS
EXTENSOMETERS
FLIGHT LOAD RECORDERS
MECHANICAL MEASUREMENT
PIEZOELECTRIC GAGES
PRESSURE GAGES
ROSETTE SHAPES
SHOCK MEASURING INSTRUMENTS
STRAIN MEASUREMENT
STRESS MEASUREMENT
TEMPERATURE INVERSIONS
TENSOMETERS
TRANSDUCERS
WEIGHT INDICATORS

STRAIN HARDENING

GS HARDENING (MATERIALS)
WORK HARDENING
STRAIN HARDENING
RT AGING (MATERIALS)
AGING (METALLURGY)
PRECIPITATION HARDENING
RESIDUAL STRESS
SHOT PEENING
STRESS RELIEVING
TEMPERATURE INVERSIONS

STRAIN MEASUREMENT

RT ∞MEASUREMENT
STRAIN GAGES
STRAIN RATE
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRUCTURAL STRAIN

STRAIN RATE

GS RATES (PER TIME)
STRAIN RATE
RT IMPACT TESTS
LOADING RATE
MECHANICAL PROPERTIES
STRAIN MEASUREMENT
TEMPERATURE INVERSIONS

STRAIN SOFTENING

USE PLASTIC DEFORMATION

STRAITS

GS PASSAGEWAYS
STRAITS
TORRES STRAIT
RT CANALS
LAKES
SEAS
WATER
WATERWAYS

STRAKES

GS STRUCTURAL MEMBERS
STRAKES
RT AERODYNAMIC CONFIGURATIONS
HULLS (STRUCTURES)
LONGERONS
METAL STRIPS
RECTANGULAR PANELS
REINFORCEMENT (STRUCTURES)
WATER TUNNEL TESTS

STRANDS

RT CABLES (ROPES)
CORDAGE
FIBERS
∞FILAMENTS

STRANDS-(CONT)

MESH
YARNS

STRANGE ATTRACTORS

RT CHAOS
FRACTALS
IMBEDDINGS (MATHEMATICS)
ITERATIVE SOLUTION
NONLINEAR SYSTEMS
NUMERICAL STABILITY
PERTURBATION THEORY
∞ PHYSICS
RECURSIVE FUNCTIONS
STATE VECTORS
THEORETICAL PHYSICS
TURBULENCE

STRANGENESS

GS DECAY
STRANGENESS
RT HYPERONS
MESONS
PARITY
QUANTUM MECHANICS

STRAPDOWN INERTIAL GUIDANCE

GS GUIDANCE (MOTION)
INERTIAL GUIDANCE
STRAPDOWN INERTIAL GUIDANCE
RT INERTIAL NAVIGATION

STRAPS

RT ANCHORS (FASTENERS)
∞ BANDS
CLAMPS
FASTENERS
HOLDERS

STRATA

UF STRATIFIED LAYERS
GS STRATA
SUBSTRATES
RT ANTICLINES
BEDROCK
BEDS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
FLAT LAYERS
FOLDS (GEOLOGY)
GEOSYNCLINES
∞ LAYERS
STRATIFICATION
SYNCLINES
UNDERGROUND ACOUSTICS

STRATEGIC MATERIALS

RT CHROMIUM
COBALT
MANGANESE
∞ MATERIALS
METALS
STOCKPILING
TECHNOLOGY ASSESSMENT

STRATEGY

RT DECISION THEORY
DEPLOYMENT
ELECTRONIC WARFARE
GAME THEORY
∞ OPERATIONS
OPERATIONS RESEARCH
RISK
WARFARE

STRATIFICATION

GS STRATIFICATION
ATMOSPHERIC STRATIFICATION
INTERCALATION
RT ANTICLINES
BEDROCK
CROSSBEDDING (GEOLOGY)
FLAT LAYERS
FOLDS (GEOLOGY)
GEOSYNCLINES
∞ LAYERS
STATIC STABILITY
STRATA
STRATIFIED FLOW
STRATIGRAPHY
SYNCLINES
TEMPERATURE GRADIENTS
THERMOCLINES

STRATIFIED FLOW

GS FLUID FLOW
LAMINAR FLOW
STRATIFIED FLOW
RT BAROCLINIC WAVES
BAROCLINITY
COAXIAL FLOW
FLOW GEOMETRY
SHEAR FLOW
STRATIFICATION

STRATIFIED LAYERS

USE STRATA

STRATIGRAPHY

RT ANTICLINES
BEDROCK
BEDS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
∞ FORMATION
FORMATIONS
GEOCHRONOLOGY
GEOLOGY
GEOPHYSICS
GEOSYNCLINES
HYDROGEOLOGY
MINES (EXCAVATIONS)
PALEONTOLOGY
PARTICLE TRACKS
PETROLOGY
PLATEAUS
REGOLITH
ROCKS
SEDIMENTARY ROCKS
STRATIFICATION
SYNCLINES
WELLS

STRATOCUMULUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
STRATOCUMULUS CLOUDS
RT CUMULUS CLOUDS
STRATUS CLOUDS

STRATOFORTRESS AIRCRAFT

USE B-52 AIRCRAFT

STRATOJET AIRCRAFT

USE B-47 AIRCRAFT

STRATOPAUSE

GS EARTH ATMOSPHERE
STRATOPAUSE
RT MESOPAUSE
MESOSPHERE
MIDDLE ATMOSPHERE
STRATOSPHERE

STRATOSCOPE TELESCOPES

UF STRATOSCOPE 1 TELESCOPE
STRATOSCOPE 2 TELESCOPE
GS OPTICAL EQUIPMENT
ASTRONOMICAL TELESCOPES
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES
TELESCOPES
ASTRONOMICAL TELESCOPES
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES
RT BALLOONS
REFLECTING TELESCOPES
REFRACTING TELESCOPES

STRATOSCOPE 1 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSCOPE 2 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSPHERE

GS EARTH ATMOSPHERE
HOMOSPHERE
MIDDLE ATMOSPHERE
STRATOSPHERE
RT CHEMOSPHERE
HOMOSPHERE
ISOTHERMAL LAYERS
STRATOPAUSE

STRATOSPHERE RADIATION

GS ATMOSPHERIC RADIATION
STRATOSPHERE RADIATION

STRATOSPHERE RADIATION-(CONT)

RT CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
∞ RADIATION
SKY RADIATION
TROPOSPHERIC RADIATION

STRATOSPHERIC AEROSOL & GAS EXPERIMENT

USE SAGE SATELLITE

STRATOTANKER AIRCRAFT

USE C-135 AIRCRAFT

STRATUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
STRATUS CLOUDS
RT FOG
NIMBOSTRATUS CLOUDS
STRATOCUMULUS CLOUDS

STREAK CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
STREAK CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
STREAK CAMERAS
RT CAMERA SHUTTERS
CINEMATOGRAPHY
LENSES

STREAK PHOTOGRAPHY

GS PHOTOGRAPHY
STREAK PHOTOGRAPHY
RT CAMERAS
ELECTRO-OPTICAL PHOTOGRAPHY
HIGH SPEED CAMERAS
IMAGING TECHNIQUES

STREAM FUNCTIONS (FLUIDS)

RT INCOMPRESSIBLE FLOW
POTENTIAL THEORY
STOKES-BELTRAMI EQUATION
STREAMS
TWO DIMENSIONAL FLOW

STREAMLINE FLOW

USE LAMINAR FLOW

STREAMLINED BODIES

GS SYMMETRICAL BODIES
STREAMLINED BODIES
FAIRINGS
RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
AXISYMMETRIC BODIES
∞ BODIES
BODIES OF REVOLUTION
MISSILE BODIES
OGIVES
SLENDER BODIES
STREAMLINING
TOWED BODIES

STREAMLINING

RT ACOUSTIC STREAMING
AIR FLOW
AIRCRAFT DESIGN
AIRCRAFT STRUCTURES
AIRFOIL PROFILES
AIRFOILS
FAIRINGS
FLUID DYNAMICS
FRICTION REDUCTION
HELICOPTER DESIGN
HYDROFOILS
∞ PROFILES
SKIN FRICTION
STREAMLINED BODIES

STREAMS

GS STREAMS
GAS STREAMS
RT AIR FLOW
ALLUVIUM
AQUIFERS
DELAWARE RIVER BASIN (US)
FLUID FLOW
GAS FLOW
HYDROLOGY
HYDROLOGY MODELS

STREETS

STREAMS-(CONT)

INTERNATIONAL HYDROLOGICAL
DECADE
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LIMNOLOGY
MEANDERS
RAPIDS
RESERVOIRS
RIVERS
STREAM FUNCTIONS (FLUIDS)
SURFACE WATER
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
WADIS

STREETS

RT HIGHWAYS
INTERSECTIONS
PAVEMENTS
ROADS
∞ TUNNELS
URBAN PLANNING
URBAN RESEARCH

∞ STRENGTH

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COLD STRENGTH
COMPRESSIVE STRENGTH
CREEP RUPTURE STRENGTH
CREEP STRENGTH
ELECTRIC FIELD STRENGTH
FIBER STRENGTH
FIELD STRENGTH
FRACTURE STRENGTH
HIGH STRENGTH
IMPACT STRENGTH
MECHANICAL PROPERTIES
MICROYIELD STRENGTH
MUSCULAR STRENGTH
NOTCH STRENGTH
RESIDUAL STRENGTH
SHEAR STRENGTH
TENSILE STRENGTH
WELD STRENGTH
YIELD STRENGTH

STRENGTH OF MATERIALS

USE MECHANICAL PROPERTIES

STREPTOCOCCUS

GS MICROORGANISMS
BACTERIA
STREPTOCOCCUS

STREPTOMYCETES

GS FUNGI
STREPTOMYCETES
MICROORGANISMS
BACTERIA
STREPTOMYCETES

STREPTOMYCIN

GS DRUGS
ANTIBIOTICS
STREPTOMYCIN
STEROIDS
STREPTOMYCIN

∞ STRESS (BIOLOGY)

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ∞ BIOLOGY
PATHOLOGICAL EFFECTS
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)

STRESS (PHYSIOLOGY)

GS STRESS (PHYSIOLOGY)
ACCELERATION STRESSES
(PHYSIOLOGY)
CENTRIFUGING STRESS
RT ACCELERATION (PHYSICS)
ACCLIMATIZATION
AEROEMBOLISM
ANGINA PECTORIS
ANOXIA
BIODYNAMICS
DEPRIVATION

STRESS (PHYSIOLOGY)-(CONT)

EXERCISE PHYSIOLOGY
FATIGUE (BIOLOGY)
FLIGHT STRESS (BIOLOGY)
GRAVITATIONAL PHYSIOLOGY
HOMEOSTASIS
HYPERKINESIA
HYPOXIA
LOWER BODY NEGATIVE PRESSURE
MUSCULAR FATIGUE
PALMAR SWEAT INDEX
PHYSIOLOGY
PRESSURE BREATHING
SPACE FLIGHT STRESS
∞ STRESS (BIOLOGY)
STRESS (PSYCHOLOGY)
UNDERWATER PHYSIOLOGY

STRESS (PSYCHOLOGY)

UF MENTAL STRESS
RT FATIGUE (BIOLOGY)
FLIGHT STRESS (BIOLOGY)
MENTAL PERFORMANCE
PALMAR SWEAT INDEX
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS
PSYCHOLOGY
SPACE FLIGHT STRESS
SPACE PSYCHOLOGY
∞ STRESS (BIOLOGY)
STRESS (PHYSIOLOGY)
WORKLOADS (PSYCHOPHYSIOLOGY)

STRESS ANALYSIS

UF STRESS CALCULATIONS
GS STRESS ANALYSIS
BOUNDARY ELEMENT METHOD
SCHWARTZ METHOD
X RAY STRESS ANALYSIS
RT AIRY FUNCTION
∞ ANALYZING
BENDING MOMENTS
BENDING THEORY
CASTIGLIANO VARIATIONAL THEOREM
COMBINED STRESS
CONSTRUCTION
CREEP ANALYSIS
DONNELL EQUATIONS
ENERGY METHODS
EULER BUCKLING
∞ FLIGHT STRESS
FRINGE MULTIPLICATION
INELASTIC STRESS
INFLUENCE COEFFICIENT
ISOPARAMETRIC FINITE ELEMENTS
MECHANICAL ENGINEERING
MICHELL THEOREM
MOIRE FRINGES
MOMENTS OF INERTIA
NASTRAN
PHOTOELASTIC ANALYSIS
PHOTOELASTICITY
REISSNER THEORY
S-N DIAGRAMS
SAINT VENANT PRINCIPLE
SHALLOW SHELL EQUATIONS
STRESSES
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN
STRUCTURAL ENGINEERING
TEMPERATURE INVERSIONS
X RAY ANALYSIS

STRESS CALCULATIONS

USE STRESS ANALYSIS

STRESS CONCENTRATION

UF STRAIN DISTRIBUTION
STRESS DISTRIBUTION
STRESS-STRAIN DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
STRESS CONCENTRATION
RT COMBINED STRESS
CONCENTRATING
CRACK INITIATION
CRACKING (FRACTURING)
ELBER EQUATION
FATIGUE (MATERIALS)
FATIGUE TESTS
FORCE DISTRIBUTION
FRINGE MULTIPLICATION
HOLE DISTRIBUTION (MECHANICS)
HOLE GEOMETRY (MECHANICS)
IMPACT STRENGTH
IMPACT TESTS

NASA THESAURUS (VOLUME 1)

STRESS CONCENTRATION-(CONT)

LOADS (FORCES)
MECHANICAL PROPERTIES
MICROMECHANICS
MOIRE FRINGES
MOMENT DISTRIBUTION
NOTCH STRENGTH
NOTCH TESTS
PERFORATED PLATES
PERFORATED SHELLS
SAINT VENANT PRINCIPLE
STRESS-STRAIN RELATIONSHIPS
STRESSES
STRUCTURAL STRAIN

STRESS CORROSION

GS CORROSION
RT STRESS CORROSION
CRACKING (FRACTURING)
FRETTING CORROSION
INTERGRANULAR CORROSION
METAL FATIGUE
SALT SPRAY TESTS
TRANSGRANULAR CORROSION

STRESS CORROSION CRACKING

GS CRACKING (FRACTURING)
RT STRESS CORROSION CRACKING
CORROSION TESTS
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
METAL FATIGUE

STRESS CYCLES

GS CYCLES
STRESS CYCLES
MECHANICAL PROPERTIES
STRESS CYCLES
RT CYCLIC LOADS
ELBER EQUATION
FATIGUE (MATERIALS)
FATIGUE LIFE
FATIGUE TESTS
S-N DIAGRAMS
STRESSES

STRESS DISTRIBUTION

USE STRESS CONCENTRATION

STRESS FUNCTIONS

UF VON MISES THEORY
GS FUNCTIONS (MATHEMATICS)
STRESS FUNCTIONS
RT FRACTURING

STRESS INTENSITY FACTORS

RT BENDING THEORY
COMBINED STRESS
CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
FORCE DISTRIBUTION
FRACTURE MECHANICS
HOLE GEOMETRY (MECHANICS)
LOADS (FORCES)
NOTCH STRENGTH
PLANE STRAIN
TENSILE STRESS

STRESS MEASUREMENT

GS MECHANICAL MEASUREMENT
STRESS MEASUREMENT
X RAY STRESS MEASUREMENT
RT DEFORMETERS
EXTENSOMETERS
PHOTOELASTIC ANALYSIS
S-N DIAGRAMS
STRAIN GAGES
TENSOMETERS
VIBRATION MEASUREMENT

STRESS PROPAGATION

GS TRANSMISSION
RT STRESS PROPAGATION
ELASTIC WAVES
PLASTIC DEFORMATION
∞ PROPAGATION

STRESS RATIO

GS MECHANICAL PROPERTIES
STRESS RATIO
RATIOS
STRESS RATIO

STRESS RATIO-(CONT)

RT FATIGUE (MATERIALS)
FATIGUE TESTS
MODULAR RATIOS
PRESSURE RATIO
S-N DIAGRAMS

STRESS RELAXATION

GS MECHANICAL PROPERTIES
STRESS RELAXATION
RELAXATION (MECHANICS)
STRESS RELAXATION
RT ANELASTICITY
BORDONI PEAKS
CREEP ANALYSIS
CREEP DIAGRAMS
CREEP PROPERTIES
DUCTILITY
FATIGUE (MATERIALS)
PLASTIC DEFORMATION
PLASTIC FLOW
PLASTIC MEMORY
PLASTIC PROPERTIES
∞ RECOVERY
RESIDUAL STRESS
SHEAR PROPERTIES
STRESSES
TEMPERATURE INVERSIONS

STRESS RELIEVING

GS HEAT TREATMENT
STRESS RELIEVING
RELIEVING
STRESS RELIEVING
RT ALLOYS
ANNEALING
FATIGUE (MATERIALS)
∞ RECOVERY
RESIDUAL STRESS
STABILIZATION
STRAIN HARDENING
TEMPERING

STRESS RUPTURE STRENGTH

USE CREEP RUPTURE STRENGTH

STRESS TENSORS

GS ALGEBRA
TENSORS
STRESS TENSORS
RT CONTINUUM MECHANICS
ELASTIC PROPERTIES
FRACTURE MECHANICS
PLASTIC PROPERTIES
STRUCTURAL DESIGN

STRESS WAVES

GS ELASTIC WAVES
STRESS WAVES
RT ACOUSTIC EMISSION
SHOCK LAYERS
SHOCK WAVES
STRESSES
TEMPERATURE INVERSIONS
WAVE PROPAGATION
∞ WAVES

STRESS-STRAIN DIAGRAMS

GS DIAGRAMS
STRESS-STRAIN DIAGRAMS
RT AXIAL STRAIN
HOOKES LAW
INELASTIC STRESS
MODULUS OF ELASTICITY
POISSON RATIO
PROPORTIONAL LIMIT
SHAPE MEMORY ALLOYS
SHEAR PROPERTIES
STRAIN MEASUREMENT
STRUCTURAL STRAIN
YIELD STRENGTH

STRESS-STRAIN DISTRIBUTION

USE STRESS CONCENTRATION

STRESS-STRAIN RELATIONSHIPS

RT ELASTIC DEFORMATION
PLANE STRAIN
PLASTIC DEFORMATION
∞ RELATIONSHIPS
RESIDUAL STRESS
STRAIN MEASUREMENT
STRESS CONCENTRATION
STRUCTURAL STRAIN
YIELD STRENGTH

STRESS-STRAIN-TIME RELATIONS

RT CREEP DIAGRAMS
NEWTONIAN FLUIDS
THERMOVISCOELASTICITY

STRESSED-SKIN STRUCTURES

RT MONOCOQUE STRUCTURES
SKIN (STRUCTURAL MEMBER)
SPHERICAL SHELLS
∞ STRUCTURES
THIN WALLED SHELLS

STRESSES

GS **STRESSES**
AXIAL STRESS
COMBINED STRESS
CRITICAL LOADING
PHOTOSTRESSES
RESIDUAL STRESS
REYNOLDS STRESS
SHEAR STRESS
TORSIONAL STRESS
TENSILE STRESS
THERMAL STRESSES
TRIAxIAL STRESSES
VIBRATIONAL STRESS
RT BUCKLING
CRACKS
CREEP PROPERTIES
DESTRUCTION
FATIGUE (MATERIALS)
∞ FLIGHT STRESS
IMPACT
LOADS (FORCES)
MECHANICAL PROPERTIES
MICROYIELD STRENGTH
PRESTRESSING
ROLLING CONTACT LOADS
SHEAR PROPERTIES
STRESS ANALYSIS
STRESS CONCENTRATION
STRESS CYCLES
STRESS RELAXATION
STRESS WAVES
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TRIBOLUMINESCENCE
X RAY STRESS ANALYSIS
YIELD STRENGTH

STRETCH FORMING

RT BULGING
COLD WORKING
∞ DRAWING
METAL DRAWING
METAL WORKING
STRETCHING

STRETCHERS

GS MEDICAL EQUIPMENT
STRETCHERS
RT FIRST AID

STRETCHING

UF DILATATION
RT COLD WORKING
DEEP DRAWING
DILATATIONAL WAVES
DISTORTION
∞ DRAWING
DUCTILITY
ELASTIC DEFORMATION
ELONGATION
METAL WORKING
PLASTIC DEFORMATION
STRETCH FORMING
TEMPERING
∞ TENSION
WINDING

STRIATION

RT GROOVING
MUSCULOSKELETAL SYSTEM
SHATTER CONES

STRINGERS

GS STRUCTURAL MEMBERS
STRINGERS
RT LONGERONS
REINFORCEMENT (STRUCTURES)
STRUCTURAL STABILITY

STRINGS

RT ASSEMBLIES
CORDAGE

STRONGLY COUPLED PLASMAS**STRIP**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT AIRPORTS
CIRCUITS
DISPLAY DEVICES
METAL STRIPS
RIBBONS
RUNWAYS

STRIP MINING

GS MINING
STRIP MINING
RT CLAYS
COAL
EARTH RESOURCES
EXCAVATION
EXPLOITATION
MINERAL DEPOSITS
MINES (EXCAVATIONS)
SOILS

STRIP TRANSMISSION LINES

GS TRANSMISSION LINES
STRIP TRANSMISSION LINES
RT ANTENNA FEEDS
TRANSMISSION CIRCUITS

STRIPPING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ANODIC STRIPPING
ION STRIPPING
PEELING
STRIPPING (DISTILLATION)

STRIPPING (DISTILLATION)

GS DISTILLATION
STRIPPING (DISTILLATION)
RT ∞ SEPARATION
∞ STRIPPING
VAPORIZING

STROBOSCOPES

GS OPTICAL EQUIPMENT
STROBOSCOPES
RT BALLISTIC CAMERAS
HIGH SPEED CAMERAS
OPTICAL MEASUREMENT
SYNCHRONISM
TIME MEASUREMENT
VELOCITY MEASUREMENT

STROKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CEREBRAL VASCULAR ACCIDENTS
THERMODYNAMIC CYCLES

STROKING TESTS

GS VIBRATION TESTS
DAMPING TESTS
STROKING TESTS
RT DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
MODAL RESPONSE
SHOCK SPECTRA
∞ TESTS
TRANSIENT RESPONSE
WAVE EXCITATION

STRONG INTERACTIONS (FIELD THEORY)

GS FIELD THEORY (PHYSICS)
**STRONG INTERACTIONS (FIELD
THEORY)**
PARTICLE INTERACTIONS
NUCLEAR INTERACTIONS
**STRONG INTERACTIONS (FIELD
THEORY)**
RT ∞ INTERACTIONS
∞ THEORIES
WEAK INTERACTIONS (FIELD THEORY)

STRONGLY COUPLED PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
DENSE PLASMAS

STRONTIUM

STRONGLY COUPLED PLASMAS-(CONT)
STRONGLY COUPLED PLASMAS
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
 DENSE PLASMAS
STRONGLY COUPLED PLASMAS
 RT CONTROLLED FUSION
 COSMIC PLASMA
 COUPLED MODES
 HIGH TEMPERATURE PLASMAS
 INERTIAL CONFINEMENT FUSION
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA COMPRESSION
 PLASMA CONDUCTIVITY
 PLASMA DENSITY
 PLASMA EQUILIBRIUM
 PLASMA FOCUS

STRONTIUM
 GS CHEMICAL ELEMENTS
STRONTIUM
 STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 METALS
STRONTIUM
 STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90

STRONTIUM BROMIDES
 GS HALOGEN COMPOUNDS
 BROMINE COMPOUNDS
 BROMIDES
STRONTIUM BROMIDES
 HALIDES
 BROMIDES
STRONTIUM BROMIDES
 METAL HALIDES
STRONTIUM BROMIDES
 STRONTIUM COMPOUNDS
STRONTIUM BROMIDES

STRONTIUM COMPOUNDS
 GS **STRONTIUM COMPOUNDS**
 STRONTIUM BROMIDES
 STRONTIUM FLUORIDES
 STRONTIUM SULFIDES
 STRONTIUM TITANATES
 STRONTIUM ZIRCONATES
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

STRONTIUM FLUORIDES
 GS HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
STRONTIUM FLUORIDES
 HALIDES
 METAL HALIDES
STRONTIUM FLUORIDES
 STRONTIUM COMPOUNDS
STRONTIUM FLUORIDES

STRONTIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 STRONTIUM
STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 METALS
 STRONTIUM
STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89

STRONTIUM ISOTOPES-(CONT)
 STRONTIUM 90

STRONTIUM SULFIDES
 GS CHALCOGENIDES
 SULFIDES
 INORGANIC SULFIDES
STRONTIUM SULFIDES
 STRONTIUM COMPOUNDS
STRONTIUM SULFIDES
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
STRONTIUM SULFIDES

STRONTIUM TITANATES
 GS STRONTIUM COMPOUNDS
STRONTIUM TITANATES
 TITANIUM COMPOUNDS
 TITANATES
STRONTIUM TITANATES

STRONTIUM ZIRCONATES
 GS STRONTIUM COMPOUNDS
STRONTIUM ZIRCONATES
 ZIRCONIUM COMPOUNDS
 ZIRCONATES
STRONTIUM ZIRCONATES

STRONTIUM 85
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
STRONTIUM 85
 STRONTIUM ISOTOPES
STRONTIUM 85
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 85
 METALS
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 85

STRONTIUM 87
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 STRONTIUM ISOTOPES
STRONTIUM 87
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 87
 METALS
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 87

STRONTIUM 88
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
STRONTIUM 88

STRONTIUM 89
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
STRONTIUM 89
 STRONTIUM ISOTOPES
STRONTIUM 89
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 89
 METALS
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 89

STRONTIUM 90
 GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
STRONTIUM 90
 STRONTIUM ISOTOPES
STRONTIUM 90
 STRONTIUM
 STRONTIUM ISOTOPES
STRONTIUM 90
 METALS
 STRONTIUM

NASA THESAURUS (VOLUME 1)

STRONTIUM 90-(CONT)
 STRONTIUM ISOTOPES
STRONTIUM 90

STROUHAL NUMBER
 GS RATIOS
 DIMENSIONLESS NUMBERS
STROUHAL NUMBER
 RT BACKWASH
 BUFFETING
 FLOW CHARACTERISTICS
 FLOW DISTRIBUTION
 FLOW STABILITY
 FROUDE NUMBER
 OSCILLATING FLOW
 SLIPSTREAMS
 TURBULENCE
 UNSTEADY FLOW
 VORTICES
 WAKES

STRUCTURAL ANALYSIS
 UF MEMBRANE ANALOGY
 MEMBRANE THEORY
 GS **STRUCTURAL ANALYSIS**
 DYNAMIC STRUCTURAL ANALYSIS
 ENERGY METHODS
 BERNSTEIN ENERGY PRINCIPLE
 STRAIN ENERGY METHODS
 EQUILIBRIUM METHODS
 FLUTTER ANALYSIS
 MATRIX METHODS
 RT ∞ ANALYZING
 CASTIGLIANO VARIATIONAL THEOREM
 CONSTRUCTION
 CONTINUUM MODELING
 CREEP ANALYSIS
 HOLE GEOMETRY (MECHANICS)
 INFLUENCE COEFFICIENT
 J INTEGRAL
 LOADING MOMENTS
 MEGAMECHANICS
 MICHELL THEOREM
 MODULAR RATIOS
 MOMENT DISTRIBUTION
 NASTRAN
 ORBITAL SPACE STATIONS
 ORBITAL SPACE TESTS
 PLATE THEORY
 SOLID MECHANICS
 STIFFNESS MATRIX
 STRESS ANALYSIS

STRUCTURAL BASINS
 UF BASINS
 CLOSED BASINS
 DEPRESSIONS (TOPOGRAPHY)
 SINKS (GEOLOGY)
 GS LANDFORMS
STRUCTURAL BASINS
 CIRQUES (LANDFORMS)
 GREAT BASIN (US)
 KALIHARI BASIN (AFRICA)
 KARST
 SINKHOLES
 KETTLES (GEOLOGY)
 LAKE CHAMPLAIN BASIN (NY-VT)
 RIVER BASINS
 ATCHAFALAYA RIVER BASIN (LA)
 CHENA RIVER BASIN (AK)
 COLUMBIA RIVER BASIN (ID-OR-WA)
 DELAWARE RIVER BASIN (US)
 FEATHER RIVER BASIN (CA)
 MISSOURI RIVER BASIN (US)
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)
 WABASH RIVER BASIN (IL-IN-OH)
 WADIS
 WATERSHEDS
 WILLISTON BASIN (NORTH AMERICA)
 RT GEOLOGY
 SEAMOUNTS
 VALLEYS

STRUCTURAL BEAMS
 USE BEAMS (SUPPORTS)

STRUCTURAL DESIGN
 GS **STRUCTURAL DESIGN**
 PRESSURE VESSEL DESIGN
 RT AEROELASTIC RESEARCH WINGS
 AIRCRAFT DESIGN
 AIRFRAME MATERIALS
 ARCHITECTURE
 BREAKWATERS

STRUCTURAL DESIGN-(CONT)

COMPUTER AIDED DESIGN
CONSTRUCTION
∞ DESIGN
HELICOPTER DESIGN
LOFTING
MISSILE DESIGN
PLANT DESIGN
PRODUCT DEVELOPMENT
SATELLITE DESIGN
SHIP HULLS
SHOCK SPECTRA
SPACECRAFT DESIGN
SPACECRAFT STRUCTURES
STRESS ANALYSIS
STRESS TENSORS
SUBSTRUCTURES
UNDERWATER STRUCTURES
WEIGHT REDUCTION

STRUCTURAL DESIGN CRITERIA

GS CRITERIA
RT **STRUCTURAL DESIGN CRITERIA**
AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
BENDING MOMENTS
COMPRESSION LOADS
CYCLIC LOADS
∞ DESIGN
DYNAMIC LOADS
GEOTECHNICAL ENGINEERING
GUST LOADS
IMPACT LOADS
LANDING LOADS
LOADS (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PRESSURE DISTRIBUTION
RANDOM LOADS
ROLLING CONTACT LOADS
SHOCK LOADS
STATIC LOADS
THRUST LOADS
TRANSIENT LOADS
VIBRATORY LOADS

STRUCTURAL DYNAMICS

USE DYNAMIC STRUCTURAL ANALYSIS

STRUCTURAL ENGINEERING

RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
CONSTRUCTION
∞ ENGINEERING
GEOTECHNICAL ENGINEERING
MEGAMECHANICS
MODULAR RATIOS
STRESS ANALYSIS

STRUCTURAL FAILURE

GS FAILURE
RT **STRUCTURAL FAILURE**
BENDING
BUCKLING
COLLAPSE
CRACKING (FRACTURING)
CREEP PROPERTIES
DEFORMATION
FATIGUE (MATERIALS)
FRACTURING
MECHANICAL PROPERTIES
SYSTEM FAILURES

STRUCTURAL FATIGUE

USE FATIGUE (MATERIALS)

STRUCTURAL FOUNDATIONS

USE FOUNDATIONS

STRUCTURAL INFLUENCE COEFFICIENTS

UF SIC (COEFFICIENT)
GS COEFFICIENTS
INFLUENCE COEFFICIENT
STRUCTURAL INFLUENCE
COEFFICIENTS

STRUCTURAL MATERIALS

USE CONSTRUCTION MATERIALS

STRUCTURAL MEMBERS

GS **STRUCTURAL MEMBERS**
BEAMS (SUPPORTS)
BOX BEAMS

STRUCTURAL MEMBERS-(CONT)

CANTILEVER BEAMS
CURVED BEAMS
I BEAMS
RECTANGULAR BEAMS
TIMOSHENKO BEAMS
COLUMNS (SUPPORTS)
TAPERED COLUMNS
FLAT PLATES
GIRDERS
LONGERONS
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
PLATES (STRUCTURAL MEMBERS)
ANISOTROPIC PLATES
ANNULAR PLATES
CANTILEVER PLATES
CIRCULAR PLATES
CORRUGATED PLATES
ELASTIC PLATES
END PLATES
GIRDER WEBS
METAL PLATES
BOILER PLATE
ORTHOTROPIC PLATES
PERFORATED PLATES
POROUS PLATES
REINFORCED PLATES
SADDLES (SUPPORTS)
STRAKES
STRINGERS
STRUTS
TRUSSES
WING PANELS
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
BARS
∞ CHANNELS
∞ COMPONENTS
CONCRETES
CONSTRUCTION
∞ CONSTRUCTION MATERIALS
FASTENERS
FOUNDATIONS
GUY WIRES
JOINTS (JUNCTIONS)
MASONRY
PYLON MOUNTING
PYLONS
RECTANGULAR PANELS
REINFORCEMENT (STRUCTURES)
RODS
SLABS
STIFFNESS MATRIX
∞ STRUCTURES
SUBSTRUCTURES
THICK WALLS

STRUCTURAL PROPERTIES (GEOLOGY)

UF LINEAMENT
GS GEOLOGY
RT **STRUCTURAL PROPERTIES (GEOLOGY)**
EARTH CORE
EARTH CRUST
EARTH MANTLE
EARTH PLANETARY STRUCTURE
EARTH SURFACE
FISSURES (GEOLOGY)
GEOPHYSICS
GREAT BASIN (US)
HYDROLOGY
INLIERS (LANDFORMS)
LANDFORMS
PLANETARY COMPOSITION
PLATES (TECTONICS)
∞ PROPERTIES
ROCK MECHANICS
SHATTER CONES
SINKHOLES
SUBDUCTION (GEOLOGY)

STRUCTURAL RELIABILITY

GS RELIABILITY
RT **STRUCTURAL RELIABILITY**
AIRCRAFT RELIABILITY
COMPONENT RELIABILITY
CUMULATIVE DAMAGE
QUALITY CONTROL

STRUCTURAL RIGIDITY

USE STRUCTURAL STABILITY

STRUCTURAL STABILITY

UF STRUCTURAL RIGIDITY
GS MECHANICAL PROPERTIES

STRUCTURAL STABILITY-(CONT)

DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
STABILITY
STATIC STABILITY
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
RT AIRCRAFT STABILITY
COMBUSTION VIBRATION
HYBRID STRUCTURES
LONGERONS
PLASTIC PROPERTIES
REINFORCEMENT (STRUCTURES)
RESONANCE TESTING
∞ RIGIDITY
STIFFNESS
STRINGERS
WAVE RESISTANCE

STRUCTURAL STRAIN

GS FATIGUE (MATERIALS)
RT **STRUCTURAL STRAIN**
AXIAL STRAIN
BENDING
BUCKLING
CRACKING (FRACTURING)
DEFLECTION
DEFORMATION
ELASTIC DEFORMATION
FAILURE
MOMENTS OF INERTIA
PLASTIC DEFORMATION
PRESTRESSING
REINFORCEMENT (STRUCTURES)
RUPTURING
SHEAR STRAIN
SHEARING
STRAIN MEASUREMENT
STRESS CONCENTRATION
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRESSES
SYSTEM FAILURES
TEMPERATURE INVERSIONS
TWISTING
VOLUMETRIC STRAIN
WARPAGE

STRUCTURAL VIBRATION

GS VIBRATION
RT **STRUCTURAL VIBRATION**
BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
LINEAR VIBRATION
MISSILE VIBRATION
SELF INDUCED VIBRATION
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
TORSIONAL VIBRATION
RT EARTHQUAKE RESISTANT STRUCTURES
FLEXIBLE SPACECRAFT
FLUTTER ANALYSIS
GYRODAMPERS
RANDOM VIBRATION
RESONANT VIBRATION
SHAKING
SHOCK SPECTRA
VIBRATION TESTS

STRUCTURAL WEIGHT

GS WEIGHT (MASS)
RT **STRUCTURAL WEIGHT**
MASS RATIOS
NEW MOONS PROJECT
WEIGHT ANALYSIS
WEIGHT REDUCTION

∞ STRUCTURES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT STRUCTURES
ARCHITECTURE
ATOMIC STRUCTURE
BREAKWATERS
BRIDGES (STRUCTURES)

STRUTS

STRUCTURES-(CONT)

COMPOSITE STRUCTURES
CONCRETE STRUCTURES
CONFIGURATION INTERACTION
CRYSTAL STRUCTURE
EARTH PLANETARY STRUCTURE
EARTHQUAKE RESISTANT STRUCTURES
EXPANDABLE STRUCTURES
FINE STRUCTURE
FOLDING STRUCTURES
FOUNDATIONS
FRAMES
GALACTIC STRUCTURE
HONEYCOMB STRUCTURES
HYBRID STRUCTURES
HYPERFINE STRUCTURE
INFLATABLE STRUCTURES
INTRAMOLECULAR STRUCTURES
ISOTENSOID STRUCTURES
LARGE SPACE STRUCTURES
MEMBRANE STRUCTURES
MICROSTRUCTURE
MISSILE STRUCTURES
MOLECULAR STRUCTURE
MONOCOQUE STRUCTURES
PLANAR STRUCTURES
REDUNDANT COMPONENTS
RIGID STRUCTURES
RING STRUCTURES
SANDWICH STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACECRAFT STRUCTURES
STEEL STRUCTURES
STELLAR STRUCTURE
STRESSED-SKIN STRUCTURES
STRUCTURAL MEMBERS
SUBSTRUCTURES
TANKS (CONTAINERS)
TOWERS
TRUSSES
UNIMOLECULAR STRUCTURES
VARIABLE GEOMETRY STRUCTURES
WELDED STRUCTURES
WOODEN STRUCTURES

STRUTS

GS STRUCTURAL MEMBERS
STRUTS
RT CHASSIS
COLUMNS (SUPPORTS)
FRAMES
PYLONS
SUPPORTS
TRUSSES

STRYCHNINE

GS POISONS
STRYCHNINE
RT ALKALOIDS
STIMULANTS

STS

USE SPACE TRANSPORTATION SYSTEM

STS-1

USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT

STS-2

USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT

STS-3

USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT

STS-4

USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT

STS-5

USE SPACE SHUTTLE MISSION 31-A

STS-6

USE SPACE SHUTTLE MISSION 31-B

STS-7

USE SPACE SHUTTLE MISSION 31-C

STS-8

USE SPACE SHUTTLE MISSION 31-D

STS-9

USE SPACE SHUTTLE MISSION 41-A

STS-11

USE SPACE SHUTTLE MISSION 41-B

STS-13

USE SPACE SHUTTLE MISSION 41-C

STS-14

USE SPACE SHUTTLE MISSION 41-D

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USE SPACE SHUTTLE MISSION 41-G

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USE SPACE SHUTTLE MISSION 51-A

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USE SPACE SHUTTLE MISSION 51-C

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USE SPACE SHUTTLE MISSION 51-E

STS-23

USE SPACE SHUTTLE MISSION 51-D

STS-24

USE SPACE SHUTTLE MISSION 51-B

STS-25

USE SPACE SHUTTLE MISSION 51-G

STS-26

USE SPACE SHUTTLE MISSION 51-F

STS-27

USE SPACE SHUTTLE MISSION 51-I

STS-28

USE SPACE SHUTTLE MISSION 51-J

STS-29

USE SPACE SHUTTLE MISSION 61-A

STS-30

USE SPACE SHUTTLE MISSION 61-A

STS-31

USE SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 61-B

STS-32

USE SPACE SHUTTLE MISSION 61-C

STS-33

USE SPACE SHUTTLE MISSION 51-L

STS-34

USE SPACE SHUTTLE MISSION 61-E

STUDENTS

UF TRAINEES
RT EDUCATION
INSTRUCTORS
LEARNING
TRAINING EVALUATION
UNIVERSITIES

STUDIES

USE INVESTIGATION

STUDS (STRUCTURAL MEMBERS)

RT ANCHORS (FASTENERS)
BOLTS
COLUMNS (SUPPORTS)
FASTENERS
HOLDERS
LUGS
PINS
SCREWS
WALLS

STURM-LIOUVILLE OPERATOR

USE STURM-LIOUVILLE THEORY

STURM-LIOUVILLE THEORY

UF STURM-LIOUVILLE OPERATOR
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
STURM-LIOUVILLE THEORY
RT DIFFERENTIAL EQUATIONS
LAMB WAVES
LAME WAVE EQUATIONS
THEORIES

NASA THESAURUS (VOLUME 1)

STYLUSES

USE PENS

STYPHNATES

GS EXPLOSIVES
STYPHNATES
RT CHEMICAL COMPOUNDS
INITIATORS (EXPLOSIVES)

STYRENES

GS STYRENES
POLYSTYRENE
STYROFOAM (TRADEMARK)
RT BUNA (TRADEMARK)

STYROFOAM (TRADEMARK)

GS STYRENES
POLYSTYRENE
STYROFOAM (TRADEMARK)
RT FOAMS
PLASTICS
POLYMERS

SUBARCTIC REGIONS

GS REGIONS
SUBARCTIC REGIONS
RT ARCTIC REGIONS

SUBASSEMBLIES

UF SUBCIRCUITS
GS ASSEMBLIES
SUBASSEMBLIES
RT ACCESSORIES
COMPONENTS

SUBAUDIBLE FREQUENCIES

GS FREQUENCIES
RADIO FREQUENCIES
LOW FREQUENCIES
SUBAUDIBLE FREQUENCIES
RANGE (EXTREMES)
FREQUENCY RANGES
SUBAUDIBLE FREQUENCIES
RT FREQUENCY DISTRIBUTION
HARMONICS
ZERO SOUND

SUBCARRIER WAVES

USE CARRIER WAVES

SUBCIRCUITS

USE CIRCUITS
SUBASSEMBLIES

SUBCONTRACTS

GS CONTRACTS
SUBCONTRACTS
RT AGREEMENTS
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
CONTRACTORS
ESTIMATES
GRANTS
OPTIONS
PROCUREMENT

SUBCRITICAL FLOW

GS FLUID FLOW
SUBCRITICAL FLOW
RT CRITICAL FLOW
FLOW CHARACTERISTICS
GAS FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

SUBCRITICAL MASS

GS MASS
SUBCRITICAL MASS
RT CRITICAL MASS
NUCLEAR FISSION
NUCLEAR REACTIONS

SUBDIVISIONS

RT ∞ DIVISION
 ∞ GROUPS
 ∞ SECTIONS
 SET THEORY
 SUBGROUPS
 SUBSIDIARIES

SUBDUCTION (GEOLOGY)

GS GEOLOGY
 SUBDUCTION (GEOLOGY)
 RT EARTH MANTLE
 EARTHQUAKES
 LITHOSPHERE
 PLATES (TECTONICS)
 SEISMOLOGY
 STRUCTURAL PROPERTIES (GEOLOGY)
 TECTONICS

SUBDWARF STARS

GS CELESTIAL BODIES
 STARS
 DWARF STARS
 SUBDWARF STARS
 RT MAIN SEQUENCE STARS
 RED DWARF STARS
 WHITE DWARF STARS

SUBGIANT STARS

GS CELESTIAL BODIES
 STARS
 SUBGIANT STARS
 RT CARBON STARS
 DWARF STARS
 GIANT STARS
 LATE STARS
 M STARS
 MAIN SEQUENCE STARS
 STELLAR EVOLUTION
 SUPERGIANT STARS

SUBGRAVITY

USE REDUCED GRAVITY

SUBGROUPS

UF SUBLATTICES
 GS ALGEBRA
 GROUP THEORY
 HOMOMORPHISMS
 SUBGROUPS
 RT MATRICES (MATHEMATICS)
 NUMBER THEORY
 PROBABILITY THEORY
 SET THEORY
 SUBDIVISIONS
 SUBSIDIARIES

SUBHARMONIC GENERATORS

RT DAMPING
 ∞ GENERATORS
 HARMONIC GENERATORS
 HARMONIC OSCILLATORS
 HARMONICS
 OSCILLATORS
 SIGNAL GENERATORS
 STIMULATED EMISSION DEVICES

SUBIC PROJECT

USE SUBMARINE INTEGRATED CONTROL PROJECT

SUBJECTS

GS CLASSIFICATIONS
 SUBJECTS
 RT HANDBOOKS
 INFORMATION RETRIEVAL
 TEXTBOOKS

SUBLATTICES

USE LATTICES (MATHEMATICS)
 SUBGROUPS

SUBLAYERS

USE SUBSTRATES

SUBLETHAL DOSAGE

GS DOSAGE
 SUBLETHAL DOSAGE
 RT DRUGS

SUBLIMATION

GS PHASE TRANSFORMATIONS
 VAPORIZING
 SUBLIMATION

SUBLIMATION-(CONT)

RT ABLATION
 BENEFICIATION
 CONDENSING
 CRYSTALLIZATION
 DESORPTION
 DIFFUSION
 EVAPORATION
 GAS-METAL INTERACTIONS
 GAS-SOLID INTERFACES
 PHASE CHANGE MATERIALS
 PURIFICATION
 PYROMETALLURGY
 REFINING
 ∞ SEPARATION
 VAPOR PRESSURE

SUBLIMINAL STIMULI

RT PSYCHOLOGY
 SENSORY STIMULATION
 ∞ STIMULI

SUBMARINE CABLES

GS TRANSMISSION LINES
 SUBMARINE CABLES
 RT ∞ CABLES
 COAXIAL CABLES
 COMMUNICATION CABLES
 POWER LINES

SUBMARINE INTEGRATED CONTROL PROJECT

UF SUBIC PROJECT
 GS PROGRAMS
 PROJECTS
 SUBMARINE INTEGRATED CONTROL PROJECT
 RT ∞ CONTROL

SUBMARINE PROPULSION

GS PROPULSION
 MARINE PROPULSION
 UNDERWATER PROPULSION
 SUBMARINE PROPULSION

SUBMARINES

GS WATER VEHICLES
 SHIPS
 SUBMARINES
 BALLISTIC MISSILE SUBMARINES
 GUIDED MISSILE SUBMARINES
 TRIDENT SUBMARINE
 UNDERWATER VEHICLES
 SUBMARINES
 BALLISTIC MISSILE SUBMARINES
 GUIDED MISSILE SUBMARINES
 TRIDENT SUBMARINE
 RT ANTISHIP MISSILES
 ANTISHIP WARFARE
 ANTISUBMARINE WARFARE
 ∞ MILITARY VEHICLES
 NAVY
 NUCLEAR POWERED SHIPS
 SEAFARER PROJECT
 SHIP HULLS
 SUBMERGED BODIES

SUBMERGED BODIES

GS SUBMERGED BODIES
 DIVING (UNDERWATER)
 UNDERWATER RESEARCH
 LABORATORIES
 RT SUBMARINES
 TORPEDOES
 TOWED BODIES
 UNDERWATER ENGINEERING
 UNDERWATER PHOTOGRAPHY
 UNDERWATER STRUCTURES
 UNDERWATER VEHICLES
 WATER IMMERSION

SUBMERGING

UF IMMERSION
 RT BATHS
 DIPPING
 QUENCHING (COOLING)
 SINKING
 ∞ SOAKING
 WATER IMMERSION
 WEIGHTLESSNESS SIMULATION
 WETTING

SUBMERSIBLE AIRCRAFT

RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 LIGHT AIRCRAFT

SUBMERSIBLE AIRCRAFT-(CONT)

∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT

SUBMILLIMETER WAVES

SN (BELOW 1 MILLIMETER)
 GS ELECTROMAGNETIC RADIATION
 RADIO WAVES
 SHORT WAVE RADIATION
 SUBMILLIMETER WAVES
 RT BEAMS (RADIATION)
 ELECTROMAGNETIC NOISE
 FAR INFRARED RADIATION
 FREQUENCIES
 MICROWAVES
 MILLIMETER WAVES
 WAVELENGTHS

SUBMINIATURIZATION

GS MINIATURIZATION
 SUBMINIATURIZATION
 RT ELECTRONIC MODULES
 MICROMINIATURIZATION
 MINIATURE ELECTRONIC EQUIPMENT
 PRINTED CIRCUITS

SUBORBITAL FLIGHT

RT ∞ FLIGHT
 MANNED SPACE FLIGHT
 ORBITS
 PARABOLIC FLIGHT
 ROCKET FLIGHT
 SPACE FLIGHT
 WEIGHTLESSNESS

SUBREFLECTORS

RT CASSEGRAIN ANTENNAS
 CONDUCTORS
 REFLECTORS
 SCANNERS

SUBROC MISSILE

GS MISSILES
 BALLISTIC MISSILES
 FIELD ARMY BALLISTIC MISSILES
 SUBROC MISSILE
 SURFACE TO SURFACE MISSILES
 FLEET BALLISTIC MISSILES
 SUBROC MISSILE
 UNDERWATER TO SURFACE MISSILES
 SUBROC MISSILE
 RT UNDERWATER TRAJECTORIES

SUBROUTINE LIBRARIES (COMPUTERS)

GS COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 SUBROUTINE LIBRARIES (COMPUTERS)
 RT SUBROUTINES

SUBROUTINES

GS COMPUTER PROGRAMS
 SUBROUTINES
 DATA CONVERSION ROUTINES
 SUBROUTINES
 RT COMPILERS
 PARSING ALGORITHMS
 SUBROUTINE LIBRARIES (COMPUTERS)
 USER MANUALS (COMPUTER PROGRAMS)

SUBSETS (MATHEMATICS)

USE SET THEORY

SUBSIDENCE

RT ISOSTASY
 MINES (EXCAVATIONS)
 SETTLING

SUBSIDIARIES

RT ∞ DIVISION
 ∞ SECTIONS
 SUBDIVISIONS
 SUBGROUPS

∞ SUBSONIC AIRCRAFT

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)
 RT ∞ AIRCRAFT
 FLYING PLATFORMS

SUBSONIC FLOW

SUBSONIC AIRCRAFT-(CONT)

GENERAL AVIATION AIRCRAFT
GETOL AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
PARAGLIDERS
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUPERSONIC AIRCRAFT
TANDEM WING AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

SUBSONIC FLOW

GS FLUID FLOW
RT **SUBSONIC FLOW**
AERODYNAMICS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
INCOMPRESSIBLE FLOW
KARMAN VORTEX STREET
TRANSONIC FLOW

SUBSONIC FLUTTER

GS VIBRATION
STRUCTURAL VIBRATION
FLUTTER
SUBSONIC FLUTTER
SELF INDUCED VIBRATION
SUBSONIC FLUTTER
RT TRANSONIC FLUTTER

SUBSONIC SPEED

GS RATES (PER TIME)
SUBSONIC SPEED
VELOCITY
SUBSONIC SPEED
RT ACOUSTIC VELOCITY
LOW SPEED
TRANSONIC SPEED

SUBSONIC WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

SUBSTANCES

USE MATERIALS

SUBSTITUTES

UF SUBSTITUTION
RT ALTERNATIVES
REPLACING
VARIATIONS

SUBSTITUTION

USE SUBSTITUTES

SUBSTRATES

UF SUBLAYERS
GS STRATA
SUBSTRATES
RT COATINGS
LAMINATES
∞ LAYERS
METALLIZING
PHOTOMASKS
PLATING
PLY ORIENTATION
PRIMERS (COATINGS)

SUBSTRUCTURES

RT FLOORS
FOUNDATIONS
STRUCTURAL DESIGN
STRUCTURAL MEMBERS
∞ STRUCTURES

SUBSTRUCTURES-(CONT)

SUPPORTS
UNDERCARRIAGES
WALLS

SUBTRACTION

GS NUMBER THEORY
RT **SUBTRACTION**
ARITHMETIC
COMPUTATION

SUBTROPICAL REGIONS

USE TEMPERATE REGIONS
TROPICAL REGIONS

SUBURBAN AREAS

RT CITIES
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS

SUBZERO TEMPERATURE

GS TEMPERATURE
SUBZERO TEMPERATURE
RT ABSOLUTE ZERO
ATMOSPHERIC TEMPERATURE
COLD ACCLIMATIZATION
COLD TOLERANCE
COLD WEATHER

SUCCESS PROJECT

GS PROGRAMS
PROJECTS
SUCCESS PROJECT
WEAPON SYSTEMS
SUCCESS PROJECT

SUCCINIMIDES

GS NITROGEN COMPOUNDS
AMIDES
SUCCINIMIDES
IMIDES
SUCCINIMIDES

SUCROSE

GS ALIPHATIC COMPOUNDS
SUGARS
SUCROSE
CARBOHYDRATES
SUGARS
SUCROSE

SUCTION

RT EVACUATING (VACUUM)
PRESSURE EFFECTS
PRESSURE GRADIENTS
VACUUM
VACUUM APPARATUS
VACUUM PUMPS

SUD AVIATION AIRCRAFT

GS **SUD AVIATION AIRCRAFT**
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
SE-3160 HELICOPTER
CONCORDE AIRCRAFT
SA-321 HELICOPTER
SE-210 AIRCRAFT
VJ-101 AIRCRAFT
RT ∞ AIRCRAFT

SUD AVIATION SA-321 HELICOPTER

USE SA-321 HELICOPTER

SUD AVIATION SA-330 HELICOPTER

USE SA-330 HELICOPTER

SUD AVIATION SE-210 AIRCRAFT

USE SE-210 AIRCRAFT

SUD AVIATION SE-3160 HELICOPTER

USE SE-3160 HELICOPTER

SUD VJ-101 AIRCRAFT

USE VJ-101 AIRCRAFT

SUDAN

GS NATIONS
SUDAN
RT AFRICA

NASA THESAURUS (VOLUME 1)

SUDDEN ENHANCEMENT OF ATMOSPHERICS

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
SUDDEN ENHANCEMENT OF ATMOSPHERICS

SUDDEN IONOSPHERIC DISTURBANCES

UF GEOMAGNETIC CROTCHETS
SID (IONOSPHERIC DISTURBANCES)
GS IONOSPHERIC DISTURBANCES
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC DISTURBANCES
STORMS
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC DISTURBANCES
RT ∞ DISTURBANCES
MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
TRAVELING IONOSPHERIC DISTURBANCES

SUDDEN STORM COMMENCEMENTS

RT MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR FLARES
STORMS

SUGAR BEETS

GS FARM CROPS
SUGAR BEETS
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
IRRIGATION
SEEDS
SUGARS

SUGAR CANE

GS FARM CROPS
SUGAR CANE
PLANTS (BOTANY)
SUGAR CANE
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
∞ FOOD
IRRIGATION
SEEDS

SUGARS

GS ALIPHATIC COMPOUNDS
SUGARS
DEXTRANS
GALACTOSE
GLUCOSE
HEXOSES
INOSITOLS
LACTOSE
MANNITOL
MONOSACCHARIDES
RIBOSE
XYLOSE
PENTOSE
RIBOSE
XYLOSE
SUCROSE
CARBOHYDRATES
SUGARS
DEXTRANS
GALACTOSE
GLUCOSE
HEXOSES
INOSITOLS
LACTOSE
MANNITOL
MONOSACCHARIDES
RIBOSE
XYLOSE
PENTOSE
RIBOSE
XYLOSE

SUGARS-(CONT)

SUCROSE
RT ∞ FOOD
SUGAR BEETS

SUGGESTION

GS RECOMMENDATIONS
RT HYPNOSIS

SUHL EFFECT

RT CARRIER INJECTION
∞ EFFECTS
ELECTRONS
EXCITONS
HOLES (ELECTRON DEFICIENCIES)
MAGNETIC FIELDS
N-TYPE SEMICONDUCTORS
RECOMBINATION REACTIONS

SUITABILITY

RT ACCEPTABILITY
COMPATIBILITY

SUITS

GS CLOTHING
SUITS
PRESSURE SUITS
SPACE SUITS
RT GARMENTS

SULFATES

GS SULFUR COMPOUNDS
SULFATES
AMMONIUM SULFATES
BARITE
HYDROXYLAMINE SULFATE
LITHIUM SULFATES
MAGNESIUM SULFATES
HEXAHEDRITE
SODIUM SULFATES
RT GYPSUM
SULFURIC ACID

SULFATION

GS CHEMICAL REACTIONS
SULFATION
RT HYDROMETALLURGY
SULFIDATION

SULFIDATION

GS CHEMICAL REACTIONS
SULFIDATION
RT CORROSION RESISTANCE
GAS-METAL INTERACTIONS
HEAT RESISTANT ALLOYS
NICKEL ALLOYS
SULFATION
SULFIDES

SULFIDES

GS CHALCOGENIDES
SULFIDES
DISULFIDES
CARBON DISULFIDE
INORGANIC SULFIDES
BARIUM SULFIDES
BISMUTH SULFIDES
CADMIUM SULFIDES
CALCIUM SULFIDES
COPPER SULFIDES
ENARGITE
HYDROGEN SULFIDE
INDIUM SULFIDES
LEAD SULFIDES
MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
POLYSULFIDES
STRONTIUM SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
PYRITES
PYRRHOTITE
TROILITE
SULFUR COMPOUNDS
SULFIDES
DISULFIDES
CARBON DISULFIDE
INORGANIC SULFIDES
BARIUM SULFIDES
BISMUTH SULFIDES
CADMIUM SULFIDES
CALCIUM SULFIDES
COPPER SULFIDES

SULFIDES-(CONT)

ENARGITE
HYDROGEN SULFIDE
INDIUM SULFIDES
LEAD SULFIDES
MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
POLYSULFIDES
STRONTIUM SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
PYRITES
PYRRHOTITE
TROILITE
RT SULFIDATION
THIOPLASTICS

SULFITES

GS SULFUR COMPOUNDS
SULFITES
HYDROSULFITES
SODIUM SULFITES

SULFONATES

GS ESTERS
SULFONATES
SULFUR COMPOUNDS
SULFONATES
RT ∞ SALTS

SULFONES

GS SULFUR COMPOUNDS
SULFONES
RT SULFONIC ACID

SULFONIC ACID

GS ACIDS
SULFONIC ACID
RT SULFONES
SULFUR COMPOUNDS

SULFUR

GS CHEMICAL ELEMENTS
SULFUR
SULFUR ISOTOPES

SULFUR CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
SULFUR CHLORIDES
HALIDES
CHLORIDES
SULFUR CHLORIDES
SULFUR COMPOUNDS
SULFUR CHLORIDES

SULFUR COMPOUNDS

GS SULFUR COMPOUNDS
ALUM
ORGANIC SULFUR COMPOUNDS
SULFATES
AMMONIUM SULFATES
BARITE
HYDROXYLAMINE SULFATE
LITHIUM SULFATES
MAGNESIUM SULFATES
HEXAHEDRITE
SODIUM SULFATES
SULFIDES
DISULFIDES
CARBON DISULFIDE
INORGANIC SULFIDES
BARIUM SULFIDES
BISMUTH SULFIDES
CADMIUM SULFIDES
CALCIUM SULFIDES
COPPER SULFIDES
ENARGITE
HYDROGEN SULFIDE
INDIUM SULFIDES
LEAD SULFIDES
MOLYBDENUM SULFIDES
MOLYBDENUM DISULFIDES
POLYSULFIDES
STRONTIUM SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
PYRITES
PYRRHOTITE
TROILITE
SULFITES
HYDROSULFITES

SULFUR COMPOUNDS-(CONT)

SODIUM SULFITES
SULFONATES
SULFONES
SULFUR CHLORIDES
SULFUR FLUORIDES
SULFUR OXIDES
SULFUR DIOXIDES
SULFURIC ACID
THIAZINE (TRADEMARK)
THIOLS
CYSTEINE
DIMERCAPROL
RT BLOEDITE
∞ CHEMICAL COMPOUNDS
∞ GROUP 6A COMPOUNDS
SULFONIC ACID

SULFUR DIOXIDES

GS CHALCOGENIDES
OXIDES
DIOXIDES
SULFUR DIOXIDES
SULFUR OXIDES
SULFUR DIOXIDES
SULFUR COMPOUNDS
SULFUR OXIDES
SULFUR DIOXIDES

SULFUR FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
SULFUR FLUORIDES
HALIDES
FLUORIDES
SULFUR FLUORIDES
SULFUR COMPOUNDS
SULFUR FLUORIDES

SULFUR ISOTOPES

GS CHEMICAL ELEMENTS
SULFUR
SULFUR ISOTOPES

SULFUR OXIDES

GS CHALCOGENIDES
OXIDES
SULFUR OXIDES
SULFUR DIOXIDES
SULFUR COMPOUNDS
SULFUR OXIDES
SULFUR DIOXIDES
RT ACID RAIN
DIOXIDES

SULFURIC ACID

GS ACIDS
SULFURIC ACID
SULFUR COMPOUNDS
SULFURIC ACID
RT SULFATES

SUM RULES

GS RULES
SUM RULES
RT SUMS

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GS SUMMARIES
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POSTLAUNCH REPORTS
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GS SEASONS
SUMMER
RT AUTUMN
HOT WEATHER
SOLSTICES
SPRING (SEASON)
WINTER

SUMPS

RT DRAINAGE
PITS (EXCAVATIONS)
WASTE DISPOSAL

SUMS

SUMS
RT ALGEBRA
 AMOUNT
 ARITHMETIC
 COMPUTATION
 SERIES (MATHEMATICS)
 SUM RULES

SUN
UF SOLAR DISK
GS CELESTIAL BODIES
 STARS
SUN
RT AOSO
 ASTEC SOLAR TURBOELECTRIC GENERATOR
 CELESTIAL MECHANICS
 GRIST (TELESCOPE)
 LIGHT SOURCES
 OSO
 PHOTOSPHERE
 PLANETS
 SATELLITE SOLAR ENERGY CONVERSION
 SATELLITE SOLAR POWER STATIONS
 SOLAR ACTIVITY
 SOLAR ACTIVITY EFFECTS
 SOLAR ARRAYS
 SOLAR ATMOSPHERE
 SOLAR ATRIUMS
 SOLAR AUXILIARY POWER UNITS
 SOLAR BLANKETS
 SOLAR CELLS
 SOLAR COLLECTORS
 SOLAR COMPASSES
 SOLAR CONSTANT
 SOLAR COOLING
 SOLAR CORONA
 SOLAR CORPUSCULAR RADIATION
 SOLAR COSMIC RAYS
 SOLAR CYCLES
 SOLAR ECLIPSES
 SOLAR ELECTRIC PROPULSION
 SOLAR ELECTRONS
 SOLAR ENERGY
 SOLAR ENERGY ABSORBERS
 SOLAR ENERGY CONVERSION
 SOLAR FLARES
 SOLAR FLUX
 SOLAR FLUX DENSITY
 SOLAR FURNACES
 SOLAR GENERATORS
 SOLAR GRANULATION
 SOLAR GRAVITATION
 SOLAR HEATING
 SOLAR HOUSES
 SOLAR INSTRUMENTS
 SOLAR LIMB
 SOLAR LONGITUDE
 SOLAR MAGNETIC FIELD
 SOLAR MAXIMUM MISSION
 SOLAR MAXIMUM MISSION-A
 SOLAR MESOSPHERE EXPLORER
 SOLAR NEUTRINOS
 SOLAR OBLATENESS
 SOLAR OBSERVATORIES
 SOLAR ORBITS
 SOLAR OSCILLATIONS
 SOLAR PARALLAX
 SOLAR PHYSICS
 SOLAR PONDS (HEAT STORAGE)
 SOLAR POSITION
 SOLAR POWER SATELLITES
 SOLAR POWERED AIRCRAFT
 SOLAR PROBES
 SOLAR PROMINENCES
 SOLAR PROPULSION
 SOLAR PROTONS
 SOLAR RADAR ECHOES
 SOLAR RADIATION
 SOLAR RADIATION SHIELDING
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 SOLAR RADIO BURSTS
 SOLAR REFLECTORS
 SOLAR ROTATION
 SOLAR SAILS
 SOLAR SEA POWER PLANTS
 SOLAR SENSORS
 SOLAR SIMULATION
 SOLAR SIMULATORS
 SOLAR SPECTRA
 SOLAR SPECTROMETERS
 SOLAR STORMS
 SOLAR SYSTEM
 SOLAR TEMPERATURE

SUN-(CONT)

SOLAR TERRESTRIAL INTERACTIONS
 SOLAR THERMAL PROPULSION
 SOLAR TOTAL ENERGY SYSTEMS
 SOLAR VELOCITY
 SOLAR WIND
 SOLAR WIND VELOCITY
 SOLAR X-RAYS
 SUNLIGHT
 ULYSSES MISSION

SUN SENSORS
USE SOLAR SENSORS

SUNBLAZER SPACE PROBE
GS UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
SUNBLAZER SPACE PROBE
RT MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

SUNFLOWER POWER SYSTEM
GS AUXILIARY POWER SOURCES
 SOLAR AUXILIARY POWER UNITS
SUNFLOWER POWER SYSTEM
 ELECTRIC GENERATORS
 SOLAR GENERATORS
 SOLAR AUXILIARY POWER UNITS
SUNFLOWER POWER SYSTEM
RT SOLAR COLLECTORS
 ∞ SYSTEMS
 TURBOGENERATORS

SUNFLOWERS
GS FARM CROPS
SUNFLOWERS
 PLANTS (BOTANY)
SUNFLOWERS
RT AGRICULTURE
 CROP IDENTIFICATION
 ∞ CROPS
 EARTH RESOURCES

SUNGLASSES
RT EYE PROTECTION
 EYEPIECES
 GOGGLES
 OPTICAL FILTERS
 VISORS

SUNLIGHT
GS ELECTROMAGNETIC RADIATION
 LIGHT (VISIBLE RADIATION)
SUNLIGHT
 EXTRATERRESTRIAL RADIATION
 SOLAR RADIATION
SUNLIGHT
RT BLACK BODY RADIATION
 CIRCUMSOLAR RADIATION
 CLIMATOLOGY
 CLOUD COVER
 INFRARED RADIATION
 INSOLATION
 SKY
 SKY BRIGHTNESS
 SKY RADIATION
 SOLAR HEATING
 SUN
 THERMAL RADIATION
 ULTRAVIOLET RADIATION
 UMKEHR EFFECT
 ZODIACAL LIGHT

SUNRISE
RT MORNING
 ∞ SCIENCE
 SUNSET
 TERMINATOR LINES

SUNSET
RT EVENING
 ∞ SCIENCE
 SUNRISE
 TERMINATOR LINES

SUNSPOT CYCLE
GS CYCLES
 SOLAR CYCLES
SUNSPOT CYCLE
RT SOLAR ACTIVITY
 STARSPTS
 STELLAR ACTIVITY

NASA THESAURUS (VOLUME 1)

SUNSPOTS

GS STELLAR ACTIVITY
 SOLAR ACTIVITY
SUNSPOTS
RT FACULAE
 MAGNETIC DISTURBANCES
 PHOTOSPHERE
 SOLAR CYCLES
 SOLAR FLARES
 SOLAR TERRESTRIAL INTERACTIONS
 TWENTY-SEVEN DAY VARIATION

SUPER FORTRESS AIRCRAFT

USE RB-50 AIRCRAFT

SUPER SABRE AIRCRAFT

USE F-100 AIRCRAFT

SUPERALLOYS

USE HEAT RESISTANT ALLOYS

SUPERCAVITATING FLOW

UF SUPERCAVITATION
GS FLUID FLOW
 TURBULENT FLOW
SUPERCAVITATING FLOW
RT CAVITATION FLOW
 HYDROFOIL OSCILLATIONS

SUPERCAVITATION

USE SUPERCAVITATING FLOW

SUPERCHARGERS

UF SUPERCHARGING
 TURBOCHARGERS
GS COMPRESSORS
SUPERCHARGERS
RT AIR INTAKES
 BLOWERS
 CENTRIFUGAL COMPRESSORS
 COMPRESSING
 INTERNAL COMBUSTION ENGINES
 TURBOCOMPRESSORS
 TURBOMACHINERY

SUPERCHARGING

USE SUPERCHARGERS

SUPERCOMPUTERS

GS SUPERCOMPUTERS
 CRAY COMPUTERS

SUPERCONDUCTING MAGNETS

GS MAGNETS
 ELECTROMAGNETS
SUPERCONDUCTING MAGNETS
RT CRYOGENIC MAGNETS
 FLUX PUMPS
 HIGH FIELD MAGNETS
 MAGNET COILS
 MAGNETIC ENERGY STORAGE

SUPERCONDUCTING POWER TRANSMISSION

RT ∞ CONDUCTIVITY
 CRYOGENICS
 ELECTRIC POWER TRANSMISSION
 LOW TEMPERATURE PHYSICS
 POWER LINES
 TRANSITION TEMPERATURE
 TRANSMISSION LINES

SUPERCONDUCTING QUANTUM

INTERFEROMETERS
USE SQUID (DETECTORS)

SUPERCONDUCTIVITY

UF MEISSNER EFFECT
GS TRANSPORT PROPERTIES
 ELECTRICAL RESISTIVITY
SUPERCONDUCTIVITY
 KONDO EFFECT
RT ABRIKOSOV THEORY
 BCS THEORY
 BLOCH BAND
 ∞ CONDUCTIVITY
 CRYOGENICS
 CRYOTRONS
 ELECTRON PHONON INTERACTIONS
 ELECTRON TUNNELING
 FLUX PINNING
 FLUX PUMPS
 JOSEPHSON JUNCTIONS
 LANDAU FACTOR
 LANDAU-GINZBURG EQUATIONS

SUPERCONDUCTIVITY-(CONT)

LOW TEMPERATURE PHYSICS
 ∞ SOLID STATE PHYSICS
 SPIN GLASS
 TRANSITION TEMPERATURE
 TRAPPED MAGNETIC FIELDS
 VECTOR CURRENTS
 VORTICES

SUPERCONDUCTORS

GS CONDUCTORS
 SUPERCONDUCTORS
 RT ABRIKOSOV THEORY
 CARRIER MOBILITY
 CRYOGENIC COMPUTER STORAGE
 CRYOTRONS
 ELECTRON GAS
 ENERGY STORAGE
 PINNING
 PROXIMITY EFFECT (ELECTRICITY)
 SOLID STATE DEVICES
 SQUID (DETECTORS)
 THERMODYNAMIC COUPLING

SUPERCOOLING

GS COOLING
 SUPERCOOLING
 CRYOGENIC COOLING
 RT AGING (METALLURGY)
 AITKEN NUCLEI
 CONDENSING
 CONVECTION CLOUDS
 CRYSTALLIZATION
 HEAT TREATMENT
 MECHANICAL PROPERTIES
 NUCLEATION
 QUENCHING (COOLING)
 SUPERSATURATION

SUPERCRITICAL AIRFOILS

GS AIRFOILS
 SUPERCRITICAL AIRFOILS
 SUPERCRITICAL WINGS
 RT AIRFOIL PROFILES

SUPERCRITICAL FLOW

GS FLUID FLOW
 SUPERCRITICAL FLOW
 RT CRITICAL FLOW
 FLOW CHARACTERISTICS
 GAS FLOW
 LIQUID FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 TURBULENT FLOW
 UNSTEADY FLOW

SUPERCRITICAL FLUIDS

RT FLUID MECHANICS
 ∞ FLUIDS
 SOLUBILITY
 SUPERCRITICAL PRESSURES

SUPERCRITICAL PRESSURES

GS PRESSURE
 SUPERCRITICAL PRESSURES
 THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
 SUPERCRITICAL PRESSURES
 RT CRITICAL PRESSURE
 HIGH PRESSURE
 LIQUID PHASES
 SUPERCRITICAL FLUIDS
 VAPOR PHASES
 VAPOR PRESSURE

SUPERCRITICAL WINGS

GS AIRFOILS
 SUPERCRITICAL AIRFOILS
 SUPERCRITICAL WINGS
 WINGS
 SUPERCRITICAL WINGS
 RT CL-600 CHALLENGER AIRCRAFT
 SPANLOADER AIRCRAFT
 WING PROFILES
 ∞ WINGED VEHICLES

SUPERFLUID FLOW

USE SUPERFLUIDITY

SUPERFLUIDITY

UF SUPERFLUID FLOW
 RT COMPRESSIBLE FLUIDS
 ∞ FLUIDS
 INCOMPRESSIBLE FLUIDS
 KELVIN-HELMHOLTZ INSTABILITY
 LIQUID HELIUM
 LIQUID HELIUM 2
 MANY BODY PROBLEM
 QUANTUM STATISTICS
 TWO FLUID MODELS
 VISCOSITY
 VORTICES

SUPERGIANT STARS

GS CELESTIAL BODIES
 STARS
 SUPERGIANT STARS
 RT GIANT STARS
 M STARS
 SUBGIANT STARS

SUPERHARMONICS

GS HARMONICS
 SUPERHARMONICS
 RT CYCLES
 FREQUENCIES
 MACH NUMBER
 SUPERSONIC WIND TUNNELS
 SUPERSONICS

SUPERHEATING

GS HEATING
 SUPERHEATING
 RT STEAM

SUPERHETERODYNE RECEIVERS

GS COMMUNICATION EQUIPMENT
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 RADIO EQUIPMENT
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 RECEIVERS
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 RT BEAT FREQUENCIES
 HETERODYNING

SUPERHIGH FREQUENCIES

SN (3 TO 30 GHZ)
 UF KU BAND
 S BAND
 X BAND
 GS FREQUENCIES
 RADIO FREQUENCIES
 MICROWAVE FREQUENCIES
 SUPERHIGH FREQUENCIES
 RT C BAND
 CENTIMETER WAVES
 UNIFIED S BAND

SUPERHYBRID MATERIALS

GS COMPOSITE MATERIALS
 SUPERHYBRID MATERIALS
 GRAPHITE-EPOXY COMPOSITES
 RT BORON-EPOXY COMPOUNDS
 CARBON FIBER REINFORCED PLASTICS
 FIBER COMPOSITES
 ∞ MATERIALS
 REINFORCING FIBERS

SUPERIMPOSITION (MATHEMATICS)

USE SUPERPOSITION (MATHEMATICS)

SUPERLATTICES

GS CRYSTAL LATTICES
 SUPERLATTICES
 SEMICONDUCTORS (MATERIALS)
 SUPERLATTICES
 RT CRYSTAL DISLOCATIONS
 CRYSTAL STRUCTURE
 LATTICE PARAMETERS

SUPERMAGNETS

USE HIGH FIELD MAGNETS

SUPERMASSIVE STARS

GS CELESTIAL BODIES
 STARS
 SUPERMASSIVE STARS
 RT STELLAR MODELS
 STELLAR STRUCTURE

SUPERNOVA REMNANTS

RT BLACK HOLES (ASTRONOMY)
 NEUTRON STARS
 NORTH POLAR SPUR (ASTRONOMY)
 PULSARS
 RED DWARF STARS
 SUPERNOVAE
 WHITE DWARF STARS
 WHITE HOLES (ASTRONOMY)

SUPERNOVAE

GS CELESTIAL BODIES
 STARS
 VARIABLE STARS
 SUPERNOVAE
 RT CRAB NEBULA
 GRAVITATIONAL COLLAPSE
 NEBULAE
 NOVAE
 OPIK THEORY
 ORION NEBULA
 STELLAR MASS
 STELLAR MASS EJECTION
 STELLAR PHYSICS
 SUPERNOVA REMNANTS

SUPEROXIDES

USE INORGANIC PEROXIDES

SUPERPLASTICITY

GS MECHANICAL PROPERTIES
 PLASTIC PROPERTIES
 SUPERPLASTICITY
 RT CREEP PROPERTIES
 CRYSTAL DISLOCATIONS
 ELONGATION
 EUTECTIC ALLOYS
 HEAT RESISTANT ALLOYS
 PLASTIC DEFORMATION
 PLASTIC FLOW

SUPERPOSITION (MATHEMATICS)

UF SUPERIMPOSITION (MATHEMATICS)
 RT EQUIVALENT CIRCUITS
 LINEAR CIRCUITS
 ∞ MATHEMATICS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS

SUPERPRESSURE BALLOONS

UF CONSTANT VOLUME BALLOONS
 TETROONS
 GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 BALLOONS
 HIGH ALTITUDE BALLOONS
 SUPERPRESSURE BALLOONS
 RT BALLOON SOUNDING
 METEOROLOGICAL BALLOONS

SUPERROTATION

RT ATMOSPHERIC CIRCULATION
 EARTH ATMOSPHERE
 EARTH ROTATION
 ROTATING FLUIDS

SUPERSATURATION

RT CONDENSING
 CRYSTALLIZATION
 HEAT TREATMENT
 MAYER PROBLEM
 PRECIPITATION (CHEMISTRY)
 PRECIPITATION HARDENING
 QUENCHING (COOLING)
 SOLID SOLUTIONS
 SUPERCOOLING

SUPERSONIC AIRCRAFT

SN (AIRCRAFT DESIGNED TO FLY AT
 SPEEDS ABOVE MACH 1 AND BELOW
 MACH 5)
 UF TRANSONIC AIRCRAFT
 GS **SUPERSONIC AIRCRAFT**
 A-5 AIRCRAFT
 B-58 AIRCRAFT
 B-70 AIRCRAFT
 BOEING 733 AIRCRAFT
 D-558 AIRCRAFT
 F-5 AIRCRAFT
 F-8 AIRCRAFT
 F-14 AIRCRAFT
 F-15 AIRCRAFT
 F-16 AIRCRAFT
 F-17 AIRCRAFT
 F-100 AIRCRAFT

SUPERSONIC AIRFOILS

SUPERSONIC AIRCRAFT-(CONT)

F-101 AIRCRAFT
F-102 AIRCRAFT
F-104 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
G-95/4 AIRCRAFT
JAGUAR AIRCRAFT
MIG AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
NORD 1500 AIRCRAFT
P-1154 AIRCRAFT
PHANTOM AIRCRAFT
F-4 AIRCRAFT
RF-4 AIRCRAFT
SAAB 37 AIRCRAFT
SUPERSONIC TRANSPORTS
CL-823 AIRCRAFT
CONCORDE AIRCRAFT
L-2000 AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT
T-38 AIRCRAFT
TSR-2 AIRCRAFT
VJ-101 AIRCRAFT
X-1 AIRCRAFT
X-2 AIRCRAFT
X-3 AIRCRAFT
X-15 AIRCRAFT
RT ∞ AIRCRAFT
ATTACK AIRCRAFT
FIGHTER AIRCRAFT
HYPERSONIC AIRCRAFT
JET AIRCRAFT
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
SUPERSONICS
SWEEPBACK WINGS
TRANSPORT AIRCRAFT
TRAPEZOIDAL TAIL SURFACES
VARIABLE CYCLE ENGINES
VARIABLE STREAM CONTROL ENGINES

SUPERSONIC AIRFOILS

GS AIRFOILS
SUPERSONIC AIRFOILS
RT SWEEPBACK
SWEEPBACK TAIL SURFACES
SWEEPBACK WINGS

SUPERSONIC BOUNDARY LAYERS

GS BOUNDARY LAYERS
SUPERSONIC BOUNDARY LAYERS
RT FLUID FLOW
LAMINAR BOUNDARY LAYER
SUPERSONICS
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER

SUPERSONIC COMBUSTION

GS COMBUSTION
SUPERSONIC COMBUSTION
RT ENGINES
FUEL COMBUSTION

SUPERSONIC COMBUSTION RAMJET ENGINES

UF SCRAMJET ENGINES
SCRAMJETS
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
RT COMBUSTION

SUPERSONIC COMBUSTION RAMJET-(CONT)

MISSILES
RAMJET MISSILES
 ∞ SCRAM

SUPERSONIC COMMERCIAL AIR TRANSPORT

UF SCAT
GS COMMERCIAL AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT
TU-144 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT

SUPERSONIC COMPRESSORS

GS COMPRESSORS
SUPERSONIC COMPRESSORS
RT OBLIQUE SHOCK WAVES
TRANSONIC COMPRESSORS
TURBOCOMPRESSORS

SUPERSONIC CRUISE AIRCRAFT RESEARCH

UF SCAR PROGRAM
GS PROGRAMS
NASA PROGRAMS
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
RT ∞ AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS

SUPERSONIC DIFFUSERS

RT AIR INTAKES
 ∞ DIFFUSERS
EXHAUST DIFFUSERS
FLOW STABILITY
VANELESS DIFFUSERS

SUPERSONIC DRAG

GS AERODYNAMIC CHARACTERISTICS
AERODYNAMIC DRAG
SUPERSONIC DRAG
AERODYNAMIC FORCES
AERODYNAMIC DRAG
SUPERSONIC DRAG
DYNAMIC CHARACTERISTICS
DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
PRESSURE DRAG
SUPERSONIC DRAG
FRICTION
AERODYNAMIC DRAG
SUPERSONIC DRAG
FLOW RESISTANCE
FRICTION DRAG
SUPERSONIC DRAG
SKIN FRICTION
FRICTION DRAG
SUPERSONIC DRAG
RT INTERFERENCE DRAG
WAVE DRAG

SUPERSONIC FLIGHT

RT CAUSTIC LINES
 ∞ FLIGHT
HYPERSONIC FLIGHT
JET LAG
MACH CONES
MISSILES
ROCKET FLIGHT
SONIC BOOMS
SUPERSONICS
TRANSONIC FLIGHT

SUPERSONIC FLOW

GS FLUID FLOW
SUPERSONIC FLOW
RT AERODYNAMICS
COMPRESSIBILITY EFFECTS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
HYPERSONIC FLOW
HYPERVELOCITY FLOW
MACH CONES
PRANDTL-MEYER EXPANSION
SECONDARY INJECTION
SHOCK WAVES
TRANSONIC FLOW

NASA THESAURUS (VOLUME 1)

SUPERSONIC FLOW-(CONT)

WEDGE FLOW
WIND TUNNELS

SUPERSONIC FLOW INLETS

USE SUPERSONIC INLETS

SUPERSONIC FLUTTER

GS VIBRATION
STRUCTURAL VIBRATION
FLUTTER
SUPERSONIC FLUTTER
SELF INDUCED VIBRATION
SUPERSONIC FLUTTER
RT MISSILE VIBRATION
TRANSONIC FLUTTER

SUPERSONIC HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
RT HYPERSONIC HEAT TRANSFER
SUPERSONICS

SUPERSONIC INLETS

UF SUPERSONIC FLOW INLETS
TRANSONIC INLETS
GS INTAKE SYSTEMS
AIR INTAKES
SUPERSONIC INLETS
RT BYPASS RATIO
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
INLET FLOW
INTERNAL COMPRESSION INLETS
NOSE INLETS
SIDE INLETS

SUPERSONIC JET FLOW

GS FLUID FLOW
JET FLOW
SUPERSONIC JET FLOW
RT GAS FLOW
NOZZLE FLOW

SUPERSONIC LOW ALTITUDE MISSILE

UF SLAM
GS MISSILES
RAMJET MISSILES
SUPERSONIC LOW ALTITUDE
MISSILE
SURFACE TO SURFACE MISSILES
SUPERSONIC LOW ALTITUDE
MISSILE
RT NUCLEAR RAMJET ENGINES
PLUTO REACTORS
RAMJET ENGINES

SUPERSONIC NOZZLES

RT COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
HYPERSONIC NOZZLES
 ∞ NOZZLES
ROCKET NOZZLES
SONIC NOZZLES
TRANSONIC NOZZLES
VARIABLE STREAM CONTROL ENGINES
WIND TUNNEL NOZZLES

SUPERSONIC SPEEDS

GS RATES (PER TIME)
SUPERSONIC SPEEDS
VELOCITY
SUPERSONIC SPEEDS
RT ACOUSTIC VELOCITY
HIGH SPEED
HYPERSONIC SPEED
HYPERSONICS
SUPERSONICS
TRANSONIC SPEED

SUPERSONIC TEST APPARATUS

RT HYPERSONIC TEST APPARATUS
SUPERSONICS
 ∞ TEST EQUIPMENT
WIND TUNNEL APPARATUS

SUPERSONIC TRANSPORTS

GS SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
CL-823 AIRCRAFT

NASA THESAURUS (VOLUME 1)

SURFACE GEOMETRY

SUPERSONIC TRANSPORTS-(CONT)

CONCORDE AIRCRAFT
L-2000 AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT
BOEING 2707 AIRCRAFT
RT CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
PASSENGER AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT
RESEARCH

SUPERSONIC TURBINES

UF TRANSONIC TURBINES
GS TURBOMACHINERY
TURBINES
RT SUPERSONIC TURBINES
GAS TURBINE ENGINES
GAS TURBINES

SUPERSONIC WAKES

GS WAKES
RT SUPERSONIC WAKES
AIRCRAFT WAKES
HYPERSONIC WAKES

SUPERSONIC WIND TUNNELS

SN (MACH 1 TO 5)
GS TEST FACILITIES
WIND TUNNELS
RT SUPERSONIC WIND TUNNELS
BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
SHOCK TUNNELS
SLOTTED WIND TUNNELS
SUBSONIC WIND TUNNELS
SUPERHARMONICS
TRANSONIC WIND TUNNELS

SUPERSONICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
RT AEROTHERMODYNAMICS
HYPERSONICS
MACH CONES
SUPERHARMONICS
SUPERSONIC AIRCRAFT
SUPERSONIC BOUNDARY LAYERS
SUPERSONIC FLIGHT
SUPERSONIC HEAT TRANSFER
SUPERSONIC SPEEDS
SUPERSONIC TEST APPARATUS

SUPINE POSITION

RT ACCELERATION PROTECTION
PRONE POSITION
REST
SITTING POSITION

SUPPLEMENTS

GS DOCUMENTS
RT SUPPLEMENTS
CONTRACTS
EXTENSIONS
INDEXES (DOCUMENTATION)
MOTION PICTURES
RECORDS
REPORTS

SUPPLYING

RT COMMERCE
CONSUMPTION
DEMAND (ECONOMICS)
FILLING
INJECTION
INPUT
MARKETING
OUTPUT

SUPPORT INTERFERENCE

RT ANTENNA RADIATION PATTERNS
INTERFERENCE
SUPPORTS
VIBRATION EFFECTS

SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
GROUND OPERATIONAL SUPPORT
SYSTEM

SUPPORT SYSTEMS-(CONT)

GROUND SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
BIOPAKS
CLOSED ECOLOGICAL SYSTEMS
EMERGENCY LIFE SUSTAINING
SYSTEMS
AEPS
PORTABLE LIFE SUPPORT SYSTEMS
AEPS
RT SELF SEALING
SERVICES
SYSTEMS

SUPPORTS

UF MOUNTS
STANDS
GS SUPPORTS
PYLONS
SADDLES (SUPPORTS)
TRIPODS
RT BEARINGS
CARRIAGES
CHASSIS
FOUNDATIONS
FRAMES
GIMBALS
HEADERS
LUGS
PIVOTS
PLATFORMS
PYLON MOUNTING
RACKS (FRAMES)
REINFORCEMENT (STRUCTURES)
SHAFTS (MACHINE ELEMENTS)
STRUTS
SUBSTRUCTURES
SUPPORT INTERFERENCE
SUSTAINING
TRUSSES

SUPPRESSION

USE RETARDING

SUPPRESSORS

GS SUPPRESSORS
ECHO SUPPRESSORS
RT ABSORBERS (MATERIALS)
ADDITIVES
ATTENUATORS
BAFFLES
CIRCUIT PROTECTION
DAMPING
INFRARED SUPPRESSION
INHIBITORS
INSULATION
ISOLATORS
MUFFLERS
NEUTRALIZERS
NOISE REDUCTION
RETARDANTS
SHIELDING
SILENCERS
SQUELCH CIRCUITS

SURFACE ACOUSTIC WAVE DEVICES

UF S-A-W DEVICES
RT ACOUSTIC DELAY LINES
BULK ACOUSTIC WAVE DEVICES
DEVICES
ELECTROACOUSTIC TRANSDUCERS
INTERDIGITAL TRANSDUCERS
SIGNAL PROCESSING
SOUND WAVES
ULTRASONIC WAVE TRANSDUCERS

SURFACE COOLING

GS COOLING
RT SURFACE COOLING
CONVECTIVE HEAT TRANSFER
EVAPORATIVE COOLING
FILM COOLING
RADIANT COOLING
RADIATIVE HEAT TRANSFER
SURFACES
SWEAT COOLING
TEMPERATURE

SURFACE CRACKS

UF CRAZING
GS CRACKS
SURFACE CRACKS
SURFACE PROPERTIES
SURFACE CRACKS
RT CRACK CLOSURE

SURFACE CRACKS-(CONT)

CRACK GEOMETRY
CRACK INITIATION
CRACK PROPAGATION
MICROCRACKS
SOLID SURFACES
SURFACES

SURFACE DEFECTS

GS DEFECTS
SURFACE DEFECTS
SURFACE PROPERTIES
SURFACE DEFECTS
RT CAUSTICS (OPTICS)
CRACK INITIATION
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
FATIGUE (MATERIALS)
MECHANICAL PROPERTIES
POINT DEFECTS
SURFACES

SURFACE DIFFUSION

GS DIFFUSION
SURFACE DIFFUSION
RT MOLECULAR DIFFUSION
SURFACES
THERMAL DIFFUSION

SURFACE DISTORTION

GS DISTORTION
SURFACE DISTORTION
RT LAMBERT SURFACE
SURFACE GEOMETRY
SURFACES
WARPAGE

SURFACE EFFECT SHIPS

UF SES
GS SURFACE VEHICLES
SURFACE EFFECT SHIPS
WATER VEHICLES
SHIPS
SURFACE EFFECT SHIPS
RT CAPTURED AIR BUBBLE VEHICLES
EFFECTS
RESEARCH VEHICLES
SURFACES
SWATH (SHIP)
VEHICLES

SURFACE ENERGY

GS SURFACE PROPERTIES
SURFACE ENERGY
THERMODYNAMIC PROPERTIES
SURFACE ENERGY
RT ACTIVATION ENERGY
ELECTRON ENERGY
ENERGY
INTERFACIAL ENERGY
INTERFACIAL TENSION
PROTON ENERGY
SURFACES
THERMOPHYSICAL PROPERTIES

SURFACE FINISHING

UF SURFACE TREATMENT
RT CLEANING
COATING
COATINGS
CORROSION PREVENTION
CORROSION RESISTANCE
ELECTROPLATING
ELECTROPOLISHING
FINISHES
MACHINING
METAL FINISHING
METAL GRINDING
METAL POLISHING
METAL SPRAYING
METAL SURFACES
POLISHING
PROTECTIVE COATINGS
SHOT PEENING
SOLID SURFACES
SPUTTERING
SURFACES
WEAR

SURFACE GEOMETRY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONCAVITY
CONVEXITY

SURFACE INTERACTIONS

SURFACE GEOMETRY-(CONT)

COSSERAT SURFACES
FLAT SURFACES
FLATNESS
GEOMETRY
LAMBERT SURFACE
LOFTING
PLANFORMS
SHAPES
SURFACE DISTORTION
SURFACE LAYERS
SURFACE PROPERTIES
SURFACE REACTIONS
SURFACE ROUGHNESS
SURFACE STABILITY
∞ SURFACES

SURFACE INTERACTIONS

USE SURFACE REACTIONS

SURFACE IONIZATION

GS IONIZATION
SURFACE IONIZATION
RT IONIZERS
∞ SURFACES

SURFACE LAYERS

GS SURFACE LAYERS
MONOMOLECULAR FILMS
RT ATMOSPHERIC STRATIFICATION
BARRIER LAYERS
BOUNDARY LAYERS
CRYSTAL SURFACES
∞ LAYERS
LUNAR SURFACE
OXIDE FILMS
SOLAR GRANULATION
∞ SURFACE GEOMETRY
∞ SURFACES
THERMOCLINES
∞ TRANSITION LAYERS

SURFACE NAVIGATION

UF MARINE NAVIGATION
GS NAVIGATION
SURFACE NAVIGATION
RT CELESTIAL NAVIGATION
DEAD RECKONING
DECCA NAVIGATION
DIGITAL NAVIGATION
HYPERBOLIC NAVIGATION
INERTIAL NAVIGATION
LORAN NAVIGATION SYSTEM
LORAN
NAUTICAL CHARTS
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SHIPS
∞ SURFACES

SURFACE NOISE INTERACTIONS

RT ACOUSTIC EXCITATION
ACOUSTIC SCATTERING
AEROACOUSTICS
AERODYNAMIC NOISE
TURBULENCE

SURFACE PRESSURE

USE PRESSURE

SURFACE PROPERTIES

UF BARDEEN APPROXIMATION
GS SURFACE PROPERTIES
ADHESION
ADSORPTIVITY
COEFFICIENT OF FRICTION
INTERFACIAL TENSION
SPECTRAL REFLECTANCE
SURFACE CRACKS
SURFACE DEFECTS
SURFACE ENERGY
SURFACE ROUGHNESS
SURFACE STABILITY
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
WALL TEMPERATURE
RT ABSORPTANCE
ALBEDO
COARSENESS
COATING
COATINGS
COLOR
CONTACT POTENTIALS

SURFACE PROPERTIES-(CONT)

CONTACT RESISTANCE
CORROSION
COSSERAT SURFACES
DIFFUSION
EFFERVESCENCE
EMISSION
EVANESCENCE
FINISHES
FLAT SURFACES
FOAMING
FRICTION
HARDNESS
HOT CORROSION
INTERFACES
JUPITER RED SPOT
LUNAR ALBEDO
LUNAR SURFACE
LUNAR TOPOGRAPHY
MECHANICAL PROPERTIES
METAL SURFACES
OPTICAL PROPERTIES
PERMEABILITY
∞ PHYSICAL PROPERTIES
PLANAR STRUCTURES
PLANETARY SURFACES
PROFILOMETERS
∞ PROPERTIES
REFLECTANCE
ROUGHNESS
SELENOGRAPHY
SOLID SURFACES
SOLID-SOLID INTERFACES
SORPTION
∞ SURFACE GEOMETRY
∞ SURFACES
TEXTURES
VISCOSITY
VOID RATIO
WETTABILITY

SURFACE REACTIONS

UF SURFACE INTERACTIONS
RT CHEMICAL REACTIONS
EROSION
FLUID-SOLID INTERACTIONS
GAS-LIQUID INTERACTIONS
INTERFACES
METAL SURFACES
METAL-WATER REACTIONS
∞ SURFACE GEOMETRY
∞ SURFACES
SURFACTANTS
VAPORIZING

SURFACE ROUGHNESS

GS ROUGHNESS
SURFACE ROUGHNESS
SURFACE PROPERTIES
SURFACE ROUGHNESS
RT COARSENESS
FRICTION
LUNAR TOPOGRAPHY
MACHINING
MECHANICAL PROPERTIES
PROFILOMETERS
RUNWAY CONDITIONS
∞ SURFACE GEOMETRY
∞ SURFACES
TOPOGRAPHY

SURFACE ROUGHNESS EFFECTS

RT ∞ EFFECTS
FRICTION DRAG
REFLECTANCE
SEPARATED FLOW
SPECKLE PATTERNS
∞ SURFACES

SURFACE STABILITY

GS STABILITY
SURFACE STABILITY
SURFACE PROPERTIES
SURFACE STABILITY
RT COARSENESS
DYNAMIC STABILITY
INTERFACIAL TENSION
MOTION STABILITY
STATIC STABILITY
STORAGE STABILITY
∞ SURFACE GEOMETRY
∞ SURFACES
THERMAL STABILITY

NASA THESAURUS (VOLUME 1)

SURFACE TEMPERATURE

GS SURFACE PROPERTIES
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
WALL TEMPERATURE
TEMPERATURE
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
WALL TEMPERATURE
RT COARSENESS
GEOTHERMAL ANOMALIES
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE
∞ SURFACES
THERMOCLINES
WATER TEMPERATURE

SURFACE TENSION

USE INTERFACIAL TENSION

SURFACE TO AIR MISSILES

UF GROUND-TO-AIR MISSILES
GS MISSILES
SURFACE TO AIR MISSILES
BLUE GOOSE MISSILE
BOMARC MISSILES
BOMARC A MISSILE
BOMARC B MISSILE
CHAPARRAL MISSILE
HAWK MISSILE
MAULER MISSILE
NIKE MISSILES
NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
NIKE-ZEUS MISSILE
PATRIOT MISSILE
REDEYE MISSILE
SPRINT MISSILE
TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
RT AIR TO AIR MISSILES
AIR TO SURFACE MISSILES
ANTIAIRCRAFT MISSILES
ANTIMISSILE MISSILES
NIKE X SYSTEMS
RAMJET MISSILES
∞ ROCKETS
SENTINEL SYSTEM
SPACE WEAPONS
SPARTAN MISSILE
∞ SURFACES

SURFACE TO SURFACE MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
SHILLELAGH MISSILES
TOW MISSILES
CORPORAL MISSILE
CRUISE MISSILES
NAVAHO MISSILE
TOMAHAWK MISSILES
FLEET BALLISTIC MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
POSEIDON MISSILES
SUBROC MISSILE
INTERCONTINENTAL BALLISTIC
MISSILES
ATLAS ICBM
ATLAS D ICBM
ATLAS E ICBM
ATLAS F ICBM
MINUTEMAN ICBM
MX MISSILE
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
INTERMEDIATE RANGE BALLISTIC
MISSILES
BLUE STREAK MISSILE
JUPITER MISSILE
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
LANCE MISSILE
MACE MISSILES
PERSHING MISSILE
REGULUS MISSILE
SERGEANT MISSILES

NASA THESAURUS (VOLUME 1)

SURVEILLANCE RADAR

SURFACE TO SURFACE MISSILES-(CONT)

SHORT RANGE BALLISTIC MISSILES
SUPERSONIC LOW ALTITUDE MISSILE
V-1 MISSILE

RT AIR TO SURFACE MISSILES
BALLISTIC MISSILES
HARPOON MISSILE
RAMJET MISSILES
∞ ROCKETS
∞ SURFACES

SURFACE TO SURFACE ROCKETS

GS ROCKET VEHICLES
SURFACE TO SURFACE ROCKETS
HONEST JOHN ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE
RT ∞ ROCKETS
∞ SURFACES

SURFACE TREATMENT

USE SURFACE FINISHING

SURFACE VEHICLES

GS SURFACE VEHICLES
AIRCRAFT CARRIERS
AUTOMATED TRANSIT VEHICLES
AUTOMATED GUIDEWAY TRANSIT VEHICLES
BOATS
LIFEBOATS
CAPTURED AIR BUBBLE VEHICLES
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
DOLLIES
ELECTRIC HYBRID VEHICLES
LUNAR SURFACE VEHICLES
LUNAR MOBILE LABORATORIES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
MANNED LUNAR SURFACE VEHICLES
MAGNETIC LEVITATION VEHICLES
MOTOR VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMOBILES
ELECTRIC AUTOMOBILES
ELECTRIC MOTOR VEHICLES
TRACTORS
CRAWLER TRACTORS
TRACKED VEHICLES
TRUCKS
TANK TRUCKS
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
ROADWAY POWERED VEHICLES
ROVING VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
SATELLITE COMMUNICATIONS SHIPS
SLEDS
ROCKET PROPELLED SLEDS
SURFACE EFFECT SHIPS
SWATH (SHIP)
TANKS (COMBAT VEHICLES)
TRANSPORTER
WALKING MACHINES
RT AMPHIBIOUS VEHICLES
∞ BICYCLE
GROUND EFFECT MACHINES
RAIL TRANSPORTATION
RAILS
SHIPS
∞ SURFACES
UNDERWATER VEHICLES
URBAN TRANSPORTATION
∞ VEHICLES
VEHICULAR TRACKS
WATER VEHICLES

SURFACE WATER

GS WATER
SURFACE WATER
RT EARTH RESOURCES
GROUND WATER
LAKES
PONDS
RIVERS
STREAMS
∞ SURFACES

SURFACE WAVES

SN (EXCLUDES SURFACE RADIO WAVES)
GS SURFACE WAVES
CAPILLARY WAVES
GRAVITY WAVES
BAROCLINIC WAVES
RIPPLES
ELECTROMAGNETIC SURFACE WAVES
SOMMERFELD WAVES
RT BOW WAVES
CNOIDAL WAVES
CRUSTAL FRACTURES
ELASTIC WAVES
INTERNAL WAVES
LEE WAVES
LIQUID SURFACES
LOVE WAVES
MICROSONICS
P WAVES
S WAVES
SEA ROUGHNESS
SEISMIC WAVES
SPLASHING
∞ SURFACES
TROPOSPHERIC WAVES
TSUNAMI WAVES
WATER CURRENTS
WATER WAVES
∞ WAVES

∞ SURFACES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
UF CURVED SURFACES
LIFTING SURFACES
RT AIR TO SURFACE MISSILES
AIRFIELD SURFACE MOVEMENTS
AIRPORT SURFACE DETECTION EQUIPMENT
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE
AREA
COLD SURFACES
CONTROL SURFACES
COSSERAT SURFACES
CRYSTAL SURFACES
EARTH SURFACE
EASEP
ELECTROMAGNETIC SURFACE WAVES
ELEVATORS (CONTROL SURFACES)
EXTERNAL SURFACE CURRENTS
FERMI SURFACES
FLAPS (CONTROL SURFACES)
FLAT SURFACES
HORIZONTAL TAIL SURFACES
HOT SURFACES
INTERFACES
INTERFACIAL TENSION
LAMBERT SURFACE
LIQUID SURFACES
LSSM
LUNAR SURFACE
LUNAR SURFACE VEHICLES
MANNED LUNAR SURFACE VEHICLES
MARS SURFACE
MARS SURFACE SAMPLES
MENISCI
METAL SURFACES
MINIMAL SURFACES
OCEAN SURFACE
PLANETARY SURFACES
SATELLITE SURFACES
SIZING (SURFACE TREATMENT)
SOLID SURFACES
SURFACE COOLING
SURFACE CRACKS
SURFACE DEFECTS
SURFACE DIFFUSION
SURFACE DISTORTION
SURFACE EFFECT SHIPS
SURFACE ENERGY
SURFACE FINISHING
∞ SURFACE GEOMETRY
SURFACE IONIZATION
SURFACE LAYERS
SURFACE NAVIGATION
SURFACE PROPERTIES
SURFACE REACTIONS
SURFACE ROUGHNESS
SURFACE ROUGHNESS EFFECTS
SURFACE STABILITY
SURFACE TEMPERATURE
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
SURFACE TO SURFACE ROCKETS

SURFACES-(CONT)

SURFACE VEHICLES
SURFACE WATER
SURFACE WAVES
SWEEPBACK TAIL SURFACES
T TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL SURFACES
TOWNSEND AVALANCHE
TRAPEZOIDAL TAIL SURFACES
TWO DIMENSIONAL BODIES
UNDER SURFACE BLOWING
UNDERWATER TO SURFACE MISSILES
UPPER SURFACE BLOWING
UPPER SURFACE BLOWN FLAPS
VENUS SURFACE
WEAR

SURFACTANTS

RT ADMIXTURES
∞ AGENTS
DETERGENTS
MONOMOLECULAR FILMS
PLASTICIZERS
RETARDANTS
SOAPS
SURFACE REACTIONS

SURGEONS

GS PERSONNEL
MEDICAL PERSONNEL
SURGEONS
FLIGHT SURGEONS

SURGERY

GS SURGERY
LABYRINTHECTOMY
RT CLINICAL MEDICINE
HEART IMPLANTATION
∞ OPERATIONS
SKIN GRAFTS
TRANSPLANTATION
VETERINARY MEDICINE

SURGES

UF TRANSIENTS (SURGES)
RT CIRCUIT PROTECTION
FLUID FLOW
OVERVOLTAGE
STORM SURGES
VARIATIONS
WATER HAMMER
∞ WAVES

SURGICAL INSTRUMENTS

GS MEDICAL EQUIPMENT
SURGICAL INSTRUMENTS
RT ∞ INSTRUMENTS
NEEDLES

SURINAM

GS NATIONS
SURINAM
RT CARIBBEAN REGION
NETHERLANDS
SOUTH AMERICA

SURVEILLANCE

GS SURVEILLANCE
SPACE SURVEILLANCE (GROUND BASED)
SPACE SURVEILLANCE (SPACEBORNE)
RT COMMAND AND CONTROL
CONICAL SCANNING
CRIME
DETECTION
EARTH RESOURCES
FOREST FIRE DETECTION
ICE MAPPING
ICE REPORTING
INSPECTION
INTELLIGENCE
PANORAMIC SCANNING
RADAR SCANNING
RECONNAISSANCE
SCANNING
TARGET ACQUISITION
TARGET RECOGNITION
TARGETS

SURVEILLANCE RADAR

GS RADAR
SURVEILLANCE RADAR
AIRBORNE SURVEILLANCE RADAR
COBRA DANE (RADAR)

SURVEYING

SURVEILLANCE RADAR-(CONT)

RT MULTISTATIC RADAR
AIR TRAFFIC CONTROL
AIRPORT SURFACE DETECTION
EQUIPMENT
COHERENT RADAR
CONTINUOUS WAVE RADAR
DIGITAL RADAR SYSTEMS
DOPPLER RADAR
METEOROLOGICAL RADAR
PULSE RADAR
RADAR APPROACH CONTROL
RADAR TRACKING
RADARSCOPES
SATELLITE-BORNE RADAR
SEARCH RADAR
SYNTHETIC APERTURE RADAR
TRACKING RADAR

SURVEYING

USE SURVEYS

SURVEYOR LUNAR PROBES

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE

SURVEYOR PROJECT

GS PROGRAMS
LUNAR PROGRAMS
SURVEYOR PROJECT
NASA PROGRAMS
SURVEYOR PROJECT
NASA SPACE PROGRAMS
SURVEYOR PROJECT
PROJECTS
SURVEYOR PROJECT
RT ATLAS CENTAUR LAUNCH VEHICLE
CENTAUR PROJECT
LUNAR LANDING
LUNAR PROBES
LUNAR SPACECRAFT
SOFT LANDING
SOFT LANDING SPACECRAFT

SURVEYOR 1 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 2 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 2 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 2 LUNAR PROBE

SURVEYOR 2 LUNAR PROBE-(CONT)

UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 2 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 3 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 3 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 3 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 3 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 4 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 4 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 4 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 4 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 5 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 5 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 5 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 5 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 6 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 6 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 6 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 6 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 7 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 7 LUNAR PROBE
SOFT LANDING SPACECRAFT
SURVEYOR LUNAR PROBES
SURVEYOR 7 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
SURVEYOR LUNAR PROBES
SURVEYOR 7 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYS

UF SURVEYING
GS SURVEYS
GEODETIC SURVEYS
GEOLOGICAL SURVEYS
WAGE SURVEYS
RT ACCURACY
CONSTRUCTION
CROSS SECTIONS
DATA ACQUISITION
DATA MANAGEMENT
DATUM (ELEVATION)

NASA THESAURUS (VOLUME 1)

SURVEYS-(CONT)

EXPLORATION
GEOMETRY
LAYOUTS
LORAN
MAPPING
MAPS
PHOTOGRAMMETRY
POSITION (LOCATION)
RECONNAISSANCE
SOIL MAPPING
STATISTICS

SURVIVAL

RT AIRCRAFT SURVIVABILITY
CIVIL DEFENSE
CLOSED ECOLOGICAL SYSTEMS
DESERT ADAPTATION
KITS
LIFE SUPPORT SYSTEMS
LUNAR SHELTERS
SHELTERS
SPACECRAFT SURVIVABILITY

SURVIVAL EQUIPMENT

RT AEPS
AIRCRAFT SURVIVABILITY
CONSUMABLES (SPACECREW SUPPLIES)
EMERGENCY LIFE SUSTAINING
SYSTEMS
EQUIPMENT
LIFEBOATS
ONBOARD EQUIPMENT
OXYGEN SUPPLY EQUIPMENT
RAFTS

SUSCEPTIBILITY (MAGNETISM)

USE MAGNETIC PERMEABILITY

SUSPENDING (HANGING)

GS SUSPENDING (HANGING)
MAGNETIC SUSPENSION
RT GYROSCOPE FLUIDS
MOUNTING
SUSPENSION SYSTEMS (VEHICLES)
SUSPENSIONS

SUSPENDING (MIXING)

GS MIXING
SUSPENDING (MIXING)
RT AERATION
AGITATION
COLLOIDING
DISPERSING
DISPERSIONS
ENTRAINMENT
FERROFLUIDS
HOMOGENIZING
SHAKING
STIRRING
SUSPENSIONS

SUSPENSION SYSTEMS (VEHICLES)

RT BEARINGS
FLOTATION
LEVITATION
MAGNETIC LEVITATION VEHICLES
RIDING QUALITY
SHOCK ABSORBERS
SPRINGS (ELASTIC)
STEERING
SUSPENDING (HANGING)
SUSPENSIONS
SYSTEMS
TOROIDAL WHEELS
UNDERCARRIAGES
VEHICLE WHEELS
VEHICULAR TRACKS
VIBRATION ISOLATORS

SUSPENSIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BROWNIAN MOVEMENTS
DISPERSIONS
FERROFLUIDS
SOLID SUSPENSIONS
SUSPENDING (HANGING)
SUSPENDING (MIXING)
SUSPENSION SYSTEMS (VEHICLES)

SUSQUEHANNA RIVER BASIN (MD-NY-PA)

GS LANDFORMS
STRUCTURAL BASINS

SUSQUEHANNA RIVER BASIN-(CONT)

RIVER BASINS
SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)

RT MARYLAND
 NEW YORK
 PENNSYLVANIA
 RIVERS
 STREAMS
 VALLEYS

SUSTAINER ROCKET ENGINES

GS ENGINES
 ROCKET ENGINES
SUSTAINER ROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 DUCTED ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 ION ENGINES
 LAUNCH VEHICLES
 LIQUID AIR CYCLE ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR ROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 STAGE SEPARATION
 ∞ SUSTAINING
 TURBOCKET ENGINES
 TX-354 ENGINE

∞ SUSTAINING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT LIFE SUPPORT SYSTEMS
 SUPPORTS
 SUSTAINER ROCKET ENGINES

SWAGING

RT COLD WORKING
 METAL WORKING
 STAMPING

SWALLOWING

RT DRINKING
 EATING
 INGESTION (BIOLOGY)

SWAMPS

USE MARSHLANDS

SWAN BANDS

GS SPECTRA
 SPECTRAL BANDS
SWAN BANDS
 RT ∞ BANDS
 CARBON COMPOUNDS
 CHEMICAL BONDS
 EMISSION SPECTRA
 MOLECULAR SPECTRA

SWARMING

RT BEES
 ∞ MOTION

SWASH

USE SPLASHING

SWATH (SHIP)

UF SMALL WATER PLANE AREA TWIN HULL
 GS SURFACE VEHICLES
SWATH (SHIP)
 WATER VEHICLES
 SHIPS
SWATH (SHIP)
 RT CAPTURED AIR BUBBLE VEHICLES
 HULLS (STRUCTURES)
 SURFACE EFFECT SHIPS
 ∞ VEHICLES

SWATH WIDTH

RT AGRICULTURAL AIRCRAFT
 FLIGHT PATHS
 REMOTE SENSING
 SATELLITE OBSERVATION

SWAZILAND

GS NATIONS

SWAZILAND-(CONT)

RT **SWAZILAND**
 AFRICA
 REPUBLIC OF SOUTH AFRICA

SWEAT

GS BODY FLUIDS
SWEAT
 SECRETIONS
SWEAT
 RT MILIARIA
 PERSPIRATION

SWEAT COOLING

UF TRANSPIRATION COOLING
 GS COOLING
 EVAPORATIVE COOLING
SWEAT COOLING
 RT FILM COOLING
 LIQUID COOLING
 SURFACE COOLING

SWEATING

USE PERSPIRATION

SWEDEN

GS NATIONS
SWEDEN
 RT EUROPE
 SCANDINAVIA
 SWEDISH SPACE PROGRAM

SWEDISH SPACE PROGRAM

GS PROGRAMS
 SPACE PROGRAMS
SWEDISH SPACE PROGRAM
 RT EUROPEAN SPACE PROGRAMS
 SWEDEN

SWEEP ANGLE

GS GEOMETRY
 EUCLIDEAN GEOMETRY
 ANGLES (GEOMETRY)
SWEEP ANGLE
 SWEEPBACK
 LEADING EDGE SWEEP
 RT AERODYNAMIC STALLING
 ANGLE OF ATTACK
 BOUNDARY LAYER SEPARATION
 MACH NUMBER

SWEEP CIRCUITS

GS CIRCUITS
SWEEP CIRCUITS
 RT FREQUENCY SCANNING
 OSCILLOSCOPES
 SAMPLING

SWEEP EFFECT

RT ∞ EFFECTS
 FORCE DISTRIBUTION
 LIFT
 ∞ LOADING
 WING LOADING

SWEEP FREQUENCY

UF ELECTRON SWEEPING
 GS FREQUENCIES
SWEEP FREQUENCY
 RT CARRIER FREQUENCIES
 FREQUENCY ANALYZERS
 FREQUENCY SCANNING
 FREQUENCY SYNCHRONIZATION
 OSCILLOSCOPES
 TELEVISION TRANSMISSION

SWEEPBACK

UF SWEEPBACK ANGLES
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 ANGLES (GEOMETRY)
 SWEEP ANGLE
SWEEPBACK
 LEADING EDGE SWEEP
 RT SUPERSONIC AIRFOILS

SWEEPBACK ANGLES

USE SWEEPBACK

SWELLING

RT DISTORTION
 EXPANSION
 GROWTH
 INCREASING

SWELLING-(CONT)

INFLATING
 SPREADING

SWEPT FORWARD WINGS

GS AIRFOILS
 WINGS
 SWEPT WINGS
SWEPT FORWARD WINGS
 TRAPEZOIDAL WINGS
 PLANFORMS
 WING PLANFORMS
SWEPT FORWARD WINGS
 TRAPEZOIDAL WINGS
 RT SWEPTBACK WINGS
 VARIABLE SWEEP WINGS
 X-29 AIRCRAFT

SWEPT WINGS

UF CRANKED WINGS
 DIAMOND WINGS
 TAPERED WINGS
 GS AIRFOILS
 WINGS
SWEPT WINGS
 SWEPT FORWARD WINGS
 TRAPEZOIDAL WINGS
 SWEPTBACK WINGS
 ARROW WINGS
 DELTA WINGS
 TRAPEZOIDAL WINGS
 RT A-300 AIRCRAFT
 A-310 AIRCRAFT
 A-320 AIRCRAFT
 FIXED WINGS
 SPANLOADER AIRCRAFT
 UNSWEPT WINGS
 WING PLANFORMS

SWEPTBACK TAIL SURFACES

GS PLANFORMS
SWEPTBACK TAIL SURFACES
 TAIL SURFACES
SWEPTBACK TAIL SURFACES
 RT CONTROL SURFACES
 HYPERSONIC AIRCRAFT
 RUDDERS
 STABILIZERS (FLUID DYNAMICS)
 SUPERSONIC AIRFOILS
 ∞ SURFACES
 T TAIL SURFACES
 TRAPEZOIDAL TAIL SURFACES

SWEPTBACK WINGS

GS AIRFOILS
 WINGS
 SWEPT WINGS
SWEPTBACK WINGS
 ARROW WINGS
 DELTA WINGS
 TRAPEZOIDAL WINGS
 PLANFORMS
 WING PLANFORMS
SWEPTBACK WINGS
 ARROW WINGS
 DELTA WINGS
 TRAPEZOIDAL WINGS
 RT HYPERSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC AIRFOILS
 SWEPT FORWARD WINGS
 VARIABLE SWEEP WINGS

SWIMMING

RT PHYSICAL EXERCISE
 PHYSICAL FITNESS

SWIMMING POOL REACTORS

GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 WATER COOLED REACTORS
SWIMMING POOL REACTORS
 RT ∞ REACTORS

SWINE

SN (EXCLUDES GUINEA PIGS)
 UF PIGS (SWINE)
 GS ANIMALS
 VERTEBRATES
 MAMMALS
SWINE
 RT GRAZING
 LIVESTOCK

SWING TAIL ASSEMBLIES

SWING TAIL ASSEMBLIES
 GS ASSEMBLIES
 TAIL ASSEMBLIES
 SWING TAIL ASSEMBLIES
 RT AFTERBODIES
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES

SWING WINGS
 GS AIRFOILS
 WINGS
 SWING WINGS
 RT AIRCRAFT PARTS
 AIRCRAFT STRUCTURES
 WING PLANFORMS
 WING PROFILES

SWINGBY TECHNIQUE
 RT FLYBY MISSIONS
 GRAVITATIONAL EFFECTS
 INTERPLANETARY TRANSFER ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 ROUND TRIP TRAJECTORIES

SWIRLING
 RT AGITATION
 CENTRIFUGING
 DISPERSING
 FOAMING
 MIXING
 SEPARATION
 SHAKING
 STIRRING

SWIRLING WAKES
 USE TURBULENT WAKES

SWISS SPACE PROGRAM
 GS PROGRAMS
 SPACE PROGRAMS
 SWISS SPACE PROGRAM
 RT EUROPEAN SPACE PROGRAMS
 SWITZERLAND

SWITCHES
 GS **SWITCHES**
 CAPACITANCE SWITCHES
 ELECTRIC RELAYS
 ELECTRIC SWITCHES
 CRYOTRONS
 STEPPING SWITCHES
 THERMOSTATS
 VACUUM ARC SWITCHES
 PRESSURE SWITCHES
 SWITCHING CIRCUITS
 FLUID SWITCHING ELEMENTS
 TRIGATRONS
 RT CIRCUIT BREAKERS
 DROPOUTS
 ECHO SUPPRESSORS
 ELECTRIC CONNECTORS
 ELECTRIC CONTACTS
 INTERRUPTION
 SELECTORS
 SWITCHING

SWITCHING
 GS **SWITCHING**
 BEAM SWITCHING
 MAGNETIC SWITCHING
 MICROWAVE SWITCHING
 PACKET TRANSMISSION
 PACKET SWITCHING
 RT CODE DIVISION MULTIPLE ACCESS
 INTERRUPTION
 SEQUENCING
 STEP RECOVERY DIODES
 SWITCHES
 TIME DIVISION MULTIPLE ACCESS

SWITCHING CIRCUITS
 UF ELECTRONIC SWITCHES
 SWITCHING ELEMENTS
 GS CIRCUITS
 SWITCHING CIRCUITS
 FLUID SWITCHING ELEMENTS
 SWITCHES
 SWITCHING CIRCUITS
 FLUID SWITCHING ELEMENTS
 RT ARPA COMPUTER NETWORK
 CAPACITANCE SWITCHES
 CIRCUIT BREAKERS
 CURRENT REGULATORS
 DUPLEX OPERATION

SWITCHING CIRCUITS-(CONT)
 DUPLEXERS
 ELECTRIC RELAYS
 ELECTRIC SWITCHES
 GATES (CIRCUITS)
 LATCH-UP
 LOGIC CIRCUITS
 MATRICES (CIRCUITS)
 MICROWAVE SWITCHING
 MULTIVIBRATORS
 OPTICAL BISTABILITY
 PACKET SWITCHING
 SELECTORS
 SQUELCH CIRCUITS
 VACUUM ARC SWITCHES
 VOLTAGE REGULATORS

SWITCHING ELEMENTS
 USE SWITCHING CIRCUITS

SWITCHING THEORY
 RT BOOLEAN ALGEBRA
 BRANCHING (MATHEMATICS)
 COMMUNICATION THEORY
 COMMUTATION
 LOGIC DESIGN
 NETWORK SYNTHESIS
 PACKET SWITCHING
 SEQUENCING
 THEORIES
 TOPOLOGY

SWITZERLAND
 GS NATIONS
 SWITZERLAND
 RT ALPS MOUNTAINS (EUROPE)
 EUROPE
 SWISS SPACE PROGRAM

SWIVELS
 RT BEARINGS
 GIMBALS
 HINGES
 HOOKS
 JOINTS (JUNCTIONS)
 PIVOTS

SYENITE
 GS ROCKS
 IGNEOUS ROCKS
 SYENITE
 RT SOILS
 TRACHYTE

SYLLABLES
 GS COMMUNICATION THEORY
 WORDS (LANGUAGE)
 SYLLABLES
 LANGUAGES
 SENTENCES
 WORDS (LANGUAGE)
 SYLLABLES
 LINGUISTICS
 SYNTAX
 SENTENCES
 WORDS (LANGUAGE)
 SYLLABLES
 SIGNAL RECEPTION
 SYLLABLES
 SPEECH
 TALKING
 WORDS (LANGUAGE)
 SYLLABLES
 RT MESSAGES
 PSYCHOLINGUISTICS
 SEMANTICS
 SIGNAL TRANSMISSION

SYMBIOSIS
 RT ECOLOGY
 LICHENS

SYMBIOTIC STARS
 GS CELESTIAL BODIES
 STARS
 HOT STARS
 BLUE STARS
 SYMBIOTIC STARS
 PECULIAR STARS
 SYMBIOTIC STARS
 VARIABLE STARS
 SYMBIOTIC STARS
 RT ABSORPTION SPECTRA
 ECLIPSING BINARY STARS
 EMISSION SPECTRA

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SYMBIOTIC STARS-(CONT)
 FLARE STARS
 M STARS
 NOVAE
 STELLAR ENVELOPES
 STELLAR MASS ACCRETION
 STELLAR OSCILLATIONS
 STELLAR SPECTRA
 STELLAR TEMPERATURE

SYMBOLIC PROGRAMMING
 GS SOFTWARE ENGINEERING
 COMPUTER PROGRAMMING
 SYMBOLIC PROGRAMMING
 RT CODING
 COMPUTER ASSISTED INSTRUCTION
 CONTEXT FREE LANGUAGES
 LANGUAGE PROGRAMMING
 MNEMONICS

SYMBOLS
 UF CHARACTERS
 LETTERS (SYMBOLS)
 SIGNS (SYMBOLS)
 GS SIGNAL RECEPTION
 SYMBOLS
 RT ALPHABETS
 ALPHANUMERIC CHARACTERS
 CHARACTER RECOGNITION
 CODES
 CODING
 COLOR
 DATA PROCESSING
 DIGITS
 HIGH LEVEL LANGUAGES
 LANGUAGES
 LEGIBILITY
 MATHEMATICS
 MESSAGE PROCESSING
 MESSAGES
 MNEMONICS
 NOMENCLATURES
 PERCEPTION
 READING
 SEMANTICS
 UNITS OF MEASUREMENT
 VISIBILITY

SYMMETRICAL BODIES
 GS **SYMMETRICAL BODIES**
 AXISYMMETRIC BODIES
 BODIES OF REVOLUTION
 CONICAL BODIES
 SLENDER CONES
 CYLINDRICAL BODIES
 ROTATING CYLINDERS
 PARABOLIC BODIES
 SPHERES
 CELESTIAL SPHERE
 CONCENTRIC SPHERES
 FALLING SPHERES
 POINCARÉ SPHERES
 ROTATING SPHERES
 TORUSES
 ELLIPSOIDS
 LENTICULAR BODIES
 STREAMLINED BODIES
 FAIRINGS
 RT AXES OF ROTATION
 BLUNT BODIES
 BODIES
 CONES
 FINNED BODIES
 FLARED BODIES
 GEOIDS
 OGIVES
 SLENDER BODIES
 SPINNING UNGUIDED ROCKET
 TRAJECTORY

SYMMETRY
 UF AXISYMMETRY
 GS **SYMMETRY**
 BROKEN SYMMETRY
 RT ANTISYMMETRY
 ASYMMETRY
 CONGRUENCES
 CONTINUITY (MATHEMATICS)
 ECCENTRICITY
 GEOMETRY
 ISOTROPISM
 QUANTILES
 SHAPES

SYMMETRY BREAKING

USE BROKEN SYMMETRY

SYMPATHETIC NERVOUS SYSTEM

GS NERVOUS SYSTEM
AUTONOMIC NERVOUS SYSTEM
SYMPATHETIC NERVOUS SYSTEM
RT ∞ SYSTEMS

SYMPATHOMIMETICS

USE ADRENERGICS

SYMPHONIE SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYMPHONIE SATELLITES
RT ARCOMSAT
BROADCASTING
EUROPEAN SPACE PROGRAMS
FRENCH SATELLITES
INTERNATIONAL COOPERATION
RADIO TRANSMISSION
SATELLITE TELEVISION
SYNCHRONOUS SATELLITES
TELEPHONY

SYMPTOMOLOGY

GS MEDICAL SCIENCE
SYMPTOMOLOGY
RT DISEASES
SIGNS AND SYMPTOMS

SYMPTOMS

USE SIGNS AND SYMPTOMS

SYNAPSES

GS NERVOUS SYSTEM
SYNAPSES
RT NEUROMUSCULAR TRANSMISSION
SYNCODERS

SYNCHROCYCLOTRONS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
SYNCHROCYCLOTRONS
CYCLOTRONS
SYNCHROCYCLOTRONS
RT BEVATRON
SYNCHROTRONS

SYNCHRONISM

UF BEAT
SYNCHRONIZATION
GS **SYNCHRONISM**
BIT SYNCHRONIZATION
FREQUENCY SYNCHRONIZATION
RT COINCIDENCE CIRCUITS
DINING PHILOSOPHERS PROBLEM
PHASE DETECTORS
STROBOSCOPES
SYNCHRONIZERS
SYNCHROPHASING
TIME
TIME MEASUREMENT

SYNCHRONIZATION

USE SYNCHRONISM

SYNCHRONIZED OSCILLATORS

GS OSCILLATORS
SYNCHRONIZED OSCILLATORS
RT FREQUENCY SYNCHRONIZATION
PHASE LOCKED SYSTEMS
SYNCHROSCOPES

SYNCHRONIZERS

RT HELIOSTATS
PULSE RADAR
SERVOMOTORS
SYNCHRONISM

SYNCHRONOUS COMMUNICATION SATELLITES

USE SYNCOM SATELLITES

SYNCHRONOUS COMMUNICATIONS SATELLITE

PROJ IONS SATELLITE PROJECT)
SN PROGRAMS
GS NASA PROGRAMS
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
NASA SPACE PROGRAMS

SYNCHRONOUS COMMUNICATIONS-(CONT)

SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
PROJECTS
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
RT COMMUNICATION SATELLITES
SATELLITES
TWENTY-FOUR HOUR ORBITS

SYNCHRONOUS DETECTORS

USE CORRELATORS

SYNCHRONOUS EARTH OBSERVATORY

SATELLITE
UF SEOS
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2
SYNCHRONOUS SATELLITES
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2
RT EARLY WARNING SYSTEMS
LANDSAT SATELLITES
NASA PROGRAMS
PROGRAMS
SATELLITE OBSERVATION
SEASAT SATELLITES
SYNCHRONOUS METEOROLOGICAL
SATELLITE
TECHNOLOGY UTILIZATION

SYNCHRONOUS METEOROLOGICAL SATELLITE

UF SMS
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
SYNCHRONOUS SATELLITES
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
RT COMMUNICATION SATELLITES
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

SYNCHRONOUS MOTORS

GS MOTORS
ELECTRIC MOTORS
SYNCHRONOUS MOTORS
RT ASYNCHRONOUS MOTORS
INDUCTION MOTORS

SYNCHRONOUS PLATFORMS

UF GEOSTATIONARY PLATFORMS
GS SPACE PLATFORMS
SYNCHRONOUS PLATFORMS
RT COMMUNICATION SATELLITES
GEOSYNCHRONOUS ORBITS
∞ PLATFORMS

SYNCHRONOUS SATELLITES

UF GEOSTATIONARY SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
SYNCHRONOUS SATELLITES
AEROS SATELLITE
AEROSAT SATELLITES
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
GOES SATELLITES
GOES 1
GOES 2
GOES 3
GOES 4
GOES 5
MIRANDA SATELLITE
SIRIO SATELLITE
STORMSAT SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2

SYNCHRONOUS SATELLITES-(CONT)

SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
TD SATELLITES
TD-1 SATELLITE
RT ACTIVE SATELLITES
ARCOMSAT
CANADIAN SPACE PROGRAM
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY
SATELLITE
MILITARY SPACECRAFT
NAVIGATION SATELLITES
PASSIVE SATELLITES
REFSAT
STATIONARY ORBITS
SYMPHONIE SATELLITES
TWENTY-FOUR HOUR ORBITS

SYNCHROPHASING

RT AIRCRAFT NOISE
NOISE REDUCTION
PROPELLER BLADES
SYNCHRONISM

SYNCHROPHASOTRONS

GS PARTICLE ACCELERATORS
SYNCHROPHASOTRONS
RT ∞ ACCELERATORS
SYNCHROTRONS

SYNCHROSCOPES

GS CIRCUITS
PHASE DETECTORS
SYNCHROSCOPES
RT CORRELATORS
MEASURING INSTRUMENTS
OSCILLOSCOPES
SYNCHRONIZED OSCILLATORS

SYNCHROTRON RADIATION

GS ELECTROMAGNETIC RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
SYNCHROTRON RADIATION
POLARIZED RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
SYNCHROTRON RADIATION
RT BREMSSTRAHLUNG
EXTRATERRESTRIAL RADIATION
∞ RADIATION
RADIATION PROTECTION
SYNCHROTRONS
X RAYS

SYNCHROTRONS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
SYNCHROTRONS
BEVATRON
STORAGE RINGS (PARTICLE
ACCELERATORS)
RT BETATRONS
CYCLOTRONS
ELECTRON ACCELERATORS
ION ACCELERATORS
MICROTRONS
SYNCHROCYCLOTRONS
SYNCHROPHASOTRONS
SYNCHROTRON RADIATION

SYNCLINES

UF SYNCLINORIA
RT ANTICLINES
DOMES (GEOLOGY)
GEOLOGICAL FAULTS
GEOSYNCLINES
∞ LAYERS
STRATA
STRATIFICATION
STRATIGRAPHY

SYNCLINORIA

USE SYNCLINES

SYNCODERS

RT BIONICS

SYNCOM APOGEE ENGINES

SYNCODERS-(CONT)

NEURONS
SYNAPSES

SYNCOM APOGEE ENGINES

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SYNCOM APOGEE ENGINES
VERNIER ENGINES
SYNCOM APOGEE ENGINES
TORPEDO ENGINES
VERNIER ENGINES
SYNCOM APOGEE ENGINES

SYNCOM SATELLITES

UF SYNCHRONOUS COMMUNICATION SATELLITES
GS SATELLITES
ACTIVE SATELLITES
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
SYNCOM 4 SATELLITE
SYNCHRONOUS SATELLITES
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE
SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
RT THOR DELTA LAUNCH VEHICLE

SYNCOM 1 SATELLITE

GS SATELLITES
ACTIVE SATELLITES
SYNCOM SATELLITES
SYNCOM 1 SATELLITE
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYNCOM SATELLITES
SYNCOM 1 SATELLITE
SYNCHRONOUS SATELLITES
SYNCOM SATELLITES
SYNCOM 1 SATELLITE
RT DELTA LAUNCH VEHICLE

SYNCOM 2 SATELLITE

GS SATELLITES
ACTIVE SATELLITES
SYNCOM SATELLITES
SYNCOM 2 SATELLITE
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYNCOM SATELLITES
SYNCOM 2 SATELLITE
SYNCHRONOUS SATELLITES
SYNCOM SATELLITES
SYNCOM 2 SATELLITE
RT DELTA LAUNCH VEHICLE

SYNCOM 3 SATELLITE

GS SATELLITES
ACTIVE SATELLITES
SYNCOM SATELLITES
SYNCOM 3 SATELLITE
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYNCOM SATELLITES
SYNCOM 3 SATELLITE
SYNCHRONOUS SATELLITES
SYNCOM SATELLITES
SYNCOM 3 SATELLITE
RT DELTA LAUNCH VEHICLE

SYNCOM 4 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
SYNCOM SATELLITES
SYNCOM 4 SATELLITE
RT SPACE TRANSPORTATION SYSTEM

SYNCOPE

UF FAINTING
GS SYNCOPE

SYNCOPE-(CONT)

BLACKOUT (PHYSIOLOGY)
BLACKOUT PREVENTION
RT UNCONSCIOUSNESS

SYNDROMES

USE SIGNS AND SYMPTOMS

SYNOPTIC MEASUREMENT

RT MEASUREMENT
NEPHANALYSIS

SYNOPTIC METEOROLOGY

GS METEOROLOGY
SYNOPTIC METEOROLOGY
RT AIR MASSES
ANTICYCLONES
COLD FRONTS
CYCLONES
FRONTS (METEOROLOGY)
METEOROLOGICAL CHARTS
NEPHANALYSIS
WARM FRONTS
WEATHER FORECASTING

SYNTAX

GS LINGUISTICS
SYNTAX
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
RT FORMAT
GRAMMARS
INTERPRETATION
LANGUAGES
ORTHOGRAPHY
PARSING ALGORITHMS
PSYCHOLINGUISTICS
SEMANTICS
SPEECH

SYNTECTIC ALLOYS

GS ALLOYS
SYNTECTIC ALLOYS
RT EUTECTICS
LIQUID PHASES
METALS
MIXTURES
PHASE TRANSFORMATIONS
SOLID PHASES

SYNTHANE

UF SYNTHETIC METHANE
GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
SYNTHANE
SYNTHETIC FUELS
SYNTHANE
RT AUTOMOBILE FUELS
CARBON DIOXIDE
CARBON MONOXIDE
COAL
COAL GASIFICATION
GASIFICATION
HYDROGEN
LIGNITE
METHANE

SYNTHESIS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT BIOSYNTHESIS
CHEMICAL REACTIONS
DECISION THEORY
DESIGN
NETWORK SYNTHESIS
NUCLEAR FUSION
OPERATIONS RESEARCH
PLASMA JET SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYNTHETIC FUELS
SYSTEMS ENGINEERING

SYNTHESIS (CHEMISTRY)

RT ADDITION RESINS
CHEMICAL REACTIONS
CHEMISTRY
FISCHER-TROPSCH PROCESS
OPERATIONS RESEARCH
SYNTHESIS
SYNTHETIC FIBERS
SYNTHETIC FUELS
SYNTHETIC RESINS

NASA THESAURUS (VOLUME 1)

SYNTHESIS (CHEMISTRY)-(CONT)

SYNTHETIC RUBBERS
SYSTEMS ENGINEERING

SYNTHESIZERS

RT CHEMICAL REACTORS
FREQUENCY SYNTHESIZERS

SYNTHETIC APERTURE RADAR

GS RADAR
SYNTHETIC APERTURE RADAR
SIDE-LOOKING RADAR
RT EARTHNET
IMAGING RADAR
MICROWAVE IMAGERY
MICROWAVE SENSORS
RADAR EQUIPMENT
RADARSAT
SATELLITE-BORNE RADAR
SHUTTLE IMAGING RADAR
SURVEILLANCE RADAR
SYNTHETIC APERTURES
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)

SYNTHETIC APERTURES

GS OPENINGS
APERTURES
SYNTHETIC APERTURES
RT IMAGING TECHNIQUES
SYNTHETIC APERTURE RADAR

SYNTHETIC ARRAYS

GS ARRAYS
SYNTHETIC ARRAYS
RT ANTENNA RADIATION PATTERNS
APERTURES
DISTRIBUTION (PROPERTY)
EARTH RESOURCES SHUTTLE IMAGING
RADAR
PATTERNS

SYNTHETIC FIBERS

GS FIBERS
SYNTHETIC FIBERS
DACRON (TRADEMARK)
FORTISAN (TRADEMARK)
GLASS FIBERS
NYLON (TRADEMARK)
RAYON
VYCOR
RT ADDITION RESINS
FLAME RETARDANTS
KEVLAR (TRADEMARK)
POLYBENZIMIDAZOLE
POLYESTERS
REINFORCING FIBERS
SYNTHESIS (CHEMISTRY)
WET SPINNING

SYNTHETIC FOOD

RT AMINO ACIDS
BIOSYNTHESIS
CARBOHYDRATES
CELLULOSE
EATING
FATS
FOOD
FOOD INTAKE
NUTRITIONAL REQUIREMENTS
PROTEIN METABOLISM
PROTEINS
TASTE

SYNTHETIC FUELS

GS FUELS
CHEMICAL FUELS
SYNTHETIC FUELS
GASOHOL (FUEL)
SYNTHANE
RT CHEMICAL REACTIONS
CLEAN FUELS
FISCHER-TROPSCH PROCESS
HYDROCARBON FUELS
LIQUID FUELS
SYNTHESIS
SYNTHESIS (CHEMISTRY)

SYNTHETIC METALS

RT CRYSTAL LATTICES
GRAPHITE
ORGANOMETALLIC COMPOUNDS

SYNTHETIC METHANE
USE SYNTHANE

SYNTHETIC RESINS

- GS PLASTICS
 SYNTHETIC RESINS
 ADDITION RESINS
 ACRYLIC RESINS
 VINYL COPOLYMERS
 POLYESTER RESINS
 POLYETHER RESINS
 POLYMETHYL METHACRYLATE
 THERMOPLASTIC RESINS
 QUINOXALINES
 THERMOPLASTIC FILMS
 THERMOSETTING RESINS
 EPOXY RESINS
 FURAN RESINS
 POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 PHENOLIC RESINS
 MICARTA
 RESINS
 SYNTHETIC RESINS
 ADDITION RESINS
 VINYL COPOLYMERS
 POLYESTER RESINS
 POLYETHER RESINS
 POLYMETHYL METHACRYLATE
 THERMOPLASTIC RESINS
 QUINOXALINES
 THERMOPLASTIC FILMS
 THERMOSETTING RESINS
 EPOXY RESINS
 FURAN RESINS
 POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 PHENOLIC RESINS
 MICARTA
 PHENOLIC EPOXY RESINS
 RT POLYETHYLENES
 ∞ POLYMERS
 POLYPROPYLENE
 POLYSTYRENE
 POLYTETRAFLUOROETHYLENE
 POLYVINYL ALCOHOL
 POLYVINYL CHLORIDE
 SYNTHESIS (CHEMISTRY)
 TEFLON (TRADEMARK)

SYNTHETIC RUBBERS

- GS RUBBER
 SYNTHETIC RUBBERS
 BUNA (TRADEMARK)
 ELASTOMERS
 CHLOROPRENE RESINS
 THIOPLASTICS
 VITON RUBBER (TRADEMARK)
 VULCANIZED ELASTOMERS
 RTV-40 RUBBER (TRADEMARK)
 RTV-60 RUBBER (TRADEMARK)
 RT LATEX
 POLYBUTADIENE
 POLYISOBUTYLENE
 POLYISOPRENES
 SILICONE RUBBER
 SOLITHANES
 SYNTHESIS (CHEMISTRY)

SYNTONY

- RT FREQUENCY SYNCHRONIZATION
 OSCILLATIONS
 RESONANCE

SYPHILIS

- GS DISEASES
 INFECTIOUS DISEASES
 SYPHILIS

SYRIA

- GS NATIONS
 SYRIA
 RT ASIA

SYRINGES

- GS LABORATORY EQUIPMENT
 SYRINGES
 MEDICAL EQUIPMENT
 SYRINGES
 RT BULBS
 ∞ EQUIPMENT
 FLUID FLOW
 PIPES (TUBES)
 TRANSFUSION

SYSTEM EFFECTIVENESS

- GS EFFECTIVENESS
 SYSTEM EFFECTIVENESS
 RT MODULATION TRANSFER FUNCTION
 OPTICAL TRANSFER FUNCTION
 RELIABILITY
 RELIABILITY ENGINEERING
 ∞ SYSTEMS
 SYSTEMS ENGINEERING
 SYSTEMS INTEGRATION

SYSTEM FAILURES

- GS FAILURE
 SYSTEM FAILURES
 RT ∞ BREAKDOWN
 DETERIORATION
 DOWNTIME
 FATIGUE (MATERIALS)
 MALFUNCTIONS
 SHORT CIRCUITS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 ∞ SYSTEMS
 WEAR

SYSTEM GENERATED ELECTROMAGNETIC PULSES

- UF SGEMP
 GS ELECTROMAGNETIC FIELDS
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 ELECTROMAGNETIC RADIATION
 ELECTROMAGNETIC PULSES
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 PULSED RADIATION
 ELECTROMAGNETIC PULSES
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 PULSES
 ELECTROMAGNETIC PULSES
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 RT ELECTRIC CURRENT
 ELECTRIC PULSES
 ELECTROMAGNETIC INTERFERENCE
 ELECTRONIC EQUIPMENT
 EXTERNAL SURFACE CURRENTS
 EXTRATERRESTRIAL RADIATION
 IONIZING RADIATION
 PLASMA SHEATHS
 SPACECRAFT CHARGING
 SPACECRAFT COMMUNICATION
 X RAYS

SYSTEM IDENTIFICATION

- GS ESTIMATING
 SYSTEM IDENTIFICATION
 IDENTIFYING
 SYSTEM IDENTIFICATION
 SYSTEMS ANALYSIS
 SYSTEM IDENTIFICATION
 RT COMPLEX SYSTEMS
 CONTROL SYSTEMS DESIGN
 DYNAMIC RESPONSE
 ESTIMATES
 FUZZY SYSTEMS
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 OBSERVABILITY (SYSTEMS)
 OPTIMIZATION
 PARAMETER IDENTIFICATION
 PARAMETERIZATION
 PREDICTION ANALYSIS TECHNIQUES
 PROBABILITY THEORY
 RELIABILITY ENGINEERING
 STATISTICAL ANALYSIS
 STEEPEST DESCENT METHOD
 ∞ SYSTEMS
 SYSTEMS ENGINEERING

SYSTEM 10 COMPUTER

- USE PDP 10 COMPUTER

∞ SYSTEMS

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 AEROSPACE SYSTEMS
 AFFERENT NERVOUS SYSTEMS
 AFRICAN RIFT SYSTEM
 AIR CUSHION LANDING SYSTEMS

SYSTEMS-(CONT)

- AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 AIRCRAFT FUEL SYSTEMS
 AIRCRAFT HYDRAULIC SYSTEMS
 ALL-WEATHER LANDING SYSTEMS
 ALOHA SYSTEM
 ANNULAR SUSPENSION AND POINTING
 SYSTEM
 APOLLO EXTENSION SYSTEM
 ASCENT PROPULSION SYSTEMS
 ASTROGUIDE NAVIGATION SYSTEM
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 AUTOMATED PILOT ADVISORY SYSTEM
 AUTOMATED RADAR TERMINAL SYSTEM
 AUTOMATIC TRAFFIC ADVISORY AND
 RESOLUTION
 AUTONOMIC NERVOUS SYSTEM
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 BEACON COLLISION AVOIDANCE
 SYSTEM
 BINARY SYSTEMS (MATERIALS)
 BIOASTRONAUTICAL ORBITAL SPACE
 SYSTEM
 BIOCONTROL SYSTEMS
 CARDIOVASCULAR SYSTEM
 CELESTIAL REFERENCE SYSTEMS
 CENTRAL ELECTRONIC MANAGEMENT
 SYSTEM
 CENTRAL NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 CENTRAL NERVOUS SYSTEM
 STIMULANTS
 CHOKES (FUEL SYSTEMS)
 CLOSED ECOLOGICAL SYSTEMS
 COMPLEX SYSTEMS
 COMPUTER SYSTEMS DESIGN
 COMPUTER SYSTEMS PERFORMANCE
 COMPUTER SYSTEMS PROGRAMS
 COMPUTER SYSTEMS SIMULATION
 COOLING SYSTEMS
 CYBERNETICS
 DATA BASE MANAGEMENT SYSTEMS
 DATA SYSTEMS
 DEFENSE COMMUNICATIONS SATELLITE
 SYSTEM
 DEFENSE COMMUNICATIONS SYSTEM
 (DCS)
 DESCENT PROPULSION SYSTEMS
 DIGESTIVE SYSTEM
 DIGITAL COMMAND SYSTEMS
 DIGITAL SYSTEMS
 DISCRETE ADDRESS BEACON SYSTEM
 DISPLAY DEVICES
 DISTRIBUTED PARAMETER SYSTEMS
 DOMESTIC SATELLITE COMMUNICATIONS
 SYSTEMS
 EARLY WARNING SYSTEMS
 EARTH RESOURCES INFORMATION
 SYSTEM
 EARTH TERMINAL MEASUREMENT
 SYSTEM
 EARTH-MOON SYSTEM
 ECOSYSTEMS
 EFFERENT NERVOUS SYSTEMS
 EISCAT RADAR SYSTEM (EUROPE)
 ∞ ELASTIC SYSTEMS
 ELECTRONIC RECORDING SYSTEMS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 END-TO-END DATA SYSTEMS
 ENDOCRINE SYSTEMS
 ESCAPE SYSTEMS
 EXHAUST SYSTEMS
 FAIL-SAFE SYSTEMS
 FEED SYSTEMS
 FEEDBACK
 FLEET SATELLITE COMMUNICATION
 SYSTEM
 FUEL SYSTEMS
 FUZZY SYSTEMS
 GASTROINTESTINAL SYSTEM
 GENITOURINARY SYSTEM
 GLOBAL POSITIONING SYSTEM
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 GROUND OPERATIONAL SUPPORT
 SYSTEM
 GROUND SUPPORT SYSTEMS
 GUIDANCE (MOTION)
 HARDENING (SYSTEMS)
 HEMATOPOIETIC SYSTEM
 HYBRID NAVIGATION SYSTEMS

SYSTEMS ANALYSIS

SYSTEMS-(CONT)

HYDRAULIC EQUIPMENT
HYDROPLANES (SURFACES)
HYDROTHERMAL SYSTEMS
∞ HYPERBOLIC SYSTEMS
IFF SYSTEMS (IDENTIFICATION)
IGNITION SYSTEMS
IMLSS
INERTIAL REFERENCE SYSTEMS
INFORMATION ADAPTIVE SYSTEM
INFORMATION SYSTEMS
INSTRUMENT LANDING SYSTEMS
INTAKE SYSTEMS
INTEGRATED ENERGY SYSTEMS
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
INTERNATIONAL SYSTEM OF UNITS
INTRAVASCULAR SYSTEM
JETTISON SYSTEMS
LAUNCH ESCAPE SYSTEMS
LIFE SUPPORT SYSTEMS
LIGHT AIRBORNE MULTIPURPOSE
SYSTEM
LINEAR SYSTEMS
LOCATES SYSTEM
LORAC NAVIGATION SYSTEM
LUBRICATION SYSTEMS
LUMPED PARAMETER SYSTEMS
LUNAR EXPLORATION SYSTEM FOR
APOLLO
MAN MACHINE SYSTEMS
MAN OPERATED PROPULSION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
MANAGEMENT SYSTEMS
METAL-GAS SYSTEMS
METHOXY SYSTEMS
MICROWAVE LANDING SYSTEMS
MICROWAVE SCANNING BEAM LANDING
SYSTEM
MINITRACK SYSTEM
MIROS SYSTEM
MISSILE SYSTEMS
MODULAR INTEGRATED UTILITY SYSTEM
MUSCULOSKELETAL SYSTEM
NASA INTERACTIVE PLANNING SYSTEM
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL AVIATION SYSTEM
NATIONAL OCEANIC SATELLITE SYSTEM
NAVIGATION
NEEDS (DATA SYSTEM)
NERVOUS SYSTEM
NIKE X SYSTEMS
NOESS
NONLINEAR SYSTEMS
NOVA LASER SYSTEM
OBSERVABILITY (SYSTEMS)
OMEGA NAVIGATION SYSTEM
ON-LINE SYSTEMS
OPERATING SYSTEMS (COMPUTERS)
OPTICAL RELAY SYSTEMS
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PERIPHERAL NERVOUS SYSTEM
PHASE LOCKED SYSTEMS
PIGGYBACK SYSTEMS
PLAT SYSTEM
PNEUMATIC EQUIPMENT
POINTING CONTROL SYSTEMS
POLYSTATION DOPPLER TRACKING
SYSTEM
PORTABLE LIFE SUPPORT SYSTEMS
POST BOOST PROPULSION SYSTEM
PROPULSION SYSTEM CONFIGURATIONS
PROPULSION SYSTEM PERFORMANCE
PUBLIC ADDRESS SYSTEMS
QUALITY CONTROL
RADIO RELAY SYSTEMS
RANGER BLOCK 3 TELEVISION SYSTEM
RAPID TRANSIT SYSTEMS
∞ REFERENCE SYSTEMS
REMOTE MANIPULATOR SYSTEM
REPRODUCTIVE SYSTEMS
RESPIRATORY SYSTEM
ROTOR SYSTEMS RESEARCH AIRCRAFT
SAFEGUARD SYSTEM
SAGE AIR DEFENSE SYSTEM
SATELLITE NAVIGATION SYSTEMS
SELF ADAPTIVE CONTROL SYSTEMS
SELF ORGANIZING SYSTEMS
SENTINEL SYSTEM
SHIVA LASER SYSTEM
SNAP
SOLAR SYSTEM
SOLAR TOTAL ENERGY SYSTEMS

SYSTEMS-(CONT)

SPACE DETECTION AND TRACKING
SYSTEM
SPACE TRANSPORTATION SYSTEM
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SUNFLOWER POWER SYSTEM
SUPPORT SYSTEMS
SUSPENSION SYSTEMS (VEHICLES)
SYMPATHETIC NERVOUS SYSTEM
SYSTEM EFFECTIVENESS
SYSTEM FAILURES
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS INTEGRATION
SYSTEMS MANAGEMENT
SYSTEMS SIMULATION
SYSTEMS STABILITY
TELECOMMUNICATION
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TERCOM
TERNARY SYSTEMS
TIROS OPERATIONAL SATELLITE
SYSTEM
TOTAL ENERGY SYSTEMS
TRADEX RADAR SYSTEM
TRANSCONTINENTAL SYSTEMS
TRANSFER FUNCTIONS
TRANSOCEANIC SYSTEMS
TYPHON WEAPON SYSTEM
VACUUM SYSTEMS
VARIABLE MASS SYSTEMS
VASCULAR SYSTEM
VORTEX ADVISORY SYSTEM
WARNING SYSTEMS
WEAPON SYSTEM MANAGEMENT
WEAPON SYSTEMS

SYSTEMS ANALYSIS

GS SYSTEMS ANALYSIS
SYSTEM IDENTIFICATION
RT ∞ ANALYZING
BLOCK DIAGRAMS
BOND GRAPHS
COMPLEX SYSTEMS
COMPUTER PROGRAMMING
COMPUTER SYSTEMS PROGRAMS
COMPUTER SYSTEMS SIMULATION
CONTROL SYSTEMS DESIGN
FEASIBILITY ANALYSIS
FUZZY SYSTEMS
MAN MACHINE SYSTEMS
MATHEMATICAL MODELS
MODULATION TRANSFER FUNCTION
OBSERVABILITY (SYSTEMS)
OPERATING COSTS
OPERATIONS RESEARCH
OPTICAL TRANSFER FUNCTION
PARAMETER IDENTIFICATION
PREFLIGHT ANALYSIS
PROCEDURES
PROGRAM VERIFICATION (COMPUTERS)
SIMULATION
SOCIOLOGY
STATISTICAL ANALYSIS
∞ SYSTEMS
TRAJECTORY ANALYSIS
WEIGHT ANALYSIS
WEIGHT REDUCTION

SYSTEMS COMPATIBILITY

GS COMPATIBILITY
SYSTEMS COMPATIBILITY
RT RELIABILITY
RELIABILITY ENGINEERING

SYSTEMS DESIGN

USE SYSTEMS ENGINEERING

SYSTEMS ENGINEERING

UF SYSTEMS DESIGN
GS SYSTEMS ENGINEERING
COMPUTER SYSTEMS DESIGN
CONTROL SYSTEMS DESIGN
RT AEROSPACE SYSTEMS
AIRCRAFT DESIGN
∞ AUTOMATION
BIONICS
BOND GRAPHS
COMMUNICATING
CONTRACT MANAGEMENT
∞ CONTROL

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SYSTEMS ENGINEERING-(CONT)

CRITICAL PATH METHOD
CYBERNETICS
DATA PROCESSING
DECISION MAKING
DECISION THEORY
∞ DESIGN
ELECTRICAL ENGINEERING
∞ ENGINEERING
EXPERIMENT DESIGN
FLIGHT MANAGEMENT SYSTEMS
FORECASTING
FUNCTIONAL DESIGN SPECIFICATIONS
HUMAN FACTORS ENGINEERING
INFORMATION THEORY
LIFE CYCLE COSTS
MAN MACHINE SYSTEMS
MANAGEMENT
MANAGEMENT PLANNING
MATHEMATICAL MODELS
MECHANIZATION
MISSILE DESIGN
MODULARITY
OBSERVABILITY (SYSTEMS)
∞ OPERATIONS
OPERATIONS RESEARCH
OPTICAL TRANSFER FUNCTION
ORBIT SPECTRUM UTILIZATION
PARAMETER IDENTIFICATION
RELIABILITY
RELIABILITY ENGINEERING
RESEARCH AND DEVELOPMENT
SATELLITE DESIGN
SOFTWARE ENGINEERING
SPACECRAFT DESIGN
STATISTICAL ANALYSIS
∞ STATISTICS
∞ SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYSTEM EFFECTIVENESS
SYSTEM IDENTIFICATION
SYSTEMS INTEGRATION

SYSTEMS FOR NUCLEAR AUXILIARY POWER USE SNAP

SYSTEMS INTEGRATION

RT AIRBORNE/SPACEBORNE COMPUTERS
AVIONICS
CONTROL SYSTEMS DESIGN
DIGITAL SYSTEMS
SYSTEM EFFECTIVENESS
∞ SYSTEMS
SYSTEMS ENGINEERING
SYSTEMS SIMULATION

SYSTEMS MANAGEMENT

GS MANAGEMENT
SYSTEMS MANAGEMENT
RT INDUSTRIAL MANAGEMENT
INFORMATION SYSTEMS
MAN MACHINE SYSTEMS
MANAGEMENT METHODS
OPERATIONS RESEARCH

SYSTEMS SIMULATION

GS SIMULATION
SYSTEMS SIMULATION
RT ANALOG SIMULATION
COMPUTERIZED SIMULATION
DYNAMIC MODELS
DYNAMICAL SYSTEMS
FLIGHT SIMULATION
MATHEMATICAL MODELS
OPERATIONS RESEARCH
∞ SYSTEMS
SYSTEMS INTEGRATION

SYSTEMS STABILITY

GS STABILITY
SYSTEMS STABILITY
RT CONTROL STABILITY
DYNAMIC STABILITY
EQUATIONS OF MOTION
∞ EQUILIBRIUM
FLOW STABILITY
∞ SYSTEMS
UNSTEADY STATE

SYSTOLE

GS ANATOMY
CARDIOVASCULAR SYSTEM
SYSTOLE
RATES (PER TIME)
HEART RATE

SYSTOLE-(CONT)

SYSTOLE
 RT BLOOD FLOW
 BLOOD PRESSURE
 CARDIAC VENTRICLES
 DIASTOLE
 SYSTOLIC PRESSURE

SYSTOLIC PRESSURE

GS PRESSURE
 BLOOD PRESSURE
 SYSTOLIC PRESSURE
 RT SYSTOLE

T**T SHAPE**

UF TEE
 GS SHAPES
 T SHAPE
 RT BEAMS (SUPPORTS)

T TAIL SURFACES

GS TAIL SURFACES
 T TAIL SURFACES
 RT CONTROL SURFACES
 STABILIZERS (FLUID DYNAMICS)
 ∞ SURFACES
 SWEPTBACK TAIL SURFACES
 TAIL ASSEMBLIES

T TAURI STARS

GS CELESTIAL BODIES
 STARS
 EARLY STARS
 PROTOSTARS
 T TAURI STARS
 VARIABLE STARS
 T TAURI STARS
 RT HERBIG-HARO OBJECTS
 TAURUS CONSTELLATION

T-2 AIRCRAFT

UF BUCKEYE AIRCRAFT
 T2J AIRCRAFT
 YT-2 AIRCRAFT
 GS ATTACK AIRCRAFT
 T-2 AIRCRAFT
 JET AIRCRAFT
 T-2 AIRCRAFT
 MONOPLANES
 T-2 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 T-2 AIRCRAFT
 TRAINING AIRCRAFT
 T-2 AIRCRAFT
 RT ∞ AIRCRAFT

T-28 AIRCRAFT

UF TROJAN AIRCRAFT
 GS MONOPLANES
 T-28 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 T-28 AIRCRAFT
 TRAINING AIRCRAFT
 T-28 AIRCRAFT
 RT ∞ AIRCRAFT

T-33 AIRCRAFT

UF F-80 AIRCRAFT
 SHOOTING STAR AIRCRAFT
 GS JET AIRCRAFT
 T-33 AIRCRAFT
 LOCKHEED AIRCRAFT
 T-33 AIRCRAFT
 MONOPLANES
 T-33 AIRCRAFT
 TRAINING AIRCRAFT
 T-33 AIRCRAFT
 RT ∞ AIRCRAFT

T-34 ENGINE

GS AIRCRAFT ENGINES
 T-34 ENGINE
 ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-34 ENGINE

T-34 ENGINE-(CONT)

TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-34 ENGINE
 RT C-133 AIRCRAFT

T-37 AIRCRAFT

GS CESSNA AIRCRAFT
 T-37 AIRCRAFT
 JET AIRCRAFT
 T-37 AIRCRAFT
 MONOPLANES
 T-37 AIRCRAFT
 TRAINING AIRCRAFT
 T-37 AIRCRAFT
 RT A-37 AIRCRAFT
 ∞ AIRCRAFT

T-38 AIRCRAFT

UF TALON AIRCRAFT
 GS JET AIRCRAFT
 T-38 AIRCRAFT
 MONOPLANES
 T-38 AIRCRAFT
 NORTHROP AIRCRAFT
 T-38 AIRCRAFT
 SUPERSONIC AIRCRAFT
 T-38 AIRCRAFT
 TRAINING AIRCRAFT
 T-38 AIRCRAFT
 RT ∞ AIRCRAFT

T-38 ENGINE

GS AIRCRAFT ENGINES
 T-38 ENGINE
 ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-38 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-38 ENGINE

T-39 AIRCRAFT

UF SABRELINER AIRCRAFT
 T3J AIRCRAFT
 GS JET AIRCRAFT
 T-39 AIRCRAFT
 MONOPLANES
 T-39 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 T-39 AIRCRAFT
 PASSENGER AIRCRAFT
 T-39 AIRCRAFT
 TRAINING AIRCRAFT
 T-39 AIRCRAFT
 UTILITY AIRCRAFT
 T-39 AIRCRAFT
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT

T-53 ENGINE

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-53 ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-53 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-53 ENGINE
 RT HELICOPTER ENGINES

T-55 ENGINE

GS AIRCRAFT ENGINES
 T-55 ENGINE

T-55 ENGINE-(CONT)

RT HELICOPTER ENGINES

T-56 ENGINE

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-56 ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-56 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-56 ENGINE
 RT C-130 AIRCRAFT

T-58 ENGINE

GS ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 T-58 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 T-58 ENGINE
 RT AIRCRAFT ENGINES
 HELICOPTER ENGINES
 VERTICAL TAKEOFF AIRCRAFT

T-58-GE-8B ENGINE

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 T-58-GE-8B ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 T-58-GE-8B ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 T-58-GE-8B ENGINE
 RT AIRCRAFT ENGINES
 HELICOPTER ENGINES
 VERTICAL TAKEOFF AIRCRAFT

T-63 ENGINE

GS AIRCRAFT ENGINES
 T-63 ENGINE
 ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 T-63 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 T-63 ENGINE
 RT HELICOPTER ENGINES

T-64 ENGINE

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-64 ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-64 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES
 T-64 ENGINE
 RT HELICOPTER ENGINES

T-74 ENGINE

GS ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOPROP ENGINES

T-76 ENGINE

T-74 ENGINE-(CONT)

T-74 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOPROP ENGINES
T-74 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOPROP ENGINES
T-74 ENGINE
RT HELICOPTER ENGINES

T-76 ENGINE

GS AIRCRAFT ENGINES
T-76 ENGINE
ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
T-76 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
T-76 ENGINE
RT HELICOPTER ENGINES

T-78 ENGINE

GS AIRCRAFT ENGINES
T-78 ENGINE
ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOPROP ENGINES
T-78 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOPROP ENGINES
T-78 ENGINE

TABLASER

TABLES (DATA)

GS **TABLES (DATA)**
CONVERSION TABLES
INTERFERENCE FACTOR TABLE
MATHEMATICAL TABLES
RT ASTRONOMICAL CATALOGS
∞ DATA
DATA ACQUISITION
DATA MANAGEMENT
DATA PROCESSING
DATA RECORDING
DATA REDUCTION
DATA RETRIEVAL
PRINTOUTS
STATISTICAL ANALYSIS
∞ STATISTICS
∞ TABULATION
TABULATION PROCESSES

TABLETS

RT BRIQUETS
∞ CAPSULES
MOLDS

TABS (CONTROL SURFACES)

GS AIRFOILS
TABS (CONTROL SURFACES)
CONTROL SURFACES
TABS (CONTROL SURFACES)
RT AERIAL RUDDERS
AILERONS
∞ CONTROL
ELEVATORS (CONTROL SURFACES)
ELEVONS
RUDDERS
STABILIZERS (FLUID DYNAMICS)
∞ SURFACES

TABULATING

USE TABULATION PROCESSES

∞ TABULATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT TABLES (DATA)

TABULATION-(CONT)

TABULATION PROCESSES

TABULATION PROCESSES

UF TABULATING
RT DATA PROCESSING
DATA RECORDING
TABLES (DATA)
∞ TABULATION

TACAN

UF TACTICAL AIR NAVIGATION
GS NAVIGATION
RADIO NAVIGATION
TACAN
RT AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
FLIGHT PATHS
NAVIGATION AIDS
RADAR NAVIGATION
SOLAR COMPASSES

TACHISTOSCOPES

RT VISUAL PERCEPTION

TACHOMETERS

GS AIRCRAFT INSTRUMENTS
SPEED INDICATORS
TACHOMETERS
DISPLAY DEVICES
SPEED INDICATORS
TACHOMETERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
SPEED INDICATORS
TACHOMETERS
RT ANGULAR VELOCITY
TIMING DEVICES
VELOCITY MEASUREMENT

TACHYCARDIA

GS DISEASES
TACHYCARDIA
RATES (PER TIME)
HEART RATE
TACHYCARDIA

TACHYONS

GS PARTICLES
ELEMENTARY PARTICLES
TACHYONS

TACHYPNEA

GS RATES (PER TIME)
RESPIRATORY RATE
TACHYPNEA

TACKINESS

RT ADHESION

TACT PROGRAM

UF TRANSONIC AIRCRAFT TECHNOLOGY
PROGRAM
GS PROGRAMS
NASA PROGRAMS
TACT PROGRAM
RT ∞ AERONAUTICS
∞ AIRCRAFT

TACTICAL AIR NAVIGATION

USE TACAN

TACTICS

RT ATTACKING (ASSAULTING)
DEPLOYMENT
EVASIVE ACTIONS
MILITARY OPERATIONS
MILITARY TECHNOLOGY
OBSTACLE AVOIDANCE

TACTILE DISCRIMINATION

GS DISCRIMINATION
SENSORY DISCRIMINATION
TACTILE DISCRIMINATION
PERCEPTION
SENSORY PERCEPTION
TOUCH
TACTILE DISCRIMINATION

TACTILE SENSATION

USE TOUCH

TAFEL LAW

GS LAWS

NASA THESAURUS (VOLUME 1)

TAFEL LAW-(CONT)

TAFEL LAW
RT ELECTRODES
ELECTROLYSIS
FICKS EQUATION
POLARIZATION (CHARGE SEPARATION)

TAGGING

USE MARKING

TAGN

UF TRIAMINO GUANIDINENITRATE
GS OXIDIZERS
ROCKET OXIDIZERS
TAGN
PROPELLANTS
ROCKET PROPELLANTS
TAGN
RT EXPLOSIVES

TAIL ASSEMBLIES

UF EMPENNAGE
TAIL MOUNTINGS
TAILS (ASSEMBLIES)
VERTICAL TAILS
GS ASSEMBLIES
TAIL ASSEMBLIES
SWING TAIL ASSEMBLIES
RT AERIAL RUDDERS
AFTERBODIES
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOILS
AIRFRAMES
BOATTAILS
BODY-WING AND TAIL CONFIGURATIONS
∞ BOOM
CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
FINS
HORIZONTAL TAIL SURFACES
HYDROFOILS
MARINE RUDDERS
MISSILE STRUCTURES
RUDDERS
SAILS
STABILIZERS (FLUID DYNAMICS)
T TAIL SURFACES
VANES

TAIL MOUNTINGS

USE TAIL ASSEMBLIES

TAIL PLANES

USE HORIZONTAL TAIL SURFACES

TAIL ROTORS

GS ROTATING BODIES
ROTORS
TAIL ROTORS
HELICOPTER TAIL ROTORS
RT HELICOPTER CONTROL
ROTARY WINGS
∞ ROTOR BLADES

TAIL SURFACES

GS **TAIL SURFACES**
HORIZONTAL TAIL SURFACES
SWEEPBACK TAIL SURFACES
T TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES
RT CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
RUDDERS
STABILIZERS (FLUID DYNAMICS)
∞ SURFACES

TAILLESS AIRCRAFT

UF FLYING WING AIRCRAFT
GS **TAILLESS AIRCRAFT**
AVRO 707 AIRCRAFT
B-58 AIRCRAFT
F-102 AIRCRAFT
F-106 AIRCRAFT
FD 2 AIRCRAFT
HP-115 AIRCRAFT
MIRAGE 3 AIRCRAFT
SC-1 AIRCRAFT
VULCAN AIRCRAFT
RT ∞ AIRCRAFT
JET AIRCRAFT
∞ LOW WING AIRCRAFT
∞ MILITARY AIRCRAFT
MONOPLANES
RESEARCH AIRCRAFT

TAILORING
USE DESIGN

TAILS (ASSEMBLIES)
USE TAIL ASSEMBLIES

TAIWAN
UF REPUBLIC OF CHINA
GS NATIONS
TAIWAN
RT ASIA
CHINA
CHINESE SPACE PROGRAM
CHINESE SPACECRAFT
HONG KONG

TAKEOFF
GS TAKEOFF
VERTICAL TAKEOFF
RT AIR TRAFFIC CONTROL
AIRCRAFT LANDING
ASCENT
CLIMBING FLIGHT
JATO ENGINES
LANDING
MANEUVERS
RUNWAYS

TAKEOFF RUNS
RT AIRCRAFT PERFORMANCE
DISTANCE
RUNWAY ALIGNMENT
SHORT TAKEOFF AIRCRAFT

TAKEOFF SYSTEMS
USE AIRCRAFT LAUNCHING DEVICES

TALC
UF STEATITE
GS MAGNESIUM COMPOUNDS
TALC
MINERALS
TALC
SILICON COMPOUNDS
SILICATES
SODIUM SILICATES
TALC
SODIUM COMPOUNDS
SODIUM SILICATES
TALC

TALKING
GS SPEECH
TALKING
WORDS (LANGUAGE)
SYLLABLES
RT SENTENCES
SIGNAL TRANSMISSION

TALON AIRCRAFT
USE T-38 AIRCRAFT

TALOS MISSILE
GS MISSILES
SURFACE TO AIR MISSILES
TALOS MISSILE
RT BUMBLEBEE PROJECT
LIQUID PROPELLANT ROCKET ENGINES
MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TANDEM ROTOR HELICOPTERS
GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
TANDEM ROTOR HELICOPTERS
CH-46 HELICOPTER
CH-47 HELICOPTER
H-25 HELICOPTER
RT AIRCRAFT

TANDEM WING AIRCRAFT
GS TANDEM WING AIRCRAFT
X-19 AIRCRAFT
X-22A AIRCRAFT
RT AIRCRAFT
BIPLANES
CANARD CONFIGURATIONS
DUAL WING CONFIGURATIONS
JET AIRCRAFT
RESEARCH AIRCRAFT
AIRCRAFT
SUBSONIC AIRCRAFT
X-22 AIRCRAFT

TANGENTS
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS

TANGENTS
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
TANGENTS
GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
TANGENTS
RT CHORDS (GEOMETRY)

TANGLING
RT CONFUSION
ENTRAPMENT
MIXING

TANK GEOMETRY
GS GEOMETRY
TANK GEOMETRY
RT LIQUID SLOSHING
PROPELLANT TANKS
STORAGE TANKS
TANKS (CONTAINERS)
ULLAGE

TANK TRUCKS
GS SURFACE VEHICLES
MOTOR VEHICLES
TRUCKS
TANK TRUCKS
RT TANKERS
TRAILERS

TANKER AIRCRAFT
GS TRANSPORT AIRCRAFT
TANKER AIRCRAFT
RT AIR TO AIR REFUELING
AIRCRAFT
AIRCRAFT FUELS
BOMBER AIRCRAFT
FUEL TANKS
MILITARY AIRCRAFT
TANKERS
VALIANT AIRCRAFT

TANKER SHIPS
GS SURFACE VEHICLES
CARGO SHIPS
TANKER SHIPS
WATER VEHICLES
SHIPS
CARGO SHIPS
TANKER SHIPS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
HARBORS
MARINE TRANSPORTATION
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIPYARDS
TANKERS
WHARVES

TANKER TERMINALS
RT ARTIFICIAL HARBORS
CARGO SHIPS
DEEPWATER TERMINALS
MARINE TECHNOLOGY
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIP TERMINALS
TANKERS
TERMINAL FACILITIES
TRANSPORTATION

TANKERS
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
TANK TRUCKS
TANKER AIRCRAFT
TANKER SHIPS
TANKER TERMINALS
TRANSPORTATION ENERGY

TANKS (COMBAT VEHICLES)
GS SURFACE VEHICLES
TANKS (COMBAT VEHICLES)
RT ARMED FORCES
MILITARY OPERATIONS
MILITARY VEHICLES
ORDNANCE
VEHICLES
WEAPONS

TANKS (CONTAINERS)
GS TANKS (CONTAINERS)
BUNKERS (FUEL)
CYLINDRICAL TANKS
EXTERNAL TANKS
FUEL TANKS
WING TANKS
PROPELLANT TANKS
SPHERICAL TANKS
STORAGE TANKS
RT BASINS (CONTAINERS)
BOTTLES
CHEMICAL REACTORS
CONTAINERS
DRUMS (CONTAINERS)
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
MATERIALS HANDLING
PIPE NOZZLES
PRESSURE VESSELS
RECEIVERS
STRUCTURES
TANK GEOMETRY
TOWERS
WING-FUSELAGE STORES

TANTALUM
GS CHEMICAL ELEMENTS
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES

TANTALUM ALLOYS
GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS
TANTALUM ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
TANTALUM ALLOYS

TANTALUM CARBIDES
GS CARBON COMPOUNDS
CARBIDES
TANTALUM CARBIDES
TANTALUM COMPOUNDS
TANTALUM CARBIDES

TANTALUM COMPOUNDS
GS TANTALUM COMPOUNDS
TANTALUM CARBIDES
TANTALUM NITRIDES
TANTALUM OXIDES
RT CHEMICAL COMPOUNDS
GROUP 5B COMPOUNDS
METAL COMPOUNDS

TANTALUM ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TANTALUM ISOTOPES
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES
METALS
TRANSITION METALS
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
TANTALUM
TANTALUM ISOTOPES

TANTALUM NITRIDES

TANTALUM NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
TANTALUM NITRIDES
TANTALUM COMPOUNDS
TANTALUM NITRIDES
RT METAL NITRIDES

TANTALUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
TANTALUM OXIDES
TANTALUM COMPOUNDS
TANTALUM OXIDES

TANZANIA

GS NATIONS
TANZANIA
RT AFRICA

TAPE RECORDERS

UF MAGNETIC TAPE RECORDERS
RT DATA RECORDERS
ELECTRONIC RECORDING SYSTEMS
MAGNETIC TAPE TRANSPORTS
MAGNETIC TAPES
∞ RECORDERS
RECORDING HEADS
RECORDING INSTRUMENTS

TAPER

USE TAPERING

TAPERED COLUMNS

GS STRUCTURAL MEMBERS
COLUMNS (SUPPORTS)
TAPERED COLUMNS

TAPERED WINGS

USE SWEPT WINGS

TAPERING

UF TAPER
RT CONVERGENCE
DECELERATION
∞ REDUCTION

∞ TAPES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT ADHESIVES
COMPUTER COMPATIBLE TAPES
FASTENERS
HEAT TAPES
MAGNETIC TAPES
PLASTIC TAPES
PLAYBACKS
PUNCHED TAPES
RIBBONS
SEALS (STOPPERS)
SPlicing

TAPS

RT CUTTERS
DRILLS
MACHINE TOOLS
TOOLS

TAR SANDS

GS RESOURCES
EARTH RESOURCES
TAR SANDS
SEDIMENTS
SANDS
TAR SANDS
SOILS
SANDS
TAR SANDS
RT DISTILLATION
OIL EXPLORATION
OIL FIELDS
OILS
TARS

TARE (DATA REDUCTION)

USE DATA REDUCTION

TARGET ACQUISITION

GS ACQUISITION
TARGET ACQUISITION
RT DETECTION

TARGET ACQUISITION-(CONT)

HIGH ALT TARGET AND BACKGROUND
MEASUREMENT
MATTS (SYSTEMS)
MISSILE DETECTION
MOVING TARGET INDICATORS
SOUND RANGING
SURVEILLANCE
TARGETS

TARGET DRONE AIRCRAFT

GS DRONE VEHICLES
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT
PILOTLESS AIRCRAFT
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
REMOPLY PILOTED VEHICLES
TARGETS

TARGET MASKING

GS MASKING
TARGET MASKING
COUNTERMEASURES
TARGETS

TARGET PENETRATION

USE TERMINAL BALLISTICS

TARGET RECOGNITION

GS DETECTION
TARGET RECOGNITION
RECOGNITION
TARGET RECOGNITION
RT DISCRIMINATION
LASER TARGET DESIGNATORS
MISSILE DETECTION
MISSILE SIGNATURES
MULTISTATIC RADAR
NAP-OF-THE-EARTH NAVIGATION
RADAR HOMING MISSILES
RADAR SIGNATURES
SIGNATURE ANALYSIS
SIGNATURES
SURVEILLANCE
TARGETS
TRADEX RADAR SYSTEM

TARGET SIMULATORS

GS SIMULATORS
TARGET SIMULATORS
RT COMPUTERIZED SIMULATION
DISPLAY DEVICES

TARGET THICKNESS

GS DIMENSIONS
TARGET THICKNESS
RT PARTICLE ACCELERATOR TARGETS
TARGETS
THICKNESS

TARGETS

UF TOWED TARGETS
GS TARGETS
JINDIVIK TARGET AIRCRAFT
LASER TARGETS
PARTICLE ACCELERATOR TARGETS
RADAR TARGETS
RT AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
COMMAND AND CONTROL
DETECTION
FIREBEE 2 TARGET DRONE AIRCRAFT
IRRADIATION
LASER TARGET DESIGNATORS
LASER TARGET INTERACTIONS
LINE OF SIGHT
MICROBALLOONS
∞ MISSIONS
RADAR ECHOES
RADAR TARGET SCATTER SITE
PROGRAM
SANDPIPER TARGET MISSILE
SURVEILLANCE
TARGET ACQUISITION
TARGET DRONE AIRCRAFT
TARGET MASKING

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TARGETS-(CONT)

TARGET RECOGNITION
TARGET THICKNESS

TARS

GS PRODUCTS
PETROLEUM PRODUCTS
TARS
RT ASPHALT
GUMS (SUBSTANCES)
PITCH (MATERIAL)
TAR SANDS

TARTAR MISSILE

GS MISSILES
ANTIAIRCRAFT MISSILES
TARTAR MISSILE
SURFACE TO AIR MISSILES
TARTAR MISSILE
RT AJ-10 ENGINE
BUMBLEBEE PROJECT
SOLID PROPELLANT ROCKET ENGINES

TASK COMPLEXITY

GS COMPLEXITY
TARKE COMPLEXITY
RT COSTS
∞ PERFORMANCE
QUALITY CONTROL
SCHEDULING

TASKS

UF JOBS
GS TASKS
AUDITORY TASKS
VISUAL TASKS
RT COSTS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
∞ ELEMENTS
MATRIX MANAGEMENT
PHYSICAL WORK
PROJECTS
QUALITY CONTROL
RETRAINING
SCHEDULING
∞ TESTS

TASMANIA

GS LANDFORMS
ISLANDS
TASMANIA
RT AUSTRALIA

TASTE

UF GUSTATORY PERCEPTION
GS PERCEPTION
SENSORY PERCEPTION
TASTE
RT CHEMORECEPTORS
SYNTHETIC FOOD

TATB

UF TRIAMINOTRINITROBENZENE
GS EXPLOSIVES
TATB
PROPELLANTS
ROCKET PROPELLANTS
TATB
RT ROCKET OXIDIZERS

TAUROID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
TAUROID METEORIODS
METEORIODS
TAUROID METEORIODS

TAURUS CONSTELLATION

GS CONSTELLATIONS
TAURUS CONSTELLATION
RT CRAB NEBULA
T TAURI STARS

TAUTOMERS

RT ISOMERS

TAXIING

RT AIR TRAFFIC CONTROL
AIRFIELD SURFACE MOVEMENTS
RUNWAYS

TAXONOMY

RT CLASSIFICATIONS

TAXONOMY-(CONT)

- ∞ CLASSIFYING
- ∞ SCIENCE
- ∞ ZOOLOGY

TAYLOR INSTABILITY

- RT DENSITY DISTRIBUTION
- GOERTLER INSTABILITY
- INTERFACE STABILITY
- PERTURBATION THEORY
- ROTATING FLUIDS
- TWO DIMENSIONAL FLOW

TAYLOR MANIFEST ANXIETY SCALE

- RT ANXIETY
- PHYSIOLOGICAL TESTS
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGICAL TESTS

TAYLOR SERIES

- UF TAYLOR THEOREM
- GS ANALYSIS (MATHEMATICS)
- CALCULUS
- SERIES (MATHEMATICS)
- POWER SERIES
- TAYLOR SERIES
- MACLAURIN SERIES
- REAL VARIABLES
- SERIES (MATHEMATICS)
- POWER SERIES
- TAYLOR SERIES
- MACLAURIN SERIES
- RT THEOREMS

TAYLOR THEOREM

- USE TAYLOR SERIES

TAYLOR-GOERTLER INSTABILITY

- USE GOERTLER INSTABILITY

TCG (TRACKING)

- USE TRANSPONDER CONTROL GROUP

TCV PROGRAM

- USE TERMINAL CONFIGURED VEHICLE PROGRAM

TD SATELLITES

- GS ESA SPACECRAFT
- ESA SATELLITES
- TD SATELLITES
- TD-1 SATELLITE
- SATELLITES
- ARTIFICIAL SATELLITES
- ESA SATELLITES
- TD SATELLITES
- TD-1 SATELLITE
- SYNCHRONOUS SATELLITES
- TD SATELLITES
- TD-1 SATELLITE

TD-1 SATELLITE

- GS ESA SPACECRAFT
- ESA SATELLITES
- TD SATELLITES
- TD-1 SATELLITE
- SATELLITES
- ARTIFICIAL SATELLITES
- ESA SATELLITES
- TD SATELLITES
- TD-1 SATELLITE
- SYNCHRONOUS SATELLITES
- TD SATELLITES
- TD-1 SATELLITE

TDMA

- USE TIME DIVISION MULTIPLE ACCESS

TDR SATELLITES

- UF TRACKING AND DATA RELAY SATELLITES
- GS SATELLITES
- TDR SATELLITES
- RT AUTONOMOUS SPACECRAFT CLOCKS
- COMMUNICATING
- DATA TRANSMISSION
- RADIO RELAY SYSTEMS
- SATELLITE NETWORKS
- SATELLITE TRANSMISSION
- TELECOMMUNICATION
- TELEMETRY

TEA LASERS

- UF TRANSVERSELY EXCITED ATMOSPHERIC LASERS
- GS STIMULATED EMISSION DEVICES
- LASERS
- GAS LASERS
- TEA LASERS
- RT ATMOSPHERIC LASERS
- CARBON DIOXIDE LASERS
- CARBON MONOXIDE LASERS
- CHEMICAL LASERS
- GAS MASERS
- HF LASERS
- LASER MODES
- PULSED LASERS
- STIMULATED EMISSION

TEACHING

- USE EDUCATION

TEACHING MACHINES

- GS TRAINING DEVICES
- TEACHING MACHINES
- RT LEARNING
- LEARNING MACHINES
- ∞ MACHINERY

TEAMS

- RT BUREAUS (ORGANIZATIONS)
- FEDERATIONS
- INSTITUTIONS
- ORGANIZATIONS
- PROJECTS
- UNIVERSITY PROGRAM

TEARING

- RT MECHANICAL PROPERTIES
- RUPTURING
- SHREDDING

TEARING MODES (PLASMAS)

- RT BALLOONING MODES
- MODES
- PLASMAS (PHYSICS)

TECHNETIUM

- GS CHEMICAL ELEMENTS
- TECHNETIUM
- METALS
- TRANSITION METALS
- TECHNETIUM

TECHNETIUM COMPOUNDS

- GS TECHNETIUM COMPOUNDS
- TECHNETIUM FLUORIDES
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 7B COMPOUNDS
- ∞ METAL COMPOUNDS

TECHNETIUM FLUORIDES

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORIDES
- TECHNETIUM FLUORIDES
- HALIDES
- FLUORIDES
- TECHNETIUM FLUORIDES
- METAL HALIDES
- TECHNETIUM FLUORIDES
- TECHNETIUM COMPOUNDS
- TECHNETIUM FLUORIDES

TECHNETIUM ISOTOPES

- GS METALS
- TRANSITION METALS
- TECHNETIUM ISOTOPES

TECHNICAL WRITING

- RT ABSTRACTS
- DOCUMENTATION
- EDITING
- RECORDS
- SPECIFICATIONS
- TRANSLATING

TECHNIQUES

- USE METHODOLOGY

TECHNOLOGICAL FORECASTING

- GS FORECASTING
- TECHNOLOGICAL FORECASTING
- PATTERN METHOD (FORECASTING)
- PROBE METHOD (FORECASTING)
- PROFILE METHOD (FORECASTING)

TECHNOLOGICAL FORECASTING-(CONT)

- RT AEROSPACE TECHNOLOGY TRANSFER
- ESTIMATING
- PREDICTIONS
- TECHNOLOGY TRANSFER

TECHNOLOGIES

- GS TECHNOLOGIES
- BIOTECHNOLOGY
- BUBBLE TECHNIQUE
- ENERGY TECHNOLOGY
- GEOTHERMAL TECHNOLOGY
- MARINE TECHNOLOGY
- MILITARY TECHNOLOGY
- REACTOR TECHNOLOGY
- RT INDUSTRIES
- LOW GRAVITY MANUFACTURING
- MANUFACTURING
- NUCLEONICS
- SPACE MANUFACTURING
- TECHNOLOGY ASSESSMENT
- TECHNOLOGY UTILIZATION
- URBAN DEVELOPMENT

TECHNOLOGY ASSESSMENT

- GS ASSESSMENTS
- TECHNOLOGY ASSESSMENT
- RT CANADIAN SPACE PROGRAM
- COMMUNICATIONS TECHNOLOGY
- SATELLITE
- DELPHI METHOD (FORECASTING)
- EVALUATION
- FEASIBILITY ANALYSIS
- INDUSTRIES
- MANUFACTURING
- PATTERN METHOD (FORECASTING)
- PROBE METHOD (FORECASTING)
- PROFILE METHOD (FORECASTING)
- STRATEGIC MATERIALS
- TECHNOLOGIES
- VALUE

TECHNOLOGY FEASIBILITY SPACECRAFT

- GS UNMANNED SPACECRAFT
- TECHNOLOGY FEASIBILITY SPACECRAFT
- RT SCIENTIFIC SATELLITES
- ∞ SPACECRAFT

TECHNOLOGY TRANSFER

- GS TECHNOLOGY TRANSFER
- AEROSPACE TECHNOLOGY TRANSFER
- RT COMMUNICATING
- COMMUNICATION
- DOCUMENTATION
- DOCUMENTS
- INFORMATION FLOW
- INFORMATION MANAGEMENT
- INFORMATION TRANSFER
- REPORTS
- SELECTIVE DISSEMINATION OF INFORMATION
- SPACE COMMERCIALIZATION
- STARSITE PROGRAM
- TECHNOLOGICAL FORECASTING
- TRANSFERRING

TECHNOLOGY UTILIZATION

- RT AEROSPACE TECHNOLOGY TRANSFER
- CANADIAN SPACE PROGRAM
- COMMUNICATIONS TECHNOLOGY
- SATELLITE
- CONTROL CONFIGURED VEHICLES
- INDIAN SPACE PROGRAM
- INDUSTRIES
- INFORMATION TRANSFER
- LASER APPLICATIONS
- MANUFACTURING
- NASA PROGRAMS
- PATENT APPLICATIONS
- RESEARCH AND DEVELOPMENT
- SYNCHRONOUS EARTH OBSERVATORY
- SATELLITE
- TECHNOLOGIES
- UTILIZATION

TECTONIC MOVEMENT

- USE TECTONICS

TECTONICS

- UF TECTONIC MOVEMENT
- GS GEOLOGY
- TECTONICS
- RT ∞ DEPRESSION
- EARTH MOVEMENTS

TECTONICS-(CONT)

EARTH PLANETARY STRUCTURE
FISSURES (GEOLOGY)
GEOPHYSICS
PLATES (TECTONICS)
SUBDUCTION (GEOLOGY)

TED

USE TRANSFERRED ELECTRON DEVICES

TEE

USE T SHAPE

TEETERING

RT ∞ MOTION

TEETH

SN (EXCLUDES GEAR TEETH AND OTHER
MECHANICAL DEVICES)
GS ANATOMY
DIGESTIVE SYSTEM
TEETH
RT DENTAL CALCULI
DENTISTRY
MASTICATION
MOUTH
ORAL HYGIENE
TOOTH DISEASES

TEFLON (TRADEMARK)

GS PLASTICS
TEFLON (TRADEMARK)
RT ∞ POLYMERS
POLYTETRAFLUOROETHYLENE
RESINS
SYNTHETIC RESINS

TEKTITE PROJECT

GS PROGRAMS
NASA PROGRAMS
TEKTITE PROJECT
NASA SPACE PROGRAMS
TEKTITE PROJECT

TEKTITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TEKTITES
AUSTRALITES
BEDIASITES
RT CHONDRITES
COESITE
CYRILLID METEORIDS
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
MICROMETEORITES
NATURAL SATELLITES

TELECHIRICS

USE REMOTE HANDLING

TELECOMMUNICATION

UF COMMUNICATION SYSTEMS
GS TELECOMMUNICATION
AIRCRAFT COMMUNICATION
BROADCASTING
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATION
FACSIMILE COMMUNICATION
LINE OF SIGHT COMMUNICATION
OPTICAL COMMUNICATION
SHIP TO SHORE COMMUNICATION
UNDERWATER COMMUNICATION
DATA LINKS
DEFENSE COMMUNICATIONS
SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION
SYSTEM
DEFENSE COMMUNICATIONS SYSTEM
(DCS)
EDUCATIONAL TELEVISION
ELECTRONIC MAIL
GROUND-AIR-GROUND
COMMUNICATION
HET EXPERIMENT
MULTICHANNEL COMMUNICATION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
DEMAND ASSIGNMENT MULTIPLE
ACCESS

TELECOMMUNICATION-(CONT)

FREQUENCY DIVISION MULTIPLE
ACCESS
TIME DIVISION MULTIPLE ACCESS
PLAT SYSTEM
PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RADIO TELEGRAPHY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEPHONY
RADIOTELEPHONES
SELECTIVE DISSEMINATION OF
INFORMATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPACE COMMUNICATION
EXTRATERRESTRIAL
COMMUNICATION
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
SPACECRAFT ANTENNAS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
SATELLITE TELEVISION
STEREOTELEVISION
TELEMETRY
BIOTELEMETRY
P A C M TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TRANSCOCEANIC COMMUNICATION
VIDEO COMMUNICATION
VOICE COMMUNICATION
TELEPHONY
VOICE DATA PROCESSING
WIDEBAND COMMUNICATION
WIRELESS COMMUNICATION
RT ACCESS CONTROL
ANTENNAS
ARPA COMPUTER NETWORK
 ∞ CHANNELS
 ∞ CODE DIVISION MULTIPLEXING
COMMUNICATING
COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTERS
DATA COMPRESSION
DATA PROCESSING
DATA SAMPLING
DATA TRANSMISSION
DEMODULATION
 ∞ DETECTORS
DIGITAL SYSTEMS
ELECTROMAGNETIC RADIATION
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY DIVISION MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLEXING
INFORMATION THEORY
INTERFACES
INTERPHONES
MODULATION
MOLNIYA SATELLITES
MORSE CODE
NASCOM NETWORK
ONBOARD EQUIPMENT
PACKET SWITCHING
POINT TO POINT COMMUNICATION
SATELLITE ANTENNAS
SEAFARER PROJECT
SIGNAL DETECTION
SIGNAL DETECTORS
SIGNAL ENCODING
SIGNAL TRANSMISSION
 ∞ SIGNALS
 ∞ SYSTEMS
TDR SATELLITES
TELECONFERENCING
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TRANSCONTINENTAL SYSTEMS
TRANSMISSION
TRANSMISSION CIRCUITS

TELECOMMUNICATION-(CONT)

TRANSMISSION LINES
TRANSMITTERS
TRANSCOCEANIC SYSTEMS
VIDEO DATA
WESTAR SATELLITES

TELECONFERENCING

GS TELECONFERENCING
HET EXPERIMENT
RT COMMUNICATION SATELLITES
CONFERENCES
MULTICHANNEL COMMUNICATION
SATELLITE NETWORKS
SATELLITES
TELECOMMUNICATION

TELEGRAPH SYSTEMS

UF TELEGRAPHY
RT PULSE COMMUNICATION
RADIO COMMUNICATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
 ∞ SYSTEMS
TELECOMMUNICATION
TELEPRINTERS
TELETYPEWRITERS
WESTAR SATELLITES

TELEGRAPHY

USE TELEGRAPH SYSTEMS

TELEMETERS

USE TELEMETRY

TELEMETRY

UF TELEMETERS
GS TELECOMMUNICATION
TELEMETRY
BIOTELEMETRY
P A C M TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
RT ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
COMMUNICATION EQUIPMENT
DATA COMPRESSION
DATA LINKS
DATA RETRIEVAL
DATA TRANSMISSION
DECOMMUTATORS
DIFFERENTIAL PULSE CODE
MODULATION
IN-FLIGHT MONITORING
MEASURING INSTRUMENTS
PULSE COMMUNICATION
RADIO COMMUNICATION
SHIP TO SHORE COMMUNICATION
SIGNAL PROCESSING
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPIRAL ANTENNAS
TDR SATELLITES
TIME DIVISION MULTIPLEXING
TRAJECTORY MEASUREMENT
TRANSPONDER CONTROL GROUP
WEATHER DATA RECORDERS
WIRELESS COMMUNICATION

TELEOPERATOR MANEUVERING SYSTEM

USE TELEOPERATORS

TELEOPERATORS

UF TELEOPERATOR MANEUVERING SYSTEM
GS CONTROL EQUIPMENT
TELEOPERATORS
RT HUMAN FACTORS ENGINEERING
MAN MACHINE SYSTEMS
MANIPULATORS
REMOTE CONTROL
REMOTE HANDLING
ROBOTICS

TELEPHONES

GS TELEPHONES
RADIOTELEPHONES
RT EARPHONES
TELEPHONY
UTILITIES

TELEPHONY

GS TELECOMMUNICATION

TELEPHONY-(CONT)

RADIO COMMUNICATION
TELEPHONY
 VOICE COMMUNICATION
TELEPHONY
 TRANSMISSION
TELEPHONY
 RT COMMUNICATION EQUIPMENT
 CROSSTALK
 ECHO SUPPRESSORS
 RADIOTELEPHONES
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 SOUND TRANSMISSION
 SYMPHONIE SATELLITES
 TELEPHONES
 VERBAL COMMUNICATION

TELEPHOTOMETERS

USE TELEPHOTOMETRY

TELEPHOTOMETRY

UF TELEPHOTOMETERS
 GS OPTICAL MEASUREMENT
 PHOTOMETRY
TELEPHOTOMETRY
 RT ASTRONOMICAL PHOTOMETRY
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETERS
 TRANSMISSOMETERS

TELEPRINTERS

GS PRINTERS
TELEPRINTERS
 TYPEWRITERS
 TELETYPEWRITERS
TELEPRINTERS
 RT KEYING
 PRINTERS (DATA PROCESSING)
 RECEIVERS
 TELEGRAPH SYSTEMS

TELESAT CANADA A

USE ANIK 1

TELESAT CANADA B

USE ANIK 2

TELESAT CANADA C

USE ANIK 3

TELESAT CANADA 3

USE ANIK 3

TELESCOPES

GS **TELESCOPES**
 APOLLO TELESCOPE MOUNT
 ASTRONOMICAL TELESCOPES
 HELIOMETERS
 PYROHELIOMETERS
 INFRARED TELESCOPES
 SPACE INFRARED TELESCOPE
 FACILITY
 KILOMETER WAVE ORBITING
 TELESCOPE
 SPECTROSCOPIC TELESCOPES
 MULTISPECTRAL TRACKING
 TELESCOPES
 STRATOSCOPE TELESCOPES
 STARSAT TELESCOPE
 ULTRAVIOLET TELESCOPES
 X RAY TELESCOPES
 CELESCOPES
 CIRCUMSOLAR TELESCOPES
 GAMMA RAY TELESCOPES
 GRIST (TELESCOPE)
 MANNED ORBITAL TELESCOPES
 PARTICLE TELESCOPES
 RADIO TELESCOPES
 KILOMETER WAVE ORBITING
 TELESCOPE
 REFLECTING TELESCOPES
 STARSAT TELESCOPE
 REFRACTING TELESCOPES
 SCHMIDT CAMERAS
 SCHMIDT TELESCOPES
 SPACEBORNE TELESCOPES
 HUBBLE SPACE TELESCOPE
 URTS (TELESCOPE)
 SOLAR OPTICAL TELESCOPE
 SPACE INFRARED TELESCOPE
 FACILITY
 STARSAT TELESCOPE
 RT ANTENNAS
 ASTRONOMICAL OBSERVATORIES

TELESCOPES-(CONT)

ASTRONOMY
 BINOCULARS
 EYEPIECES
 GAMMA RAY OBSERVATORY
 LENSES
 MIRRORS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL TRANSFER FUNCTION
 PERISCOPES
 REFLECTORS
 SOLAR INSTRUMENTS
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET ASTRONOMY
 X RAY ASTROPHYSICS FACILITY

TELESCOPING STRUCTURES

USE FOLDING STRUCTURES

TELETYPEWRITER SYSTEMS

RT FACSIMILE COMMUNICATION
 MICROWAVE TRANSMISSION
 ∞ SYSTEMS
 TELECOMMUNICATION
 TELETYPEWRITERS

TELETYPEWRITERS

GS TYPEWRITERS
TELETYPEWRITERS
 TELEPRINTERS
 RT KEYING
 RECEIVERS
 TELEGRAPH SYSTEMS
 TELETYPEWRITER SYSTEMS

TELEVISION CAMERAS

GS OPTICAL EQUIPMENT
 CAMERAS
TELEVISION CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 CAMERAS
TELEVISION CAMERAS
 TELEVISION EQUIPMENT
TELEVISION CAMERAS
 RT CAMERA TUBES
 CLOSED CIRCUIT TELEVISION
 LALLEMAND CAMERAS
 OPTICAL SCANNERS
 ORTHICONS
 RETURN BEAM VIDICONS
 SATELLITE TELEVISION

TELEVISION EQUIPMENT

GS **TELEVISION EQUIPMENT**
 IMAGE DISSECTOR TUBES
 MONOSCOPES
 TELEVISION CAMERAS
 TELEVISION RECEIVERS
 RT CATHODE RAY TUBES
 DIPLEXERS
 ∞ EQUIPMENT
 FLYING SPOT SCANNERS
 ORTHICONS
 PICTURE TUBES
 VIDEO EQUIPMENT

TELEVISION RECEIVERS

GS RECEIVERS
TELEVISION RECEIVERS
 TELEVISION EQUIPMENT
TELEVISION RECEIVERS
 RT CLOSED CIRCUIT TELEVISION
 TUNERS

TELEVISION RECEPTION

GS SIGNAL RECEPTION
TELEVISION RECEPTION
 RT COLOR TELEVISION
 RADIO RECEIVERS
 RADIO RECEPTION
 ∞ RECEIVING

TELEVISION SYSTEMS

GS **TELEVISION SYSTEMS**
 ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 CLOSED CIRCUIT TELEVISION
 COLOR TELEVISION
 EDUCATIONAL TELEVISION
 PLAT SYSTEM
 SPACECRAFT TELEVISION
 DIGITAL SPACECRAFT TELEVISION
 RANGER BLOCK 3 TELEVISION
 SYSTEM

TELEVISION SYSTEMS-(CONT)

SATELLITE TELEVISION
 STEREOTELEVISION
 RT COMMUNICATION EQUIPMENT
 DIGITAL TELEVISION
 EARTH TERMINALS
 FACSIMILE COMMUNICATION
 IMAGING TECHNIQUES
 ORBIT SPECTRUM UTILIZATION
 RADIO COMMUNICATION
 SPACE COMMUNICATION
 ∞ SYSTEMS
 TELECOMMUNICATION
 VIDEO COMMUNICATION
 VIDEO DATA

TELEVISION TRANSMISSION

GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
TELEVISION TRANSMISSION
 SIGNAL TRANSMISSION
TELEVISION TRANSMISSION
 RT AUTOMATIC PICTURE TRANSMISSION
 CLOSED CIRCUIT TELEVISION
 COLOR TELEVISION
 DIGITAL TELEVISION
 DOUBLE SIDEBAND TRANSMISSION
 LINE OF SIGHT COMMUNICATION
 MOLNIYA SATELLITES
 RADIO TRANSMITTERS
 SATELLITE TELEVISION
 SATELLITE TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SMEAR
 SPACECRAFT TELEVISION
 SWEEP FREQUENCY
 TIME DIVISION MULTIPLEXING
 TRANSMITTERS
 WAVE PROPAGATION

TELLEGEN THEORY

USE GYRATORS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS

TELLURIC CURRENTS

UF EARTH CURRENTS
 GS ELECTRIC CURRENT
TELLURIC CURRENTS
 ELECTRICITY
 GEOELECTRICITY
TELLURIC CURRENTS
 RT ATMOSPHERIC ELECTRICITY
 AURORAL ELECTROQUETS
 DYNAMO THEORY
 GEOMAGNETIC MICROPULSATIONS

TELLURIC LINES

GS SPECTRA
 ABSORPTION SPECTRA
TELLURIC LINES
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 LINE SPECTRA
TELLURIC LINES
 SPECTRAL BANDS
TELLURIC LINES
 RT H LINES

TELLURIDES

GS CHALCOGENIDES
TELLURIDES
 BISMUTH TELLURIDES
 CADMIUM TELLURIDES
 INDIUM TELLURIDES
 LANTHANUM TELLURIDES
 LEAD TELLURIDES
 MERCURY TELLURIDES
 TIN TELLURIDES
 ZINC TELLURIDES
 TELLURIUM COMPOUNDS
TELLURIDES
 BISMUTH TELLURIDES
 CADMIUM TELLURIDES
 INDIUM TELLURIDES
 LANTHANUM TELLURIDES
 LEAD TELLURIDES
 MERCURY TELLURIDES
 TIN TELLURIDES
 ZINC TELLURIDES
 RT INTERMETALLICS

TELLURIUM

GS CHEMICAL ELEMENTS

TELLURIUM ALLOYS**TELLURIUM-(CONT)**

METALLOIDS
TELLURIUM
TELLURIUM ISOTOPES
NUCLIDES
ISOTOPES
TELLURIUM
TELLURIUM ISOTOPES

TELLURIUM ALLOYS

GS ALLOYS
TELLURIUM ALLOYS

TELLURIUM COMPOUNDS

GS **TELLURIUM COMPOUNDS**
TELLURIDES
BISMUTH TELLURIDES
CADMIUM TELLURIDES
INDIUM TELLURIDES
LANTHANUM TELLURIDES
LEAD TELLURIDES
MERCURY TELLURIDES
TIN TELLURIDES
ZINC TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 6A COMPOUNDS

TELLURIUM ISOTOPES

UF TELLURIUM 119
GS CHEMICAL ELEMENTS
METALLOIDS
TELLURIUM
TELLURIUM ISOTOPES
NUCLIDES
ISOTOPES
TELLURIUM
TELLURIUM ISOTOPES

TELLURIUM 119

USE TELLURIUM ISOTOPES

TELLUROMETERS

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
TELLUROMETERS
RT GEODIMETERS
RANGE FINDERS

TELSTAR PROJECT

GS PROGRAMS
PROJECTS
TELSTAR PROJECT
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSAT PROGRAM

TELSTAR SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
TELSTAR SATELLITES
TELSTAR 1 SATELLITE
TELSTAR 2 SATELLITE
RT COMSAT PROGRAM
THOR DELTA LAUNCH VEHICLE

TELSTAR 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
TELSTAR SATELLITES
TELSTAR 1 SATELLITE

TELSTAR 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
TELSTAR SATELLITES
TELSTAR 2 SATELLITE

TEMPEL 2 COMET

GS CELESTIAL BODIES
COMETS
TEMPEL 2 COMET
RT ∞ COMA
METEORIODS
SOLAR SYSTEM

TEMPEL (METALLURGY)

RT COLD WORKING
DUCTILITY
HARDNESS
HEAT TREATMENT

TEMPERATE REGIONS

UF MIDLATITUDES
SUBTROPICAL REGIONS

TEMPERATE REGIONS-(CONT)

GS REGIONS
RT **TEMPERATE REGIONS**
CLIMATOLOGY
GEOGRAPHY
POLAR REGIONS
TROPICAL REGIONS

TEMPERATURE

UF BODY TEMPERATURE (NON-BIOLOGICAL)
GS **TEMPERATURE**
ABSOLUTE ZERO
AMBIENT TEMPERATURE
ATMOSPHERIC TEMPERATURE
AURORAL TEMPERATURE
IONOSPHERIC TEMPERATURE
BODY TEMPERATURE
BRIGHTNESS TEMPERATURE
COMBUSTION TEMPERATURE
CRITICAL TEMPERATURE
CURIE TEMPERATURE
FLAME TEMPERATURE
GAS TEMPERATURE
HIGH TEMPERATURE
IGNITION TEMPERATURE
FLASH POINT
INLET TEMPERATURE
ION TEMPERATURE
LOW TEMPERATURE
ULTRALOW TEMPERATURES
LUNAR TEMPERATURE
NEEL TEMPERATURE
NOISE TEMPERATURE
OPERATING TEMPERATURE
PLANETARY TEMPERATURE
PLASMA TEMPERATURE
ROOM TEMPERATURE
SATELLITE TEMPERATURE
SKIN TEMPERATURE (BIOLOGY)
SOLAR TEMPERATURE
SPACE TEMPERATURE
SPIN TEMPERATURE
STAGNATION TEMPERATURE
STELLAR TEMPERATURE
SUBZERO TEMPERATURE
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
WALL TEMPERATURE
TRANSITION TEMPERATURE
WATER TEMPERATURE
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE
RT ABLATIVE MATERIALS
ADIABATIC CONDITIONS
AIR CONDITIONING
BIOLOGICAL EFFECTS
CLIMATOLOGY
COMFORT
CONVECTIVE FLOW
ELECTRON ENERGY
EMISSIVITY
ENVIRONMENTS
FREE CONVECTION
GEOTEMPERATURE
GIBBS-HELMHOLTZ EQUATIONS
HEAT
HEAT SHIELDING
HEAT STORAGE
HEATING
HUMIDITY
ISOTHERMS
LAPSE RATE
MELTING POINTS
METEOROLOGY
OCEAN THERMAL ENERGY CONVERSION
REFRIGERATING
SAHA EQUATIONS
SURFACE COOLING
TEMPERATURE COMPENSATION
TEMPERATURE CONTROL
TEMPERATURE DEPENDENCE
TEMPERATURE DISTRIBUTION
TEMPERATURE EFFECTS
TEMPERATURE GRADIENTS
TEMPERATURE INVERSIONS
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING
INSTRUMENTS
TEMPERATURE PROBES
TEMPERATURE PROFILES
TEMPERATURE RATIO
TEMPERATURE SCALES
TEMPERATURE SENSORS
TEPHIGRAMS
THERMAL ABSORPTION

NASA THESAURUS (VOLUME 1)**TEMPERATURE-(CONT)**

THERMAL ANALYSIS
THERMAL BLOOMING
THERMAL BOUNDARY LAYER
THERMAL BUCKLING
THERMAL COMFORT
THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY GAGES
THERMAL CONDUCTORS
THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL DECOMPOSITION
THERMAL DEGRADATION
THERMAL DIFFUSION
THERMAL DIFFUSIVITY
THERMAL DISSOCIATION
THERMAL EMISSION
THERMAL ENERGY
THERMAL ENVIRONMENTS
THERMAL EXPANSION
THERMAL FATIGUE
THERMAL INSTABILITY
THERMAL INSULATION
THERMAL MAPPING
THERMAL NEUTRONS
THERMAL NOISE
THERMAL PLASMAS
THERMAL POLLUTION
THERMAL PROTECTION
THERMAL RADIATION
THERMAL REACTORS
THERMAL RESISTANCE
THERMAL RESOURCES
THERMAL SHOCK
THERMAL SIMULATION
THERMAL STABILITY
THERMAL STRESSES
THERMAL VACUUM TESTS
THERMODYNAMIC EFFICIENCY
THERMODYNAMIC PROPERTIES
VENTILATION

TEMPERATURE COMPENSATION

GS INSTRUMENT COMPENSATION
TEMPERATURE COMPENSATION
RT ∞ COMPENSATION
TEMPERATURE

TEMPERATURE CONTROL

UF HEAT REGULATION
RT AIR CONDITIONING
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
 ∞ CONTROL
CONTROLLERS
COOLING
COOLING SYSTEMS
CRYOSTATS
ENGINE CONTROL
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
EXHAUST SYSTEMS
HEAT SHIELDING
HEATING
HEATING EQUIPMENT
HIGH TEMPERATURE TESTS
INFRARED SUPPRESSION
LOW TEMPERATURE TESTS
MANUAL CONTROL
PLASMA COOLING
REFRIGERATING
REFRIGERATING MACHINERY
REMOTE CONTROL
REUSABLE HEAT SHIELDING
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
SPACECRAFT TEMPERATURE
TEMPERATURE
THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL INSULATION
THERMOMETERS
THERMOREGULATION
THERMOSTATS
TRANSPIRATION
VENTILATION
WATER HEATING

TEMPERATURE DEPENDENCE

GS DEPENDENCE
TEMPERATURE DEPENDENCE
RT TEMPERATURE

NASA THESAURUS (VOLUME 1)

TENNESSEE VALLEY (AL-KY-TN)

TEMPERATURE DIFFERENCES
USE TEMPERATURE GRADIENTS

TEMPERATURE DISTRIBUTION
UF TEMPERATURE FIELDS
GS DISTRIBUTION (PROPERTY)
TEMPERATURE DISTRIBUTION
RT AIR CONDITIONING
COOLING
COOLING SYSTEMS
ENVIRONMENTAL ENGINEERING
FIELD THEORY (PHYSICS)
HEAT TREATMENT
HEATING
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMS
OCEAN TEMPERATURE
REFRIGERATING
SATELLITE TEMPERATURE
TEMPERATURE
THERMAL MAPPING
THERMAL RESOURCES
THERMAL SHOCK
THERMAL STRESSES
THERMOGRAPHY
VENTILATION
VERTICAL DISTRIBUTION
WATER TEMPERATURE

TEMPERATURE EFFECTS
UF HEAT EFFECTS
PHOTOTHERMOTROPISM
RICHARDSON-DUSHMAN EQUATION
THERMAL EFFECTS
THERMOTROPISM
RT ABLATION
ABSOLUTE ZERO
CHEMICAL EFFECTS
∞ EFFECTS
ETTINGSHAUSEN EFFECT
JET BLAST EFFECTS
MAGNETIC EFFECTS
NERNST-ETTINGSHAUSEN EFFECT
Peltier Effects
PRESSURE EFFECTS
∞ RADIATION
REENTRY EFFECTS
SEEBECK EFFECT
SHAPE MEMORY ALLOYS
SOLAR GRANULATION
STERILIZATION EFFECTS
TEMPERATURE
THERMAL BUCKLING
THERMAL DEGRADATION
THERMAL DISSOCIATION
THERMAL RESISTANCE
THERMAL STRESSES
THERMOGRAVIMETRY
THERMOLUMINESCENCE
THERMOPLASTICITY
TIME TEMPERATURE PARAMETER

TEMPERATURE FIELDS
USE TEMPERATURE DISTRIBUTION

TEMPERATURE GRADIENTS
UF TEMPERATURE DIFFERENCES
GS GRADIENTS
TEMPERATURE GRADIENTS
THERMOCLINES
RT ATMOSPHERIC TEMPERATURE
BATHYTHERMOGRAPHS
CHAPMAN-ENSKOG THEORY
CONVECTIVE HEAT TRANSFER
ISOTHERMAL LAYERS
ISOTHERMS
NONISOTHERMAL PROCESSES
OCEAN TEMPERATURE
POTENTIAL GRADIENTS
STRATIFICATION
TEMPERATURE
THERMAL ANALYSIS
THERMAL MAPPING
THERMOMIGRATION

TEMPERATURE INDICATORS
USE INDICATING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS

TEMPERATURE INSTRUMENTS
USE TEMPERATURE MEASURING
INSTRUMENTS

TEMPERATURE INVERSIONS
GS INVERSIONS
TEMPERATURE INVERSIONS
RT AIR POLLUTION
ATMOSPHERIC TEMPERATURE
BENDING
BIREFRINGENCE
BUCKLING
CRACKING (FRACTURING)
CRACKS
CREEP PROPERTIES
DEFLECTION
DEFORMATION
DISPLACEMENT
DISTORTION
FAILURE
FATIGUE (MATERIALS)
INTERNAL PRESSURE
LAPSE RATE
MECHANICAL PROPERTIES
METEOROLOGICAL PARAMETERS
METEOROLOGY
PHOTOELASTIC ANALYSIS
PLASTIC DEFORMATION
PRESSURE
PRESSURE EFFECTS
RESIDUAL STRESS
SAINT VENANT PRINCIPLE
SHEAR PROPERTIES
SHRINKAGE
STRAIN GAGES
STRAIN HARDENING
STRAIN RATE
STRESS ANALYSIS
STRESS RELAXATION
STRESS WAVES
STRESSES
STRUCTURAL STRAIN
TEMPERATURE
TENSILE DEFORMATION
∞ TENSION
TEPHIGRAMS
TORSION
VOLUMETRIC STRAIN
X RAY STRESS ANALYSIS
YIELD STRENGTH

TEMPERATURE MEASUREMENT
UF PYROMETRY
THERMOMETRY
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BRIGHTNESS TEMPERATURE
CRAYONS
GAS TEMPERATURE
HIGH TEMPERATURE
∞ MEASUREMENT
NOISE TEMPERATURE
PYROMETERS
RADIATION PYROMETERS
RESISTANCE THERMOMETERS
SATELLITE TEMPERATURE
SODAR
SOUND DETECTING AND RANGING
TEMPERATURE
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
THERMOGRAPHY
THERMOMETERS
WIND TUNNEL CALIBRATION

TEMPERATURE MEASURING INSTRUMENTS
UF TEMPERATURE INDICATORS
TEMPERATURE INSTRUMENTS
THERMOGRAMS
GS MEASURING INSTRUMENTS
**TEMPERATURE MEASURING
INSTRUMENTS**
BATHYTHERMOGRAPHS
OPTICAL PYROMETERS
PYROMETERS
RADIATION PYROMETERS
THERMOCOUPLE PYROMETERS
TEMPERATURE PROBES
PNEUMATIC PROBES
THERMOMETERS
RESISTANCE THERMOMETERS
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BOMB CALORIMETERS
CALORIMETERS
DROP CALORIMETERS
FLAME CALORIMETERS
FLAME PROBES
TEMPERATURE

TEMPERATURE MEASURING-(CONT)
THERMISTORS
THERMOCOUPLES
THERMOPILES
THERMOSTATS
TRANSDUCERS

TEMPERATURE PROBES
GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
TEMPERATURE PROBES
PNEUMATIC PROBES
RT TEMPERATURE
THERMOCOUPLES

TEMPERATURE PROFILES
RT HEAT TRANSFER
TEMPERATURE
THERMAL ANALYSIS

TEMPERATURE RATIO
RT DATA CORRELATION
HEAT TRANSFER
RATIOS
TEMPERATURE

TEMPERATURE SCALES
UF FAHRENHEIT TEMPERATURE SCALE
INTERNATIONAL PRACTICAL
TEMPERATURE
RT ABSOLUTE ZERO
ANOMALOUS TEMPERATURE ZONES
CALIBRATING
∞ SCALE
STANDARDS
TEMPERATURE
THERMOMETERS

TEMPERATURE SENSORS
GS **TEMPERATURE SENSORS**
THERMISTORS
RT ANOMALOUS TEMPERATURE ZONES
TEMPERATURE

TEMPERING
GS HEAT TREATMENT
TEMPERING
RT ANNEALING
∞ DRAWING
HARDENING (MATERIALS)
LASER ANNEALING
METAL WORKING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING
STRETCHING

TEMPLATES
RT LOFTING
MOLDS
∞ PATTERNS

TEMPORAL DISTRIBUTION
RT ANNUAL VARIATIONS
SPATIAL DISTRIBUTION
TIME DEPENDENCE
∞ TIME RESPONSE

TEMPORAL RESOLUTION
UF MULTITEMPORAL ANALYSIS
RESOLUTION
GS **TEMPORAL RESOLUTION**
RT SPATIAL RESOLUTION

TENDENCIES
RT ∞ INCLINATION

TENDONS
RT CONNECTIVE TISSUE
FIBROBLASTS

TENITE
RT CELLULOSE
MOLDING MATERIALS

TENNESSEE
GS NATIONS
UNITED STATES
TENNESSEE
RT GREAT SMOKY MOUNTAINS (NC-TN)
TENNESSEE VALLEY (AL-KY TN)

TENNESSEE VALLEY (AL-KY-TN)
GS VALLEYS

TENSILE CREEP

TENNESSEE VALLEY (AL-KY-TN)-(CONT) TENNESSEE VALLEY (AL-KY-TN)

RT ALABAMA
KENTUCKY
TENNESSEE

TENSILE CREEP

GS MECHANICAL PROPERTIES
CREEP PROPERTIES
TENSILE CREEP
RT PLASTIC DEFORMATION
SHEAR CREEP

TENSILE DEFORMATION

GS DEFORMATION
TENSILE DEFORMATION
RT ELASTIC DEFORMATION
ELONGATION
PLASTIC DEFORMATION
TEMPERATURE INVERSIONS

TENSILE PROPERTIES

GS MECHANICAL PROPERTIES
TENSILE PROPERTIES
RT ELASTIC PROPERTIES
HIGH STRENGTH ALLOYS
∞ PROPERTIES

TENSILE STRENGTH

GS MECHANICAL PROPERTIES
TENSILE STRENGTH
RT DUCTILITY
ELASTIC PROPERTIES
ELONGATION
FIBER STRENGTH
HIGH STRENGTH
HYSTERESIS
POISSON RATIO
RESIDUAL STRENGTH
RESILIENCE
SHEAR STRENGTH
∞ STRENGTH
TOUGHNESS

TENSILE STRESS

GS STRESSES
TENSILE STRESS
RT AXIAL STRESS
HIGH STRENGTH
HOOPS
STRESS INTENSITY FACTORS
∞ TENSION
TRIAxIAL STRESSES

TENSILE TESTS

RT DESTRUCTIVE TESTS
FATIGUE TESTS
LOAD TESTS
SPECIMEN GEOMETRY
STATIC TESTS
∞ TESTS

TENSIOMETERS

GS MEASURING INSTRUMENTS
TENSIOMETERS
RT CABLE FORCE RECORDERS
MECHANICAL MEASUREMENT

∞ TENSION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BLOOD PRESSURE
INTERFACIAL TENSION
PARTIAL PRESSURE
STRETCHING
TEMPERATURE INVERSIONS
TENSILE STRESS

TENSOMETERS

GS MEASURING INSTRUMENTS
TENSOMETERS
RT DEFORMETERS
EXTENSOMETERS
STRAIN GAGES
STRESS MEASUREMENT
WEIGHT INDICATORS

TENSOR ANALYSIS

GS GEOMETRY
DIFFERENTIAL GEOMETRY
TENSOR ANALYSIS
RT RELATIVITY
SCALARS

TENSOR ANALYSIS-(CONT)

SCALERS
TENSORS

TENSOR FIELDS

USE TENSORS

TENSORS

UF TENSOR FIELDS
TRANSFORMATION TENSORS
GS ALGEBRA
TENSORS
STRESS TENSORS
RT FIELD THEORY (PHYSICS)
JORDAN FORM
SCALARS
TENSOR ANALYSIS

TEPHIGRAMS

GS DIAGRAMS
TEPHIGRAMS
RT ATMOSPHERIC TURBULENCE
ENTROPY
LAPSE RATE
TEMPERATURE
TEMPERATURE INVERSIONS
THERMODYNAMIC PROPERTIES

TERBIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
TERBIUM
TERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
TERBIUM
TERBIUM ISOTOPES

TERBIUM ISOTOPES

UF TERBIUM 155
TERBIUM 161
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TERBIUM ISOTOPES
RARE EARTH ELEMENTS
TERBIUM
TERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
TERBIUM
TERBIUM ISOTOPES

TERBIUM 155

USE TERBIUM ISOTOPES

TERBIUM 161

USE TERBIUM ISOTOPES

TERCOM

UF TERRAIN CONTOUR MATCHING
NAVIGATION SYSTEM
GS NAVIGATION AIDS
TERCOM
ONBOARD EQUIPMENT
AIRBORNE EQUIPMENT
TERCOM
AIRCRAFT EQUIPMENT
TERCOM
RT DISPLAY DEVICES
FLIGHT INSTRUMENTS
MAP MATCHING GUIDANCE
NAVIGATION INSTRUMENTS
∞ SYSTEMS
VIDEO LANDMARK ACQUISITION AND
TRACKING

TEREPHTHALATE

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
DICARBOXYLIC ACIDS
TEREPHTHALATE

TERMINAL AREA ENERGY MANAGEMENT

GS MANAGEMENT
TERMINAL AREA ENERGY
MANAGEMENT
RT DIGITAL TECHNIQUES
SPACE SHUTTLE ORBITERS
SPACE TRANSPORTATION
SPACECRAFT LANDING

NASA THESAURUS (VOLUME 1)

TERMINAL BALLISTICS

UF PENETRATION BALLISTICS
PROJECTILE PENETRATION
TARGET PENETRATION
GS BALLISTICS
TERMINAL BALLISTICS
RT ENERGY TRANSFER
FRAGMENTATION
MISSILES
PENETRATION
PROJECTILES

TERMINAL CONFIGURED VEHICLE PROGRAM

UF TCV PROGRAM
GS PROGRAMS
NASA PROGRAMS
TERMINAL CONFIGURED VEHICLE
PROGRAM
RT AIRCRAFT DESIGN
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
∞ VEHICLES

TERMINAL FACILITIES

GS TERMINAL FACILITIES
SHIP TERMINALS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
∞ FACILITIES
HARBORS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SITE SELECTION
TANKER TERMINALS
∞ TERMINALS
TRANSPORTATION
WHARVES

TERMINAL GUIDANCE

GS GUIDANCE (MOTION)
TERMINAL GUIDANCE
LASER GUIDANCE
RT COMMAND GUIDANCE
DESCENT TRAJECTORIES
ENTRY GUIDANCE (STS)
GLIDE PATHS
HOMING
INERTIAL GUIDANCE
MIDCOURSE GUIDANCE
REENTRY
REENTRY GUIDANCE
REENTRY TRAJECTORIES
REENTRY VEHICLES
RENDEZVOUS GUIDANCE
SPACECRAFT GUIDANCE

TERMINAL VELOCITY

GS RATES (PER TIME)
TERMINAL VELOCITY
VELOCITY
RT TERMINAL VELOCITY
GRAVITATION

∞ TERMINALS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONNECTORS
DATA PROCESSING TERMINALS
ELECTRIC TERMINALS
∞ HEADERS
JUMPERS
OUTLETS
SHIP TERMINALS
TERMINAL FACILITIES

TERMINATING

USE STOPPING

TERMINATOR LINES

RT ∞ LINES
LUNAR PHASES
∞ PHASES
SUNRISE
SUNSET

TERMINOLOGY

RT DICTIONARIES
NOMENCLATURES
THESAURI
WORDS (LANGUAGE)

TERMS

RT INFORMATION THEORY
THESAURI

TERNARY ALLOYS

GS ALLOYS
TERNARY ALLOYS
ASTROLOY (TRADEMARK)

TERNARY SYSTEMS

RT ALLOYS
BINARY SYSTEMS (MATERIALS)
SOLID SOLUTIONS
∞ SYSTEMS

TERNARY SYSTEMS (DIGITAL)

USE DIGITAL SYSTEMS

TERPENES

GS **TERPENES**
AZULENE
CAMPHOR
MECAMYLAMINE
MENTHOL
TURPENTINE
RT ALKENES

TERPHENYLS

GS PHENYLS
TERPHENYLS

TERRACES (LANDFORMS)

GS **LANDFORMS**
TERRACES (LANDFORMS)
PLATEAUS
ALLEGHENY PLATEAU (US)
COLORADO PLATEAU (US)
MESAS
BUTTES
PIEDMONT
CENTRAL PIEDMONT (US)
RT FORMATIONS
MOUNTAINS

TERRADYNAMICS

RT ∞ DYNAMICS
EARTH SURFACE
GEODYNAMICS
PROJECTILES

TERRAIN

UF LANDSCAPE
GS TOPOGRAPHY
TERRAIN
RT GEOMORPHOLOGY
LANDFORMS
LANDMARKS

TERRAIN ANALYSIS

UF SATAN (SENSOR)
RT ∞ ANALYZING
CHANGE DETECTION
EARTH RESOURCES
EROS (SATELLITES)
GEOGRAPHIC APPLICATIONS PROGRAM
HOLOGRAMMETRY
MAPPING
NAP-OF-THE-EARTH NAVIGATION
PHOTOGRAMMETRY
RECONNAISSANCE
SATELLITE SURFACES
SOIL MAPPING
VIDEO LANDMARK ACQUISITION AND
TRACKING

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM

USE TERCOM

TERRAIN FOLLOWING AIRCRAFT

GS **TERRAIN FOLLOWING AIRCRAFT**
TSR-2 AIRCRAFT
RT AH-1G HELICOPTER
AH-63 HELICOPTER
AH-64 HELICOPTER
∞ AIRCRAFT
ATTACK AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
NAP-OF-THE-EARTH NAVIGATION
OBSERVATION AIRCRAFT
∞ SUBSONIC AIRCRAFT
UTILITY AIRCRAFT

TERRESTRIAL DUST BELT

GS DUST
TERRESTRIAL DUST BELT
RT ∞ BELTS
COSMIC DUST
GEGENSCHNEID
METEOROID DUST CLOUDS
MICROMETEORIODS
ZODIACAL DUST

TERRESTRIAL MAGNETISM

USE GEOMAGNETISM

TERRESTRIAL PLANETS

GS CELESTIAL BODIES
PLANETS
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)
VENUS (PLANET)
RT CELESTIAL MECHANICS
PLANETARY ENVIRONMENTS
PLANETOLOGY
SOLAR SYSTEM

TERRESTRIAL RADIATION

SN (EXCLUDES ATMOSPHERIC RADIATION
AND REFLECTED VISIBLE LIGHT)
UF EARTH RADIATION
GS ELECTROMAGNETIC RADIATION
TERRESTRIAL RADIATION
RT ATMOSPHERIC RADIATION
EARTH (PLANET)
EARTH ALBEDO
EARTH RADIATION BUDGET
EXPERIMENT
EXTRATERRESTRIAL RADIATION
FAR INFRARED RADIATION
GREENHOUSE EFFECT
INFRARED RADIATION
NEAR INFRARED RADIATION
PLANETARY RADIATION
∞ RADIATION
TROPOSPHERIC RADIATION

TERRIER MISSILE

GS MISSILES
ANTI-AIRCRAFT MISSILES
TERRIER MISSILE
SURFACE TO AIR MISSILES
TERRIER MISSILE
RT BUMBLEBEE PROJECT
MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TESSERAL HARMONICS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
HARMONIC ANALYSIS
TESSERAL HARMONICS
HARMONICS
TESSERAL HARMONICS
RT SATELLITE PERTURBATION

TEST BEDS

USE TEST EQUIPMENT

TEST CHAMBERS

UF ENVIRONMENTAL CHAMBERS
GS COMPARTMENTS
TEST CHAMBERS
ANECHOIC CHAMBERS
PRESSURE CHAMBERS
HYPERBARIC CHAMBERS
VACUUM CHAMBERS
RT ∞ CAPSULES
∞ CHAMBERS
CRYOGENIC WIND TUNNELS
ENVIRONMENT MODELS
ENVIRONMENT SIMULATORS
ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORIES
ENVIRONMENTAL TESTS
THERMAL VACUUM TESTS
VACUUM TESTS
WIND TUNNELS

∞ TEST EQUIPMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)

TEST EQUIPMENT-(CONT)

UF CHECKOUT EQUIPMENT
TEST BEDS
TESTERS
RT TESTING MACHINES
ANALYZERS
ASTRONOMICS
AUTOMATIC TEST EQUIPMENT
AVIONICS
∞ CAPSULES
CEFOAM CHECKOUT EQUIPMENT
CENTRIFUGES
CHECKOUT
DYNAMOMETERS
EARTH TERMINAL MEASUREMENT
SYSTEM
ELECTRONIC EQUIPMENT TESTS
∞ EQUIPMENT
FATIGUE TESTING MACHINES
FREE FLIGHT TEST APPARATUS
FREQUENCY ANALYZERS
GEOPHYSICAL FLUID FLOW CELLS
GROUND SUPPORT EQUIPMENT
HYPERSONIC TEST APPARATUS
IMPACT TESTING MACHINES
LOAD TESTING MACHINES
MEASURING INSTRUMENTS
MONOSCOPES
ONBOARD EQUIPMENT
ROCKET PROPELLED SLEDS
SAMPLERS
SIMULATORS
SUPERSONIC TEST APPARATUS
TEST FACILITIES
TEST PATTERN GENERATORS
TEST STANDS
WIND TUNNEL MODELS
WIND TUNNELS

TEST FACILITIES

GS **TEST FACILITIES**
ANECHOIC CHAMBERS
CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
ENGINE TESTING LABORATORIES
ENVIRONMENTAL LABORATORIES
HYDRAULIC TEST TUNNELS
ROCKET TEST FACILITIES
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
TEST STANDS
TRANSIENT REACTOR TEST FACILITY
WIND TUNNELS
BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
CRYOGENIC WIND TUNNELS
HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
HYPERVELOCITY WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
LOW DENSITY WIND TUNNELS
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SLOTTED WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS
TRISONIC WIND TUNNELS
RT ARIZONA REGIONAL ECOLOGICAL TEST
SITE
∞ FACILITIES
FLIGHT SIMULATORS
LABORATORIES
MODELS
MOTION SIMULATORS
RESEARCH FACILITIES
SHOCK TUBES
SIMULATORS
SOLAR SIMULATORS
SPACECRAFT CABIN SIMULATORS
∞ TEST EQUIPMENT
∞ TESTS

TEST FIRING

GS FIRING (IGNITING)
TEST FIRING
STATIC FIRING
RT ENGINE TESTS

TEST PATTERN GENERATORS

TEST FIRING-(CONT)

FUEL TESTS
GROUND TESTS
MISSILE TESTS
PREFIRING TESTS
PRELAUNCH TESTS
ROCKET FIRING
ROCKET TEST FACILITIES
STATIC TESTS
∞ TESTS

TEST PATTERN GENERATORS

RT ∞ FAULTS
∞ GENERATORS
∞ PATTERNS
∞ TEST EQUIPMENT

TEST PILOTS

GS PERSONNEL
FLYING PERSONNEL
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
OPERATORS (PERSONNEL)
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
RT ∞ PILOTS

TEST RANGES

GS RANGES (FACILITIES)
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
TEST FACILITIES
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
RT DOWNRANGE
DOWNRANGE MEASUREMENT
RANGE SAFETY
ROCKET TEST FACILITIES

TEST STANDS

GS TEST FACILITIES
TEST STANDS
RT ENGINE TESTS
FLAME DEFLECTORS
PREFIRING TESTS
PRELAUNCH TESTS
ROCKET TEST FACILITIES
∞ TEST EQUIPMENT

TEST VEHICLES

GS TEST VEHICLES
FLIGHT TEST VEHICLES
RT ∞ AIRCRAFT
ALTITUDE TESTS
∞ BALLISTIC VEHICLES
∞ CAPSULES
ELECTRIC MOTOR VEHICLES
HIGH ALTITUDE TESTS
HYPERSONIC VEHICLES
LAUNCH VEHICLES
MISSILE TESTS
MISSILES
REENTRY VEHICLES
RESEARCH AIRCRAFT
ROCKET VEHICLES
∞ SPACECRAFT
∞ TESTS
TOWED BODIES
∞ VEHICLES

TESTERS

USE TEST EQUIPMENT

TESTES

GS ANATOMY
GENITOURINARY SYSTEM
TESTES
GLANDS (ANATOMY)
SEX GLANDS
TESTES
ORGANS
TESTES
REPRODUCTIVE SYSTEMS
TESTES
VISCERA
ORGANS
TESTES
SEX GLANDS
TESTES
RT ∞ REPRODUCTION

TESTING

USE TESTS

TESTING MACHINES

USE TEST EQUIPMENT

TESTING TIME

GS TIME
RT TESTING TIME
BURNING TIME
ENGINE TESTS
FATIGUE TESTS
FLIGHT TIME
∞ TESTS
TURNAROUND (STS)
WINDOWS (INTERVALS)

∞ TESTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
UF PRETESTS
TESTING
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
ACCURACY
ADHESION TESTS
ALTITUDE TESTS
APPROACH AND LANDING TESTS (STS)
BEND TESTS
CAPTIVE TESTS
CHECKOUT
CHEMICAL ANALYSIS
CHEMICAL TESTS
COLD FLOW TESTS
COLD WEATHER TESTS
COMPRESSION TESTS
COMPUTATIONAL CHEMISTRY
CONFIDENCE LIMITS
CORROSION TEST LOOPS
CORROSION TESTS
CREEP TESTS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
DAMPING TESTS
DESTRUCTIVE TESTS
DROP TESTS
DYNAMIC TESTS
EDUCATION
ELECTRIC EQUIPMENT TESTS
ELECTRONIC EQUIPMENT TESTS
EMPLOYMENT
ENGINE TESTS
ENVIRONMENTAL TESTS
ERRORS
EVALUATION
EXAMINATION
EXTRAPOLATION
FATIGUE TESTS
FLIGHT STABILITY TESTS
FLIGHT TESTS
FUEL TESTS
FULL SCALE TESTS
GROUND TESTS
HARDNESS TESTS
HIGH ALTITUDE TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
LABORATORIES
LOAD TESTS
LOW TEMPERATURE TESTS
LUBRICANT TESTS
∞ MATERIALS TESTS
MEDIAN (STATISTICS)
MISSILE TESTS
NONDESTRUCTIVE TESTS
NOTCH TESTS
ORBITAL SPACE STATIONS
ORBITAL SPACE TESTS
PATCH TESTS
PERFORMANCE TESTS
PERSONALITY TESTS
PHYSIOLOGICAL TESTS
PREFIRING TESTS
PREFLIGHT ANALYSIS
PRELAUNCH TESTS
PROGRAM VERIFICATION (COMPUTERS)
PROPELLANT TESTS
PROVING
PSYCHOLOGICAL TESTS
QUALIFICATIONS
QUALITY
QUALITY CONTROL
RAILROAD HUMMING TESTS
RANK TESTS

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TESTS-(CONT)

REACTOR STARTUP TESTS
RECORDS
RELIABILITY
RESONANCE TESTING
RORSCHACH TESTS
SALT SPRAY TESTS
SAMPLING
SELECTION
SHOCK TESTS
SNELLEN TESTS
SPACE ELECTRIC ROCKET TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE VEHICLE CHECKOUT PROGRAM
SPIN TESTS
STABILITY TESTS
STATIC TESTS
STATISTICAL TESTS
STROKING TESTS
TASKS
TENSILE TESTS
TEST FACILITIES
TEST FIRING
TEST VEHICLES
TESTING TIME
THERMAL CYCLING TESTS
THERMAL VACUUM TESTS
ULTRASONIC TESTS
VACUUM TESTS
VIBRATION TESTS
WATER TUNNEL TESTS
WEAR TESTS
WELD TESTS
WIND TUNNEL STABILITY TESTS
WIND TUNNEL TESTS
WING FLOW METHOD TESTS
X RAY INSPECTION

TETHERED BALLOONS

UF KITE BALLOONS
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
RT TETHERED BALLOONS
METEOROLOGICAL BALLOONS
REELS

TETHERED SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
TETHERED SATELLITES
RT REELS

TETHERING

RT ORBITAL RENDEZVOUS
REELS
TETHERLINES

TETHERLINES

RT ANCHORS (FASTENERS)
∞ CABLES
∞ LINES
TETHERING
UMBILICAL CONNECTORS

TETHYS

GS SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
TETHYS
RT SATURN (PLANET)

TETRABUTYLS

GS ALIPHATIC COMPOUNDS
TETRABUTYLS

TETRACHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
TETRACHLORIDES
HALIDES
CHLORIDES
TETRACHLORIDES

TETRACHLOROMETHANE

USE CARBON TETRACHLORIDE

TETRACYCLINES

GS DRUGS
ANTIBIOTICS
TETRACYCLINES
HETEROCYCLIC COMPOUNDS

TETRACYCLINES-(CONT)
TETRACYCLINES
 STEROIDS
TETRACYCLINES

TETRAD THEORY
 RT CHROMOSOMES
 MIOSIS
 SPORES
 ∞ THEORIES

TETRAETHYL ORTHOCARBONATES
 GS CARBON COMPOUNDS
 CARBONATES
TETRAETHYL ORTHOCARBONATES

TETRAETHYL ORTHOSILICATE
 GS ADHESIVES
TETRAETHYL ORTHOSILICATE
 RT ETHYL COMPOUNDS
 GLUES
 SILICATES

TETRAFLUOROHYDRAZINE
 GS ALIPHATIC COMPOUNDS
 HYDRAZINES
TETRAFLUOROHYDRAZINE
 AMINES
TETRAFLUOROHYDRAZINE

TETRAGONS
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYGONS
TETRAGONS
 PARALLELOGRAMS
 RHOMBOIDS
 RECTANGLES
 SQUARES (MATHEMATICS)
 TRAPEZOIDS

TETRAHEDRONS
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYHEDRONS
TETRAHEDRONS
 RT TRIANGLES

TETRAHYDROFURAN
 UF BUTYLENE OXIDES
 GS HETEROCYCLIC COMPOUNDS
 FURANS
TETRAHYDROFURAN
 ORGANIC COMPOUNDS
 FURANS
TETRAHYDROFURAN
 SOLVENTS
TETRAHYDROFURAN
 RT ADDITIVES
 ∞ CHEMICAL COMPOUNDS
 PLASTICS
 POLYVINYL CHLORIDE

TETRANITROTETRAZACYCLOOCTANE
 USE HMX

TETRAPHENYLS
 GS PHENYLS
 POLYPHENYLS
TETRAPHENYLS

TETRAZOLES
 GS HETEROCYCLIC COMPOUNDS
TETRAZOLES

TETRODES
 RT ELECTRON TUBES
 PENTODES
 SEMICONDUCTOR DEVICES
 TRANSISTORS
 TRIODES

TETROONS
 USE SUPERPRESSURE BALLOONS

TETRYL
 GS AMINES
TETRYL
 EXPLOSIVES
TETRYL
 NITROGEN COMPOUNDS
 NITRO COMPOUNDS
TETRYL
 PROPELLANTS

TETRYL-(CONT)
TETRYL

TEXAS
 GS NATIONS
 UNITED STATES
TEXAS
 RT GULF OF MEXICO
 HOUSTON (TX)
 LAKE TEXOMA (OK-TX)
 RIO GRANDE (NORTH AMERICA)

TEXTBOOKS
 GS DOCUMENTS
TEXTBOOKS
 RT EDUCATION
 HANDBOOKS
 KNOWLEDGE
 LEARNING
 LIBRARIES
 MANUALS
 SUBJECTS

TEXTILES
 GS **TEXTILES**
 COTTON FIBERS
 LINEN
 RAYON
 RT CLOTHING
 COTTON
 FABRICS
 FIBERS
 VAPOR BARRIER CLOTHING
 WET SPINNING

TEXTS
 GS DOCUMENTS
TEXTS
 RT FORMAT
 RECORDS

TEXTURES
 RT CURL (MATERIALS)
 FINENESS
 MECHANICAL PROPERTIES
 POROSITY
 SURFACE PROPERTIES

TF-30 ENGINE
 GS AIRCRAFT ENGINES
TF-30 ENGINE
 ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
TF-30 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
TF-30 ENGINE

TF-34 ENGINE
 GS AIRCRAFT ENGINES
TF-34 ENGINE

TF-41 ENGINE
 GS AIRCRAFT ENGINES
TF-41 ENGINE
 ENGINES
 AIR BREATHING ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
TF-41 ENGINE
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
TF-41 ENGINE
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
TF-41 ENGINE

TFX AIRCRAFT
 USE F-111 AIRCRAFT

TH-55 HELICOPTER
 GS HUGHES AIRCRAFT
TH-55 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
TH-55 HELICOPTER

THAILAND
 GS NATIONS
THAILAND
 RT ASIA

THALAMUS
 GS NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
THALAMUS
 RT BRAIN

THALLIUM
 GS CHEMICAL ELEMENTS
THALLIUM
 THALLIUM ISOTOPES
 METALS
THALLIUM
 THALLIUM ISOTOPES
 RT THALLIUM COMPOUNDS

THALLIUM ALLOYS
 GS ALLOYS
THALLIUM ALLOYS

THALLIUM COMPOUNDS
 RT ∞ METAL COMPOUNDS
 THALLIUM

THALLIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 THALLIUM
THALLIUM ISOTOPES
 METALS
 THALLIUM
THALLIUM ISOTOPES

THAWING
 USE MELTING

THEMATIC MAPPING
 GS MAPPING
THEMATIC MAPPING
 RT CADASTRAL MAPPING
 MAPS
 PHOTO GEOLOGY
 PHOTOMAPPING
 PHOTOMAPS

THEMIS PROJECT
 GS PROGRAMS
 PROJECTS
THEMIS PROJECT

THEODOLITES
 GS MEASURING INSTRUMENTS
 OPTICAL MEASURING INSTRUMENTS
 TRANSITS
THEODOLITES
 CINETHEODOLITES
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 TRANSITS
THEODOLITES
 CINETHEODOLITES
 RT SEXTANTS

THEODORSEN TRANSFORMATION
 RT AIRFOIL PROFILES
 COMPLEX VARIABLES
 CONFORMAL MAPPING
 COORDINATE TRANSFORMATIONS
 JOUKOWSKI TRANSFORMATION
 PRESSURE DISTRIBUTION

THEOREM PROVING
 GS PROBLEM SOLVING
THEOREM PROVING
 PROVING
THEOREM PROVING
 RT ARTIFICIAL INTELLIGENCE
 COMPUTER PROGRAMMING
 THEOREMS

THEOREMS
 UF LEMMAS
 GS **THEOREMS**

THEORETICAL PHYSICS

THEOREMS-(CONT)

ADDITION THEOREM
BAYES THEOREM
BERNOULLI THEOREM
BINOMIAL THEOREM
CASTIGLIANO VARIATIONAL THEOREM
DUALITY THEOREM
EQUIPARTITION THEOREM
EXISTENCE THEOREMS
FLOQUET THEOREM
GAUSS-MARKOV THEOREM
HELLMANN-FEYNMAN THEOREM
KAKUTANI THEOREM
LEBESGUE THEOREM
LIOUVILLE THEOREM
MICHELL THEOREM
POMERANCHUK THEOREM
POYNTING THEOREM
RECIPROCAL THEOREMS
RECIPROCITY THEOREM
RICHARDS THEOREM
RIESZ THEOREM
SCHAUDER FIXPOINT THEOREM
SIMILARITY THEOREM
LAGRANGE SIMILARITY HYPOTHESIS
STOKES THEOREM (VECTOR CALCULUS)
UNIQUENESS THEOREM
VIRIAL THEOREM
RT HYPOTHESES
MATHEMATICAL LOGIC
∞ MATHEMATICS
TAYLOR SERIES
THEOREM PROVING

THEORETICAL PHYSICS

GS THEORETICAL PHYSICS
NEWTON THEORY
QUANTUM THEORY
BOHR THEORY
RT ASTROPHYSICS
BROKEN SYMMETRY
CHARM (PARTICLE PHYSICS)
ELECTROPHYSICS
FLAVOR (PARTICLE PHYSICS)
GEOPHYSICS
NAKED SINGULARITIES
NUCLEAR PHYSICS
∞ PHYSICS
PLASMA PHYSICS
RADIO PHYSICS
∞ SCIENCE
∞ SOLID STATE PHYSICS
STRANGE ATTRACTORS
UNIFIED FIELD THEORY
YANG-MILLS THEORY

∞ THEORIES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ABRIKOSOV THEORY
ASSUMPTIONS
ATOMIC THEORY
AUTOMATA THEORY
BCS THEORY
BELLMAN THEORY
BENDING THEORY
BESSEL-BREDICHIN THEORY
BIMETRIC THEORIES
BOGOLIUBOV THEORY
BOHR THEORY
BORN-INFELD THEORY
CATASTROPHE THEORY
CHAPMAN-ENSKOG THEORY
COMMUNICATION THEORY
CONTROL THEORY
CROCCO-LEE THEORY
DEBYE-HUCKEL THEORY
DECISION THEORY
DIFFUSION THEORY
DYNAMO THEORY
DYSON THEORY
EYRING THEORY
FIELD MODE THEORY
FIELD THEORY (ALGEBRA)
FIELD THEORY (PHYSICS)
FINITE DIFFERENCE THEORY
FLOW THEORY
FLUCTUATION THEORY
FOSTER THEORY
GAME THEORY
GAUGE THEORY
GEOMETRICAL THEORY OF DIFFRACTION

THEORIES-(CONT)

GESTALT THEORY
GLAUBER THEORY
GOAL THEORY
GRAPH THEORY
GRAVITATION THEORY
GRIFFITH CRACK
GROUP THEORY
HANSEN LUNAR THEORY
HEISENBERG THEORY
HILL LUNAR THEORY
HOMOTOPY THEORY
HUECKEL THEORY
HYPOTHESES
INFORMATION THEORY
JEANS THEORY
KINETIC THEORY
KOLMOGOROFF THEORY
LEARNING THEORY
MALKUS THEORY
MANNING THEORY
MATRIX THEORY
MICHAELIS THEORY
MIXING LENGTH FLOW THEORY
MOLECULAR THEORY
MOMENTUM THEORY
NEWTON THEORY
NONADIABATIC THEORY
NUMBER THEORY
NUMERICAL DIFFERENTIATION
OPIK THEORY
ORTHOGONAL MULTIPLEXING THEORY
PARTICLE THEORY
PERTURBATION THEORY
PHYSICAL OPTICS
PISTON THEORY
PLATE THEORY
POPULATION THEORY
POTENTIAL THEORY
PROBABILITY THEORY
QUANTUM CHROMODYNAMICS
QUANTUM THEORY
QUEUEING THEORY
REISSNER THEORY
RELATIVISTIC THEORY
S MATRIX THEORY
SADDLE POINTS (GAME THEORY)
SET THEORY
SHELL THEORY
SPECTRAL THEORY
STATISTICAL DECISION THEORY
STRONG INTERACTIONS (FIELD THEORY)
STURM-LIOUVILLE THEORY
SWITCHING THEORY
TETRAD THEORY
TRANSPORT THEORY
VINI THEORY
WEAK INTERACTIONS (FIELD THEORY)
YANG-MILLS THEORY
YOUNG-HELMHOLTZ THEORY

THERAPY

GS THERAPY
CHEMOTHERAPY
MASSAGING
PSYCHOTHERAPY
RADIATION THERAPY
RT CURES
DISEASES
HEALING
MEDICAL EQUIPMENT
PATIENTS
RESPIRATORS
SKIN GRAFTS

THERMAL ABSORPTION

GS ENERGY ABSORPTION
THERMAL ABSORPTION
POLAR CAP ABSORPTION
RT ABLATION
∞ ABSORPTION
ATMOSPHERIC ATTENUATION
CHARRING
GRAY GAS
HEAT SINKS
PYROLYSIS
TEMPERATURE

THERMAL ACCOMMODATION COEFFICIENTS

USE ACCOMMODATION COEFFICIENT

THERMAL AGITATION

USE THERMAL ENERGY

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THERMAL ANALYSIS

UF DIFFERENTIAL THERMAL ANALYSIS
DTA (ANALYSIS)
RT ∞ ANALYZING
HEAT TRANSMISSION
TEMPERATURE
TEMPERATURE GRADIENTS
TEMPERATURE PROFILES

THERMAL BATTERIES

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
THERMAL BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
THERMAL BATTERIES
RT ALKALINE BATTERIES
DRY CELLS

THERMAL BLOOMING

UF LASER BEAM DEFOCUSING
THERMAL DEFOCUSING
RT LASER CUTTING
LASER HEATING
LASER OUTPUTS
LASERS
PHOTON BEAMS
TEMPERATURE

THERMAL BOUNDARY LAYER

GS BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
RT HYPERSONIC BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
RAYLEIGH-BENARD CONVECTION
TEMPERATURE
TURBULENT BOUNDARY LAYER

THERMAL BUCKLING

GS BUCKLING
THERMAL BUCKLING
THERMODYNAMIC PROPERTIES
THERMAL EXPANSION
THERMAL BUCKLING
RT EXPANSION
TEMPERATURE
TEMPERATURE EFFECTS

THERMAL COMFORT

RT HEAT STROKE
TEMPERATURE
THERMAL ENVIRONMENTS

THERMAL CONDUCTIVITY

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
THERMAL CONDUCTIVITY
TRANSPORT PROPERTIES
THERMAL CONDUCTIVITY
RT AIR CONDUCTIVITY
ATMOSPHERIC CONDUCTIVITY
CONDUCTIVE HEAT TRANSFER
∞ CONDUCTIVITY
FOURIER LAW
HOT-WIRE FLOWMETERS
LEWIS NUMBERS
SPECIFIC HEAT
TEMPERATURE
THERMOHYDRAULICS

THERMAL CONDUCTIVITY GAGES

SN (GAGES FOR MEASURING THERMAL CONDUCTIVITY--EXCLUDES GAGES USING THERMAL CONDUCTIVITY TO MEASURE OTHER PROPERTIES OR VARIABLES)
GS MEASURING INSTRUMENTS
THERMAL CONDUCTIVITY GAGES
RT TEMPERATURE

THERMAL CONDUCTORS

GS CONDUCTORS
THERMAL CONDUCTORS
RT ∞ CONDUCTION
CONDUCTIVE HEAT TRANSFER
ELECTRIC CONDUCTORS
TEMPERATURE

THERMAL CONTROL COATINGS

GS COATINGS
THERMAL CONTROL COATINGS
RT ABLATIVE MATERIALS

THERMAL CONTROL COATINGS-(CONT)

∞ CONTROL
HEAT SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
TEMPERATURE
TEMPERATURE CONTROL

THERMAL CONVECTION

USE FREE CONVECTION

THERMAL CURRENTS

USE CONVECTIVE FLOW

THERMAL CYCLING TESTS

RT CLOSED CYCLES
COOLING
FATIGUE TESTS
HEATING
TEMPERATURE
TEMPERATURE CONTROL
∞ TESTS
THERMODYNAMIC PROPERTIES

THERMAL DECOMPOSITION

GS CHEMICAL REACTIONS
THERMAL DECOMPOSITION
PYROLYSIS
DECOMPOSITION
THERMAL DECOMPOSITION
RT ABLATION
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS
TEMPERATURE
THERMOCHEMISTRY
THERMOGRAVIMETRY

THERMAL DEFOCUSING

USE THERMAL BLOOMING

THERMAL DEGRADATION

GS DEGRADATION
THERMAL DEGRADATION
STERILIZATION EFFECTS
THERMAL DEGRADATION
RT PYROLYSIS
TEMPERATURE
TEMPERATURE EFFECTS

THERMAL DIFFUSION

GS DIFFUSION
THERMAL DIFFUSION
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
THERMAL DIFFUSION
RT CHAPMAN-ENSKOG THEORY
∞ CONDUCTION
CONVECTIVE FLOW
ELECTRON DIFFUSION
GAS HEATING
GASEOUS DIFFUSION
HEAT TRANSFER
KIRKENDALL EFFECT
PECLET NUMBER
∞ SEPARATION
SORET COEFFICIENT
SURFACE DIFFUSION
TEMPERATURE
THERMOCHEMISTRY
THERMOHYDRAULICS
VISCOSITY

THERMAL DIFFUSIVITY

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
THERMAL DIFFUSIVITY
TRANSPORT PROPERTIES
THERMAL DIFFUSIVITY
RT TEMPERATURE
VISCOSITY

THERMAL DISSOCIATION

GS CHEMICAL REACTIONS
THERMAL DISSOCIATION
DISSOCIATION
THERMAL DISSOCIATION
RT CRACKING (CHEMICAL ENGINEERING)
DECOMPOSITION
DEGRADATION
GAS DISSOCIATION
HEAT OF DISSOCIATION
HYDROGEN PRODUCTION
IONIZATION
PLASMAS (PHYSICS)

THERMAL DISSOCIATION-(CONT)

TEMPERATURE
TEMPERATURE EFFECTS

THERMAL EFFECTS

USE TEMPERATURE EFFECTS

THERMAL EFFICIENCY

USE THERMODYNAMIC EFFICIENCY

THERMAL EMISSION

GS DECAY
EMISSION
THERMAL EMISSION
THERMIONIC EMISSION
RT ELECTRON EMISSION
EMISSIVITY
EXHAUST EMISSION
INCANDESCENCE
INFRARED ABSORPTION
TEMPERATURE

THERMAL ENERGY

UF THERMAL AGITATION
RT COGENERATION
∞ ENERGY
FREE ENERGY
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL RESOURCES
HEAT
HEAT OF FUSION
HEAT OF SOLUTION
INTERNAL ENERGY
KINETIC ENERGY
LATTICE VIBRATIONS
PHOTOTHERMAL CONVERSION
SOLAR THERMAL ELECTRIC POWER
PLANTS
TEMPERATURE

THERMAL ENERGY STORAGE

USE HEAT STORAGE

THERMAL ENVIRONMENTS

GS ENVIRONMENTS
THERMAL ENVIRONMENTS
RT ADIABATIC CONDITIONS
AEROSPACE ENVIRONMENTS
HEAT STROKE
HIGH TEMPERATURE ENVIRONMENTS
LIFE SUPPORT SYSTEMS
LOW TEMPERATURE ENVIRONMENTS
LUNAR ENVIRONMENT
PLANETARY ENVIRONMENTS
SATELLITE TEMPERATURE
SPACECRAFT ENVIRONMENTS
TEMPERATURE
THERMAL COMFORT

THERMAL EXPANSION

GS EXPANSION
THERMAL EXPANSION
THERMODYNAMIC PROPERTIES
THERMAL EXPANSION
THERMAL BUCKLING
RT BOUSSINESQ APPROXIMATION
DILATOMETRY
EXTENSOMETERS
GRUNEISEN CONSTANT
HEAT TRANSFER
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
NEEL TEMPERATURE
∞ PHYSICAL PROPERTIES
TEMPERATURE
THERMOPHYSICAL PROPERTIES
WARPAGE

THERMAL FATIGUE

GS FATIGUE (MATERIALS)
THERMAL FATIGUE
RT HIGH TEMPERATURE ENVIRONMENTS
METAL FATIGUE
TEMPERATURE

THERMAL GRAVIMETRY

USE THERMOGRAVIMETRY

THERMAL INSTABILITY

GS THERMODYNAMIC PROPERTIES
THERMAL INSTABILITY
RT CLEAR AIR TURBULENCE
COMBUSTION STABILITY
MAGNETOHYDRODYNAMIC STABILITY

THERMAL INSTABILITY-(CONT)

PYROLYSIS
SPUTTERING
STELLARATORS
TEMPERATURE

THERMAL INSULATION

GS INSULATION
THERMAL INSULATION
RT AIR CONDITIONING
AMBERLITE (TRADEMARK)
ASBESTOS
CORK (MATERIALS)
CRYOGENIC FLUID STORAGE
HEAT
HEAT SHIELDING
HEAT SINKS
HEAT TRANSFER
HEAT TRANSMISSION
HEATING EQUIPMENT
REENTRY SHIELDING
REFRACTORIES
REFRACTORY COATINGS
TEMPERATURE
TEMPERATURE CONTROL
TROMBE WALLS

THERMAL MAPPING

GS MAPPING
THERMAL MAPPING
RT AERIAL RECONNAISSANCE
EARTH RESOURCES
GEOTHERMAL ANOMALIES
GEOTHERMAL RESOURCES
HEAT CAPACITY MAPPING MISSION
INFRARED RADIOMETERS
INFRARED SCANNERS
ISOTHERMAL LAYERS
ISOTHERMS
PHOTOMAPPING
PLANETARY MAPPING
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMOGRAPHY

THERMAL NEUTRONS

UF SLOW NEUTRONS
GS NUCLEAR RADIATION
THERMAL NEUTRONS
PARTICLES
ELEMENTARY PARTICLES
FERMIONS
NEUTRONS
THERMAL NEUTRONS
NEUTRAL PARTICLES
NEUTRONS
THERMAL NEUTRONS
RT BARYONS
FAST NEUTRONS
NUCLEAR REACTORS
TEMPERATURE
THERMALIZATION (ENERGY
ABSORPTION)

THERMAL NOISE

GS ELASTIC WAVES
SOUND WAVES
NOISE (SOUND)
THERMAL NOISE
ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
WHITE NOISE
THERMAL NOISE
RT CHANNEL NOISE
ELECTROMAGNETIC NOISE
MEASUREMENT
NOISE TEMPERATURE
SHOT NOISE
TEMPERATURE

THERMAL PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
THERMAL PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
THERMAL PLASMAS
RT ELECTRON PLASMA
HIGH TEMPERATURE PLASMAS

THERMAL POLLUTION

THERMAL PLASMAS-(CONT)
 PLASMA GENERATORS
 PLASMA TEMPERATURE
 TEMPERATURE

THERMAL POLLUTION

GS POLLUTION
THERMAL POLLUTION
 RT BIOLOGICAL EFFECTS
 COASTAL ECOLOGY
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL QUALITY
 ENVIRONMENTAL SURVEYS
 ENVIRONMENTS
 HEAT TRANSFER
 LAKES
 LIQUID COOLING
 MARINE BIOLOGY
 NUCLEAR REACTORS
 OCEAN TEMPERATURE
 OCEANS
 PLANKTON
 POLLUTION TRANSPORT
 SEAS
 TEMPERATURE
 WATER POLLUTION
 WATER TEMPERATURE

THERMAL POWER

USE TURBOGENERATORS

THERMAL PROPERTIES

USE THERMODYNAMIC PROPERTIES

THERMAL PROTECTION

GS PROTECTION
THERMAL PROTECTION
 RT ABLATIVE MATERIALS
 CARBON-CARBON COMPOSITES
 HEAT SHIELDING
 LUDOX (TRADEMARK)
 RADIATION PROTECTION
 REENTRY SHIELDING
 REUSABLE HEAT SHIELDING
 TEMPERATURE

THERMAL RADIATION

SN (EMITTED AS THE RESULT OF THERMAL
 EXCITATION OF MOLECULES)
 GS ELECTROMAGNETIC RADIATION
THERMAL RADIATION
 PHONON BEAMS
 RT BLACK BODY RADIATION
 CONCENTRATORS
 GREENHOUSE EFFECT
 HEAT
 INFRARED RADIATION
 LIGHT (VISIBLE RADIATION)
 NEAR INFRARED RADIATION
 NONGRAY GAS
 PLANCKS CONSTANT
 PLANETARY RADIATION
 ∞ RADIATION
 RADIO WAVES
 SKY RADIATION
 SOLAR RADIATION
 SUNLIGHT
 TEMPERATURE
 THERMODYNAMIC PROPERTIES
 ULTRAVIOLET RADIATION

THERMAL REACTORS

GS NUCLEAR REACTORS
THERMAL REACTORS
 RT ∞ REACTORS
 TEMPERATURE

THERMAL RESISTANCE

UF HEAT RESISTANCE
 GS MECHANICAL PROPERTIES
THERMAL RESISTANCE
 RT CARBON-CARBON COMPOSITES
 ∞ HIGH RESISTANCE
 HIGH TEMPERATURE LUBRICANTS
 HIGH TEMPERATURE TESTS
 ∞ LOW RESISTANCE
 OXIDATION
 OXIDATION RESISTANCE
 ∞ RESISTANCE
 SPECIFIC HEAT
 TEMPERATURE
 TEMPERATURE EFFECTS
 THERMODYNAMIC PROPERTIES

THERMAL RESOURCES

GS HEAT SOURCES
THERMAL RESOURCES
 GEOTHERMAL RESOURCES
 GEYSERS
 RESOURCES
 EARTH RESOURCES
THERMAL RESOURCES
 GEOTHERMAL RESOURCES
 GEYSERS
 RT AGROMETEOROLOGY
 ATMOSPHERIC TEMPERATURE
 CROP GROWTH
 CROP VIGOR
 GEOTHERMAL TECHNOLOGY
 RESOURCES MANAGEMENT
 TEMPERATURE
 TEMPERATURE DISTRIBUTION

THERMAL SHIELDING

USE HEAT SHIELDING

THERMAL SHOCK

RT COOLING
 HEATING
 HIGH TEMPERATURE TESTS
 ∞ SHOCK
 SHOCK RESISTANCE
 TEMPERATURE
 TEMPERATURE DISTRIBUTION
 THERMODYNAMIC PROPERTIES

THERMAL SIMULATION

GS SIMULATION
 ENVIRONMENT SIMULATION
THERMAL SIMULATION
 RT ALTITUDE SIMULATION
 SOLAR SIMULATION
 SPACE ENVIRONMENT SIMULATION
 TEMPERATURE

THERMAL STABILITY

UF THERMOSTABILITY
 GS STABILITY
THERMAL STABILITY
 THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
THERMAL STABILITY
 RT DIMENSIONAL STABILITY
 HIGH TEMPERATURE TESTS
 LOW TEMPERATURE TESTS
 STORAGE STABILITY
 SURFACE STABILITY
 TEMPERATURE

THERMAL STRESSES

SN (EXCLUDES BIOLOGICAL STRESSES)
 GS STRESSES
THERMAL STRESSES
 RT COOLING
 FATIGUE (MATERIALS)
 HEATING
 TEMPERATURE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE EFFECTS

THERMAL VACUUM TESTS

GS VACUUM TESTS
THERMAL VACUUM TESTS
 RT ENVIRONMENTAL TESTS
 HIGH ALTITUDE ENVIRONMENTS
 TEMPERATURE
 TEST CHAMBERS
 ∞ TESTS
 VACUUM CHAMBERS

THERMALIZATION (ENERGY ABSORPTION)

GS ENERGY ABSORPTION
 MODERATION (ENERGY ABSORPTION)
**THERMALIZATION (ENERGY
 ABSORPTION)**
 NEUTRON THERMALIZATION
 RT THERMAL NEUTRONS

THERMIONICS

GS ELECTRON TUBES
 CAMERA TUBES
 VIDICONS
 RETURN BEAM VIDICONS
THERMIONICS
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
 MICROWAVE TUBES
 PLANOTRONS
THERMIONICS

NASA THESAURUS (VOLUME 1)

THERMIONICS-(CONT)

MICROWAVE EQUIPMENT
 MICROWAVE TUBES
 IMAGE TUBES
THERMIONICS
 PLANOTRONS
THERMIONICS
 VIDICONS
THERMIONICS
 OPTICAL EQUIPMENT
 IMAGE CONVERTERS
 IMAGE TUBES
THERMIONICS

THERMIONIC CATHODES

GS ELECTRODES
 CATHODES
 TUBE CATHODES
THERMIONIC CATHODES
 EMITTERS
THERMIONIC CATHODES
 RT HOT CATHODES

THERMIONIC CONVERSION SYSTEMS

USE THERMIONIC POWER GENERATION

THERMIONIC CONVERTERS

GS ELECTRIC GENERATORS
 DIRECT POWER GENERATORS
THERMIONIC CONVERTERS
 SNAP 13
 SOLAR BLANKETS
 RT CESIUM DIODES
 CESIUM PLASMA
 ∞ CONVERTERS
 FUEL CELLS
 ION PRODUCTION RATES
 MAGNETOHYDRODYNAMIC GENERATORS
 PLASMA POWER SOURCES
 RADIOISOTOPE BATTERIES
 SNAP
 SOLAR CELLS
 THERMOELECTRIC GENERATORS

THERMIONIC DIODES

GS ELECTRON TUBES
 VACUUM TUBES
 VACUUM TUBE OSCILLATORS
 MICROWAVE TUBES
 PLANOTRONS
THERMIONIC DIODES
 MICROWAVE EQUIPMENT
 MICROWAVE TUBES
 PLANOTRONS
THERMIONIC DIODES
 RT CHILD-LANGMUIR LAW
 PERVEANCE

THERMIONIC EMISSION

UF RICHARDSON-DUSHMAN EQUATION
 GS DECAY
 EMISSION
 PARTICLE EMISSION
THERMIONIC EMISSION
 THERMAL EMISSION
THERMIONIC EMISSION
 RT ELECTRON EMISSION
 ION EMISSION
 THERMOELECTRICITY
 WORK FUNCTIONS

THERMIONIC EMITTERS

GS EMITTERS
THERMIONIC EMITTERS

THERMIONIC POWER GENERATION

UF THERMIONIC CONVERSION SYSTEMS
 RT ∞ CONVERSION
 SNAP
 SNAP 13

THERMIONIC REACTORS

USE ION ENGINES
 NUCLEAR ROCKET ENGINES

THERMIONICS

RT CATHODES
 ELECTRON EMISSION
 ∞ ELECTRONICS
 ION EMISSION

THERMISTORS

GS ATTENUATORS
 RESISTORS

THERMISTORS-(CONT)

THERMISTORS
ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
THERMISTORS
TEMPERATURE SENSORS
THERMISTORS
RT RADIOMETERS
TEMPERATURE MEASURING
INSTRUMENTS
VARISTORS

THERMITES

RT ALUMINUM OXIDES
AUGER SPECTROSCOPY
BARIUM ION CLOUDS
COPPER OXIDES
IGNITION TEMPERATURE
PYROTECHNICS

THERMOBALANCES

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
WEIGHT INDICATORS
THERMOBALANCES
RT THERMOGRAVIMETRY

THERMOCHEMICAL PROPERTIES

GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT OF FORMATION
HEAT OF FUSION
HEAT OF VAPORIZATION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT OF FORMATION
HEAT OF FUSION
HEAT OF VAPORIZATION
RT HEAT BALANCE
∞ PROPERTIES

THERMOCHEMISTRY

GS **THERMOCHEMISTRY**
AEROTHERMOCHEMISTRY
RT CHEMICAL ENGINEERING
CHEMICAL REACTIONS
∞ CHEMISTRY
COMBUSTION PHYSICS
ENTHALPY
ENTROPY
HEAT
HEAT BALANCE
HEAT OF DISSOCIATION
HEAT OF FUSION
HEAT OF SOLUTION
HEAT TREATMENT
PHYSICAL CHEMISTRY
PROPELLANT CHEMISTRY
PYROMETALLURGY
THERMAL DECOMPOSITION
THERMAL DIFFUSION
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
THERMOGRAVIMETRY
THERMOPHYSICAL PROPERTIES

THERMOCHROMATIC MATERIALS

RT COLOR
COLORIMETRY
∞ INORGANIC MATERIALS
∞ MATERIALS
OPTICAL PROPERTIES
ORGANIC MATERIALS
SOLIDS

THERMOCLINES

GS GRADIENTS
TEMPERATURE GRADIENTS
THERMOCLINES
RT OCEANOGRAPHY
SEA WATER
SOUND TRANSMISSION
STRATIFICATION
SURFACE LAYERS
SURFACE TEMPERATURE
UNDERWATER ACOUSTICS

THERMOCOUPLE PYROMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
PYROMETERS

THERMOCOUPLE PYROMETERS-(CONT)

THERMOCOUPLE PYROMETERS
RT GALVANOMETERS
POTENTIOMETERS (INSTRUMENTS)
RADIATION PYROMETERS
RESISTANCE THERMOMETERS
TEMPERATURE MEASUREMENT
THERMOCOUPLES
THERMOELEMENT AMMETERS

THERMOCOUPLES

GS **THERMOCOUPLES**
THERMOPILES
RT CONSTANTAN
INDICATING INSTRUMENTS
MANGANIN (TRADEMARK)
Peltier Effects
POTENTIOMETERS (INSTRUMENTS)
Seebeck Effect
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING
INSTRUMENTS
TEMPERATURE PROBES
THERMOCOUPLE PYROMETERS
THERMOELECTRIC GENERATORS
THERMOELECTRICITY

THERMODYNAMIC COUPLING

GS COUPLING
THERMODYNAMIC COUPLING
RT BCS THEORY
ELECTRON PHONON INTERACTIONS
SUPERCONDUCTORS

THERMODYNAMIC CYCLES

GS CYCLES
THERMODYNAMIC CYCLES
BRAYTON CYCLE
CARNOT CYCLE
OTTO CYCLE
RANKINE CYCLE
STIRLING CYCLE
RT ADIABATIC CONDITIONS
CLOSED CYCLES
INTERNAL COMBUSTION ENGINES
LASER PROPULSION
∞ STROKES
THERMODYNAMICS
THERMODYNAMIC EFFICIENCY
UF THERMAL EFFICIENCY
GS EFFICIENCY
THERMODYNAMIC EFFICIENCY
RT COMBUSTION EFFICIENCY
COMPRESSOR EFFICIENCY
ENGINES
HEAT SOURCES
INTERNAL COMBUSTION ENGINES
NOZZLE EFFICIENCY
POWER EFFICIENCY
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
SPECIFIC IMPULSE
TEMPERATURE
THERMODYNAMICS

THERMODYNAMIC EQUILIBRIUM

RT ACID BASE EQUILIBRIUM
ADIABATIC CONDITIONS
CHEMICAL EQUILIBRIUM
∞ EQUILIBRIUM
HEAT OF DISSOCIATION
ISENTROPIC PROCESSES
ISOCORIC PROCESSES
ISOENERGETIC PROCESSES
ISOTHERMAL PROCESSES
LIQUID-VAPOR EQUILIBRIUM
STATISTICAL MECHANICS

THERMODYNAMIC PROPERTIES

UF THERMAL PROPERTIES
GS **THERMODYNAMIC PROPERTIES**
ENTHALPY
ENTROPY
FREE ENERGY
GIBBS FREE ENERGY
SURFACE ENERGY
THERMAL EXPANSION
THERMAL BUCKLING
THERMAL INSTABILITY
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT OF FORMATION
HEAT OF FUSION
HEAT OF VAPORIZATION

THERMODYNAMIC PROPERTIES-(CONT)

THERMOPHYSICAL PROPERTIES
CRITICAL POINT
CRITICAL PRESSURE
CRITICAL TEMPERATURE
EMISSION
FUSIBILITY
HEAT OF FUSION
MELTING POINTS
PYROELECTRICITY
SPECIFIC HEAT
HEAT OF SOLUTION
SUPERCRITICAL PRESSURES
THERMAL CONDUCTIVITY
THERMAL DIFFUSION
THERMAL DIFFUSIVITY
THERMAL STABILITY
VAPOR PRESSURE
VOLATILITY
RT CHEMICAL PROPERTIES
DIFFUSIVITY
EMITTANCE
∞ EQUILIBRIUM
HEAT
HEAT BALANCE
HIGH TEMPERATURE TESTS
JOULE-THOMSON EFFECT
OPTICAL PROPERTIES
∞ PHYSICAL PROPERTIES
PRANDTL NUMBER
PROPELLANT PROPERTIES
∞ PROPERTIES
Seebeck Effect
SOLUBILITY
TEMPERATURE
TEPHIGRAMS
THERMAL CYCLING TESTS
THERMAL RADIATION
THERMAL RESISTANCE
THERMAL SHOCK
THERMOCHEMISTRY
THERMODYNAMICS
THERMOLUMINESCENCE
ZERO POINT ENERGY

THERMODYNAMICS

UF HEAT EQUATIONS
THERMOMECHANICS
THERMOPHYSICS
GS **THERMODYNAMICS**
AEROTHERMODYNAMICS
COMBUSTION PHYSICS
NONEQUILIBRIUM THERMODYNAMICS
RT AERODYNAMICS
∞ DYNAMICS
ENGINES
ENTHALPY
ENTROPY
∞ EQUATIONS
EQUATIONS OF STATE
∞ EQUILIBRIUM
ERGODIC PROCESS
FLUID MECHANICS
FREE ENERGY
GAS DYNAMICS
HEAT
HEAT OF FUSION
HEAT OF SOLUTION
HEAT TRANSFER
INTERNAL ENERGY
IRREVERSIBLE PROCESSES
ISOTHERMS
JOULE-THOMSON EFFECT
KIRCHHOFF LAW OF RADIATION
MECHANICAL ENGINEERING
MOLECULAR RELAXATION
MOLLIER DIAGRAM
NONADIABATIC CONDITIONS
NONGRAY GAS
NONISOTHERMAL PROCESSES
ONSAGER RELATIONSHIP
∞ PATHS
PFAFF EQUATION
PHOTOTHERMAL CONVERSION
PHYSICAL CHEMISTRY
PLASMA PHYSICS
PLASMAS (PHYSICS)
POLYTROPIC PROCESSES
RANKINE CYCLE
RAYLEIGH EQUATIONS
STEAM
THERMOCHEMISTRY
THERMODYNAMIC CYCLES
THERMODYNAMIC EFFICIENCY
THERMODYNAMIC PROPERTIES
THERMOELECTRIC COOLING

THERMOELASTICITY

THERMODYNAMICS-(CONT)

UNSTEADY STATE

THERMOELASTICITY

- GS MECHANICAL PROPERTIES
- ELASTIC PROPERTIES
- THERMOELASTICITY**
- AEROTHERMOELASTICITY
- RT AEROELASTICITY
- AEROTHERMODYNAMICS
- HYDROELASTICITY
- THERMOELECTRIC GENERATORS
- THERMOELECTRIC MATERIALS

THERMOELECTRIC CONVERSION SYSTEMS

USE THERMOELECTRIC POWER GENERATION

THERMOELECTRIC COOLING

- UF ETTINGSHAUSEN COOLERS
- GS COOLING
- THERMOELECTRIC COOLING**
- RT CRYOGENICS
- ETTINGSHAUSEN EFFECT
- HEAT PUMPS
- PELTIER EFFECTS
- REFRIGERATING
- REFRIGERATING MACHINERY
- THERMODYNAMICS
- THERMOELECTRICITY
- THERMOMAGNETIC COOLING

THERMOELECTRIC GENERATORS

- GS ELECTRIC GENERATORS
- DIRECT POWER GENERATORS
- THERMOELECTRIC GENERATORS**
- SNAP 3
- SNAP 7
- SNAP 9A
- SNAP 10A
- SNAP 11
- SNAP 15
- SNAP 17
- SNAP 19
- SNAP 21
- SNAP 23
- SNAP 27
- SNAP 29
- SOLAR SEA POWER PLANTS
- RT ASTEC SOLAR TURBOELECTRIC GENERATOR
- FUEL CELLS
- ∞ GENERATORS
- MAGNETOHYDRODYNAMIC GENERATORS
- NUCLEAR AUXILIARY POWER UNITS
- PHOTOELECTRIC GENERATORS
- RADIOISOTOPE BATTERIES
- SNAP
- SOLAR CELLS
- SOLAR GENERATORS
- THERMIONIC CONVERTERS
- THERMOCOUPLES
- THERMOELASTICITY
- THERMOELECTRICITY

THERMOELECTRIC MATERIALS

- RT ∞ MATERIALS
- SEMICONDUCTORS (MATERIALS)
- THERMOELASTICITY
- THERMOELECTRICITY

THERMOELECTRIC OUTER PLANET SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOELECTRIC POWER GENERATION

- UF THERMOELECTRIC CONVERSION SYSTEMS
- RT ∞ CONVERSION
- NUCLEAR AUXILIARY POWER UNITS
- SNAP
- THERMOELECTRICITY

THERMOELECTRIC SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOELECTRICITY

- UF THOMSON EFFECT
- RT ETTINGSHAUSEN EFFECT
- PELTIER EFFECTS
- SEEBECK EFFECT
- THERMIONIC EMISSION
- THERMOCOUPLES
- THERMOELECTRIC COOLING
- THERMOELECTRIC GENERATORS
- THERMOELECTRIC MATERIALS

THERMOELECTRICITY-(CONT)

THERMOELECTRIC POWER GENERATION
THERMOPILES
TRANSPORT PROPERTIES

THERMOELEMENT AMMETERS

- GS MEASURING INSTRUMENTS AMMETERS
- THERMOELEMENT AMMETERS**
- RT THERMOCOUPLE PYROMETERS

THERMOGRAMS

USE RECORDING INSTRUMENTS
TEMPERATURE MEASURING INSTRUMENTS

THERMOGRAPHY

- RT INFRARED IMAGERY
- NONDESTRUCTIVE TESTS
- TEMPERATURE DISTRIBUTION
- TEMPERATURE MEASUREMENT
- THERMAL MAPPING

THERMOGRAVIMETRY

- UF THERMAL GRAVIMETRY
- RT CHEMICAL ANALYSIS
- DEHYDRATION
- PYROLYSIS
- TEMPERATURE EFFECTS
- THERMAL DECOMPOSITION
- THERMOBALANCES
- THERMOCHEMISTRY

THERMOHYDRAULICS

- RT CONVECTIVE HEAT TRANSFER
- FLUID DYNAMICS
- FLUID FLOW
- HEAT TRANSMISSION
- ∞ HYDRAULICS
- HYDRODYNAMICS
- LAMINAR HEAT TRANSFER
- RADIATIVE HEAT TRANSFER
- THERMAL CONDUCTIVITY
- THERMAL DIFFUSION
- TURBULENT HEAT TRANSFER

THERMOLUMINESCENCE

- GS DECAY
- EMISSION
- LIGHT EMISSION
- LUMINESCENCE
- THERMOLUMINESCENCE**
- RT TEMPERATURE EFFECTS
- THERMODYNAMIC PROPERTIES

THERMOMAGNADYNAMICS

USE THERMOMAGNETIC EFFECTS

THERMOMAGNETIC COOLING

- UF NERNST GENERATORS
- GS COOLING
- THERMOMAGNETIC COOLING**
- RT CRYOGENICS
- ETTINGSHAUSEN EFFECT
- THERMOELECTRIC COOLING

THERMOMAGNETIC EFFECTS

- UF THERMOMAGNADYNAMICS
- THERMOMAGNETISM
- GS MAGNETIC PROPERTIES
- THERMOMAGNETIC EFFECTS**
- RT ∞ EFFECTS
- ETTINGSHAUSEN EFFECT
- NERNST-ETTINGSHAUSEN EFFECT

THERMOMAGNETISM

USE THERMOMAGNETIC EFFECTS

THERMOMECHANICAL TREATMENT

- RT HEAT TREATMENT
- ∞ METALLURGY
- MICROSTRUCTURE
- PLASTIC DEFORMATION
- QUENCHING (COOLING)
- ∞ TREATMENT

THERMOMECHANICS

USE THERMODYNAMICS

THERMOMETERS

- GS MEASURING INSTRUMENTS
- TEMPERATURE MEASURING INSTRUMENTS
- THERMOMETERS**

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THERMOMETERS-(CONT)

- RESISTANCE THERMOMETERS
- RT TEMPERATURE CONTROL
- TEMPERATURE MEASUREMENT
- TEMPERATURE SCALES

THERMOMETRY

USE TEMPERATURE MEASUREMENT

THERMOMIGRATION

- RT ELECTROMIGRATION
- HEAT TRANSFER
- TEMPERATURE GRADIENTS

THERMONUCLEAR ENERGY

USE THERMONUCLEAR POWER GENERATION

THERMONUCLEAR EXPLOSIONS

- GS EXPLOSIONS
- NUCLEAR EXPLOSIONS
- THERMONUCLEAR EXPLOSIONS**
- RT AERIAL EXPLOSIONS
- ARGUS PROJECT
- FISSION WEAPONS
- NUCLEAR DEVICES
- NUCLEAR VULNERABILITY
- UNDERGROUND EXPLOSIONS
- UNDERWATER EXPLOSIONS

THERMONUCLEAR POWER GENERATION

- UF THERMONUCLEAR ENERGY
- GS NUCLEAR ELECTRIC POWER GENERATION
- THERMONUCLEAR POWER GENERATION**
- RT ASTRON THERMONUCLEAR REACTOR
- CONTROLLED FUSION
- ELECTRIC GENERATORS
- ∞ ENERGY
- PINCH EFFECT
- PLASMA GENERATORS
- STELLARATORS
- ZETA THERMONUCLEAR REACTOR

THERMONUCLEAR PROPULSION

USE NUCLEAR PROPULSION

THERMONUCLEAR REACTIONS

- GS NUCLEAR REACTIONS
- THERMONUCLEAR REACTIONS**
- NUCLEAR FUSION
- CONTROLLED FUSION
- RT ASTRON THERMONUCLEAR REACTOR
- HIGH ENERGY INTERACTIONS
- MAGNETOHYDRODYNAMICS
- PINCH EFFECT
- PLASMAS (PHYSICS)
- PROTON-PROTON REACTIONS
- RADIOACTIVE DECAY
- SCYLLA
- STELLARATORS
- ZETA THERMONUCLEAR REACTOR

THERMOPHILES

- RT ALGAE
- FUNGI
- MESOPHILES
- PSYCHROPHILES

THERMOPHILIC PLANTS

- GS PLANTS (BOTANY)
- THERMOPHILIC PLANTS**
- RT ALGAE

THERMOPHYSICAL PROPERTIES

- GS THERMODYNAMIC PROPERTIES
- THERMOPHYSICAL PROPERTIES**
- CRITICAL POINT
- CRITICAL PRESSURE
- CRITICAL TEMPERATURE
- EMISSIVITY
- FUSIBILITY
- HEAT OF FUSION
- MELTING POINTS
- PYROELECTRICITY
- SPECIFIC HEAT
- HEAT OF SOLUTION
- SUPERCRITICAL PRESSURES
- THERMAL CONDUCTIVITY
- THERMAL DIFFUSION
- THERMAL DIFFUSIVITY
- THERMAL STABILITY
- VAPOR PRESSURE
- VOLATILITY

THERMOPHYSICAL PROPERTIES-(CONT)

RT PELTIER EFFECTS
 ∞ PROPERTIES
 SEEBECK EFFECT
 SURFACE ENERGY
 THERMAL EXPANSION
 THERMOCHEMISTRY

THERMOPHYSICS

USE THERMODYNAMICS

THERMOPILES

GS THERMOCOUPLES
 THERMOPILES
 TRANSDUCERS
 THERMOPILES
 RT DICKE RADIOMETERS
 INDICATING INSTRUMENTS
 TEMPERATURE MEASURING
 INSTRUMENTS
 THERMOELECTRICITY

THERMOPLASTIC FILMS

GS PLASTICS
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS
 THERMOPLASTIC FILMS
 RESINS
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS
 THERMOPLASTIC FILMS
 RT ∞ FILMS

THERMOPLASTIC RESINS

GS PLASTICS
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS
 QUINOXALINES
 THERMOPLASTIC FILMS
 RESINS
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS
 QUINOXALINES
 THERMOPLASTIC FILMS
 RT ACRYLIC RESINS
 GLASS FIBER REINFORCED PLASTICS
 POLYETHYLENES
 POLYSTYRENE
 THERMOPLASTICITY
 THERMOSETTING RESINS
 VULCANIZED ELASTOMERS

THERMOPLASTICITY

GS MECHANICAL PROPERTIES
 PLASTIC PROPERTIES
 THERMOPLASTICITY
 RT BOUGUER LAW
 TEMPERATURE EFFECTS
 THERMOPLASTIC RESINS

THERMORECEPTORS

GS ANATOMY
 SENSE ORGANS
 THERMORECEPTORS
 RECEPTORS (PHYSIOLOGY)
 THERMORECEPTORS
 RT BODY TEMPERATURE
 SENSITOMETRY
 SKIN (ANATOMY)
 THERMOREGULATION

THERMOREGULATION

UF BODY TEMPERATURE REGULATION
 RT BODY TEMPERATURE
 COLD TOLERANCE
 HIBERNATION
 HOMEOSTASIS
 HYPERTHERMIA
 HYPOTHERMIA
 METABOLISM
 TEMPERATURE CONTROL
 THERMORECEPTORS

THERMOSETTING RESINS

GS PLASTICS
 SYNTHETIC RESINS
 THERMOSETTING RESINS
 EPOXY RESINS
 FURAN RESINS
 POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 PHENOLIC RESINS
 MICARTA
 RESINS
 SYNTHETIC RESINS

THERMOSETTING RESINS-(CONT)

THERMOSETTING RESINS
 EPOXY RESINS
 FURAN RESINS
 POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 PHENOLIC RESINS
 MICARTA
 PHENOLIC EPOXY RESINS
 RT BAKELITE (TRADEMARK)
 COMPOSITE MATERIALS
 FORMICA
 GLASS FIBER REINFORCED PLASTICS
 LAMINATES
 POLYESTER RESINS
 REINFORCED PLASTICS
 SILICONE RESINS
 THERMOPLASTIC RESINS

THERMOSIPHONS

GS REGENERATORS
 THERMOSIPHONS
 RT CONVECTIVE HEAT TRANSFER
 FREE CONVECTION
 ∞ RADIATORS
 SIPHONING

THERMOSPHERE

GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 THERMOSPHERE
 TURBOPAUSE
 RT CHEMOSPHERE
 EXOSPHERE
 HETEROSPHERE
 HOMOSPHERE
 IONOSPHERE
 MAGNETOSPHERE

THERMOSTABILITY

USE THERMAL STABILITY

THERMOSTATS

GS CONTROL EQUIPMENT
 THERMOSTATS
 REGULATORS
 THERMOSTATS
 SWITCHES
 ELECTRIC SWITCHES
 THERMOSTATS
 RT AUTOMATIC CONTROL
 CONTROLLERS
 CRYOSTATS
 TEMPERATURE CONTROL
 TEMPERATURE MEASURING
 INSTRUMENTS

THERMOTROPISM

USE ANISOTROPY
 TEMPERATURE EFFECTS

THERMOVISCOELASTICITY

GS MECHANICAL PROPERTIES
 ELASTIC PROPERTIES
 VISCOELASTICITY
 THERMOVISCOELASTICITY
 RT IRREVERSIBLE PROCESSES
 STRESS-STRAIN-TIME RELATIONS

THESAURI

RT INDEXES (DOCUMENTATION)
 INFORMATION RETRIEVAL
 KWIC INDEXES
 NOMENCLATURES
 SPACE GLOSSARIES
 TERMINOLOGY
 TERMS
 WORDS (LANGUAGE)

THESES

GS DOCUMENTS
 THESES
 RT HYPOTHESES

THETA PINCH

GS PINCH EFFECT
 PLASMA PINCH
 THETA PINCH
 RT LASER PLASMA INTERACTIONS
 PLASMA COMPRESSION
 ROTATING PLASMAS
 SCREW PINCH
 ZETA PINCH

THIAMINE

UF VITAMIN B
 GS HETEROCYCLIC COMPOUNDS
 THIAMINE
 VITAMINS
 THIAMINE

THIAZINE (TRADEMARK)

GS DYES
 THIAZINE (TRADEMARK)
 HETEROCYCLIC COMPOUNDS
 THIAZINE (TRADEMARK)
 NITROGEN COMPOUNDS
 THIAZINE (TRADEMARK)
 SULFUR COMPOUNDS
 THIAZINE (TRADEMARK)

THICK FILMS

RT ELECTRONIC PACKAGING
 ∞ FILMS
 INTEGRATED CIRCUITS
 MICROMINIATURIZATION
 PRINTED CIRCUITS
 SEMICONDUCTING FILMS
 THIN FILMS

THICK PLATES

RT FLAT PLATES
 METAL PLATES
 ∞ PLATES
 PLATES (STRUCTURAL MEMBERS)
 ∞ SHEETS
 THICKNESS
 THIN PLATES

THICK WALLS

GS WALLS
 THICK WALLS
 RT BOILER PLATE
 BULKHEADS
 REINFORCEMENT (STRUCTURES)
 STRUCTURAL MEMBERS
 THIN WALLS
 WALL PRESSURE
 WALL TEMPERATURE

∞ THICKENERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT THICKENERS (EQUIPMENT)
 THICKENERS (MATERIALS)

THICKENERS (EQUIPMENT)

GS SEPARATORS
 CLASSIFIERS
 THICKENERS (EQUIPMENT)
 RT COALESCING
 PRECIPITATORS
 ∞ THICKENERS

THICKENERS (MATERIALS)

RT ADDITIVES
 GELS
 GREASES
 ∞ MATERIALS
 ∞ THICKENERS

THICKNESS

RT AIRFOIL PROFILES
 DEPTH
 DIAMETERS
 DIMENSIONS
 FILM THICKNESS
 LENGTH
 OPTICAL THICKNESS
 SPACING
 TARGET THICKNESS
 THICK PLATES
 THICKNESS RATIO
 VOLUME

THICKNESS RATIO

GS RATIOS
 THICKNESS RATIO
 RT AIRFOIL PROFILES
 AIRFOILS
 FINENESS RATIO
 THICKNESS
 THIN AIRFOILS
 THIN WINGS

THIGH

GS ANATOMY

THIN AIRFOILS

THIGH-(CONT)

THIGH
RT LEG (ANATOMY)

THIN AIRFOILS

GS AIRFOILS
THIN AIRFOILS
THIN WINGS
INFINITE SPAN WINGS
RT AIRFOIL PROFILES
THICKNESS RATIO

THIN BODIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT SLENDER BODIES
THIN PLATES
THIN WALLS
THIN WINGS

THIN FILMS

SN (SOLID STATE PHYSICS AND
ELECTRONICS)
GS THIN FILMS
ENERGY ABSORPTION FILMS
FERROMAGNETIC FILMS
MONOMOLECULAR FILMS
RT COATINGS
COMPUTER STORAGE DEVICES
ELECTROCHROMISM
ELECTRODE FILM BARRIERS
FILMS
HETEROJUNCTIONS
INTEGRATED CIRCUITS
INTEGRATED OPTICS
ION PLATING
METAL FILMS
MICROCHANNEL PLATES
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
OXIDE FILMS
PARAMETREONS
PELLICLE
PHOTOTHERMAL CONVERSION
PLATING
PRAETERSONIC DEVICES
RECTIFIERS
SEMICONDUCTING FILMS
SILICON FILMS
SOLID STATE DEVICES
SOLID STATE PHYSICS
SPUTTERING GAGES
SQUEEZE FILMS
THICK FILMS
WAFERS

THIN LAYER CHROMATOGRAPHY

GS CHROMATOGRAPHY
THIN LAYER CHROMATOGRAPHY
RT GAS CHROMATOGRAPHY
MONOMOLECULAR FILMS

THIN PLATES

SN (EXCLUDES THIN SURFACE COATINGS
AND FILMS)
RT DIAPHRAGMS (MECHANICS)
FLAT PLATES
FOILS (MATERIALS)
METAL PLATES
PANELS
PARALLEL PLATES
PLATES
PLATES (STRUCTURAL MEMBERS)
SHEETS
THICK PLATES
THIN BODIES

THIN WALLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
THIN WALLED SHELLS
RT CYLINDRICAL SHELLS
MEMBRANE STRUCTURES
METAL SHELLS
ORTHOTROPIC SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
SPHERICAL SHELLS
STRESSED-SKIN STRUCTURES
TOROIDAL SHELLS

THIN WALLS

GS WALLS
THIN WALLS

THIN WALLS-(CONT)

RT BULKHEADS
DIAPHRAGMS (MECHANICS)
PARTITIONS (STRUCTURES)
SKIN (STRUCTURAL MEMBER)
THICK WALLS
THIN BODIES

THIN WINGS

GS AIRFOILS
THIN AIRFOILS
THIN WINGS
INFINITE SPAN WINGS
WINGS
THIN WINGS
INFINITE SPAN WINGS
RT AIRFOIL PROFILES
FIXED WINGS
FLEXIBLE WINGS
THICKNESS RATIO
THIN BODIES
UNCAMBERED WINGS

THINNERS

USE SOLVENTS

THIOLS

UF DITHIOLS
MERCAPTAN
MERCAPTO COMPOUNDS
GS ALIPHATIC COMPOUNDS
THIOLS
CYSTEINE
DIMERCAPROL
SULFUR COMPOUNDS
THIOLS
CYSTEINE
DIMERCAPROL
RT ALCOHOLS
CHEMICAL COMPOUNDS
PHENOLS

THIOPLASTICS

GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
THIOPLASTICS
RT PLASTICS
SULFIDES

THIOUREAS

GS NITROGEN COMPOUNDS
AMIDES
UREAS
THIOUREAS

THIURONIUM

GS AMINES
THIURONIUM
NITROGEN COMPOUNDS
AMIDES
UREAS
THIURONIUM

THIXOTROPIC PROPELLANTS

USE GELLED ROCKET PROPELLANTS

THIXOTROPY

RT GELATION
GELS
LIQUEFACTION
NONNEWTONIAN FLOW
PHYSICAL PROPERTIES
SEMISOLIDS
SOLUBILITY
VISCOSITY

THOMAS-FERMI MODEL

UF THOMAS-FERMI THEORY
GS MODELS
MATHEMATICAL MODELS
THOMAS-FERMI MODEL
RT ATOMIC STRUCTURE
ELECTRON DISTRIBUTION
PLASMA COMPOSITION
QUANTUM STATISTICS

THOMAS-FERMI THEORY

USE THOMAS-FERMI MODEL

THOMSON EFFECT

USE THERMOELECTRICITY

NASA THESAURUS (VOLUME 1)

THOMSON SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
THOMSON SCATTERING
RT ELECTROMAGNETIC RADIATION

THOR ABLE ROCKET VEHICLE

GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
RT EXPLORER 6 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
PIONEER 1 SPACE PROBE
PIONEER 5 SPACE PROBE
SOLID PROPELLANT ROCKET ENGINES
TIROS 1 SATELLITE

THOR AGENA LAUNCH VEHICLE

GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
RT AGENA A ROCKET VEHICLE
AGENA B RANGER PROGRAM
AGENA ROCKET VEHICLES
DISCOVERER SATELLITES
EXPLORER 31 SATELLITE
EXPLORER 34 SATELLITE
EXPLORER 35 SATELLITE
EXPLORER 36 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
NIMBUS SATELLITES
NIMBUS 1 SATELLITE
NIMBUS 2 SATELLITE
OGO-3

THOR DELTA LAUNCH VEHICLE

UF ECHO 1 CARRIER ROCKET
GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
RT ARIEL SATELLITES
ECHO 1 SATELLITE
EXPLORER SATELLITES
LIQUID PROPELLANT ROCKET ENGINES
OSO
RELAY SATELLITES
SOLID PROPELLANT ROCKET ENGINES
SYNCOM SATELLITES
TELSTAR SATELLITES

THOR LAUNCH VEHICLES

GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
THORAD LAUNCH VEHICLES
VEHICLES

THORAD LAUNCH VEHICLES

GS LAUNCH VEHICLES
THORAD LAUNCH VEHICLES

THORAD LAUNCH VEHICLES-(CONT)

THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES

THORAD LAUNCH VEHICLES

THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE

RT LIQUID PROPELLANT ROCKET ENGINES
THOR LAUNCH VEHICLES
∞ VEHICLES

THORAX

RT CHEST
DIAPHRAGM (ANATOMY)
STERNUM

THORIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
THORIUM

THORIUM ISOTOPES

METALS

ACTINIDE SERIES

THORIUM

THORIUM ISOTOPES

RT NUCLEAR FUELS

THORIUM ALLOYS

GS ALLOYS
THORIUM ALLOYS
RT NUCLEAR FUELS

THORIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
THORIUM COMPOUNDS
THORIUM FLUORIDES
THORIUM OXIDES
RT CERAMIC NUCLEAR FUELS
∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS
NUCLEAR FUELS

THORIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
THORIUM COMPOUNDS
THORIUM FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
THORIUM FLUORIDES
HALIDES
METAL HALIDES
THORIUM FLUORIDES

THORIUM ISOTOPES

UF THORIUM 228
THORIUM 230
THORIUM 234
GS CHEMICAL ELEMENTS
ACTINIDE SERIES
THORIUM
THORIUM ISOTOPES
NUCLIDES
ISOTOPES
THORIUM ISOTOPES
METALS
ACTINIDE SERIES
THORIUM
THORIUM ISOTOPES

THORIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
THORIUM COMPOUNDS
THORIUM OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
THORIUM OXIDES
RT DIOXIDES

THORIUM 228

USE THORIUM ISOTOPES

THORIUM 230

USE THORIUM ISOTOPES

THORIUM 234

USE THORIUM ISOTOPES

THORON

USE RADON ISOTOPES

THREADS

SN (EXCLUDES TEXTILES AND
FILAMENTARY FORMS)
RT BOLTS
NUTS (FASTENERS)
SCREWS

THREAT EVALUATION

RT AIRCRAFT HAZARDS
AIRCRAFT SAFETY
COLLISION AVOIDANCE
MIDAIR COLLISIONS
RADAR TRACKING
WARNING SYSTEMS

THREE AXIS STABILIZATION

GS STABILIZATION
THREE AXIS STABILIZATION
RT INERTIAL PLATFORMS
SATELLITE ATTITUDE CONTROL
SATELLITE ORIENTATION
STABILIZED PLATFORMS

THREE BODY PROBLEM

RT CELESTIAL MECHANICS
FOUR BODY PROBLEM
MANY BODY PROBLEM
ORBITS
PERTURBATION
∞ PROBLEMS
TROIJAN ORBITS
TWO BODY PROBLEM

THREE DIMENSIONAL BODIES

GS SOLIDS
THREE DIMENSIONAL BODIES
RT AERODYNAMIC CONFIGURATIONS
∞ BODIES
BOUNDARY VALUE PROBLEMS
FLOW DISTRIBUTION

THREE DIMENSIONAL BOUNDARY LAYER

GS BOUNDARY LAYERS
THREE DIMENSIONAL BOUNDARY LAYER
RT AXISYMMETRIC FLOW
BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
∞ LAYERS
SECONDARY FLOW
TURBULENT BOUNDARY LAYER
VELOCITY DISTRIBUTION

THREE DIMENSIONAL COMPOSITES

GS COMPOSITE MATERIALS
THREE DIMENSIONAL COMPOSITES
RT FIBER COMPOSITES
∞ MATERIALS

THREE DIMENSIONAL FLOW

GS FLUID FLOW
PARALLEL FLOW
THREE DIMENSIONAL FLOW
TRANSLATIONAL MOTION
THREE DIMENSIONAL MOTION
THREE DIMENSIONAL FLOW
SECONDARY FLOW

RT AXIAL FLOW
CONICAL FLOW
FLOW GEOMETRY
HELICAL FLOW
ONE DIMENSIONAL FLOW
ROSHKO PREDICTION
SPHERICAL WAVES
TWO DIMENSIONAL FLOW
WEDGE FLOW

THREE DIMENSIONAL MOTION

GS TRANSLATIONAL MOTION
THREE DIMENSIONAL MOTION
THREE DIMENSIONAL MOTION
SECONDARY FLOW
RT DEGREES OF FREEDOM

THRESHOLD CURRENTS

GS ELECTRIC CURRENT
THRESHOLD CURRENTS
RT LASERS
∞ THRESHOLDS

THRESHOLD DETECTORS (DOSIMETERS)

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS

THRESHOLD DETECTORS-(CONT)

RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS (DOSIMETERS)
RT IONIZATION CHAMBERS
∞ THRESHOLDS

THRESHOLD GATES

GS CIRCUITS
GATES (CIRCUITS)
THRESHOLD GATES
LOGIC CIRCUITS
THRESHOLD GATES
RT ∞ THRESHOLDS
TRIGGER CIRCUITS

THRESHOLD LOGIC

GS MATHEMATICAL LOGIC
SET THEORY
THRESHOLD LOGIC
RT GATES (CIRCUITS)
∞ LOGIC
LOGIC CIRCUITS
∞ THRESHOLDS
TRANSISTOR LOGIC
TRIGGER CIRCUITS

THRESHOLD SHIFT

USE THRESHOLDS

∞ THRESHOLDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF THRESHOLD SHIFT
RT DOORS
ENTRANCES
NOISE THRESHOLD
RESOLUTION
RESPONSES
SENSITIVITY
THRESHOLD CURRENTS
THRESHOLD DETECTORS (DOSIMETERS)
THRESHOLD GATES
THRESHOLD LOGIC
THRESHOLDS (PERCEPTION)

THRESHOLDS (PERCEPTION)

RT ACUITY
ADAPTATION
AUDIOMETRY
AUDITORY PERCEPTION
AUDITORY SENSATION AREAS
AUDITORY STIMULI
CHRONAXY
∞ FREQUENCY RESPONSE
HEARING
LIGHT ADAPTATION
LIMEN
NEUROLOGY
PERCEPTION
PHOTOSENSITIVITY
SENSITIVITY
∞ THRESHOLDS
VISION
VISUAL PERCEPTION

THROATS

SN (NON BIOLOGICAL)
RT CARBURATORS
∞ CHANNELS
CHOKES (RESTRICTIONS)
DUCTS
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
ORIFICES

THROMBIN

GS ANATOMY
CARDIOVASCULAR SYSTEM
THROMBIN
BODY FLUIDS
BLOOD
THROMBIN
ENZYMES
THROMBIN
PROTEINS
THROMBIN
RT FIBRINOGEN
HEMOSTATICS
PROTHROMBIN
THROMBOPLASTIN

THROMBOCYTES

THROMBOCYTES

RT BLOOD COAGULATION
CLOTTING

THROMBOPENIA

GS DISEASES
RT **THROMBOPENIA**
COAGULATION

THROMBOPLASTIN

GS ANATOMY
CARDIOVASCULAR SYSTEM
THROMBOPLASTIN
BODY FLUIDS
BLOOD
RT **THROMBOPLASTIN**
CLOTTING
HEMOSTATICS
HOMEOSTASIS
PLATELETS
THROMBIN

THROMBOSIS

GS DISEASES
THROMBOSIS
RT BLOOD COAGULATION
INFARCTION
MYOCARDIAL INFARCTION

THROTTLING

RT JOULE-THOMSON EFFECT
VARIABLE THRUST

THROWING

RT EJECTION
SPREADING

THRUST

UF THRUST POWER
GS **THRUST**
HIGH THRUST
JET THRUST
LEADING EDGE THRUST
LOW THRUST
MICROTHRUST
ROCKET THRUST
RETROTHRUST
STATIC THRUST
VARIABLE THRUST
RT ACCELERATION (PHYSICS)
AUXILIARY PROPULSION
BURNING TIME
DUAL THRUST NOZZLES
∞ FORCE
JET ENGINES
NOZZLE THRUST COEFFICIENTS
∞ POWER
PROPULSION
∞ REACTION
ROCKET ENGINES
ROCKET PROPELLANTS
SPECIFIC IMPULSE

THRUST AUGMENTATION

GS AUGMENTATION
THRUST AUGMENTATION
RT AFTERBURNING
COANDA EFFECT
HIGH THRUST
SECONDARY INJECTION
SHROUDED PROPELLERS
VARIABLE THRUST
WATER INJECTION

THRUST BEARINGS

GS BEARINGS
THRUST BEARINGS
RT ANTIFRICTION BEARINGS
BALL BEARINGS
GAS BEARINGS
ROLLER BEARINGS

THRUST CHAMBER PRESSURE

GS PRESSURE
THRUST CHAMBER PRESSURE

THRUST CHAMBERS

UF ROCKET CHAMBERS
RT ARC CHAMBERS
∞ CHAMBERS
COMBUSTION CHAMBERS
DIVERGENT NOZZLES
ROCKET ENGINE CASES

THRUST CONTROL

GS **THRUST CONTROL**
THRUST VECTOR CONTROL
RT ATTITUDE CONTROL
∞ CONTROL
CONTROL ROCKETS
ENGINE CONTROL
JET CONTROL
∞ REACTION CONTROL
ROCKET ENGINE CONTROL
SATELLITE CONTROL
TURBOJET ENGINE CONTROL
VARIABLE THRUST

THRUST DISTRIBUTION

RT AERODYNAMIC FORCES
∞ DISTRIBUTION
FORCE DISTRIBUTION
LEADING EDGES
PRESSURE DISTRIBUTION
VORTICES
WING PLANFORMS

THRUST FAULTS

USE GEOLOGICAL FAULTS

THRUST LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
THRUST LOADS
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
COMPRESSION LOADS
JET THRUST
ROCKET THRUST
STRUCTURAL DESIGN CRITERIA

THRUST MEASUREMENT

GS MECHANICAL MEASUREMENT
THRUST MEASUREMENT
RT ACCELEROMETERS
DYNAMOMETERS
∞ FORCE
∞ MEASUREMENT

THRUST POWER

USE THRUST

THRUST PROGRAMMING

UF OPTIMUM THRUST PROGRAMMING
GS PROGRAMMING (SCHEDULING)
THRUST PROGRAMMING
RT FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT PLANS
ORBITAL MECHANICS
PARKING ORBITS
PROPULSIVE EFFICIENCY
TRAJECTORY CONTROL

THRUST REVERSAL

RT AIRCRAFT BRAKES
BRAKES (FOR ARRESTING MOTION)
BRAKING
DECELERATION

THRUST TERMINATION

GS STOPPING
THRUST TERMINATION
RT BURNOUT
ROCKET THRUST
STAGE SEPARATION
VARIABLE THRUST

THRUST VECTOR CONTROL

UF TVC (CONTROL)
GS ATTITUDE CONTROL
DIRECTIONAL CONTROL
THRUST VECTOR CONTROL
FLIGHT CONTROL
THRUST VECTOR CONTROL
THRUST CONTROL
THRUST VECTOR CONTROL
RT AIR SLEW MISSILES
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
∞ CONTROL
GUIDE VANES
GYROSTABILIZERS
JET VANES
LIQUID INJECTION
MANEUVERABLE SPACECRAFT
MISSILE CONTROL

NASA THESAURUS (VOLUME 1)

THRUST VECTOR CONTROL-(CONT)

NOZZLE THRUST COEFFICIENTS
ROCKET ENGINES
SECONDARY INJECTION
SPACECRAFT CONTROL
VARIABLE THRUST
VERNIER ENGINES

THRUST-WEIGHT RATIO

GS RATIOS
THRUST-WEIGHT RATIO
RT ACCELERATION (PHYSICS)
MASS RATIOS
PRESSURE RATIO
ROCKET ENGINES

∞ THRUSTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ION ENGINES
ROCKET ENGINES

THULIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
THULIUM
THULIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
THULIUM
THULIUM ISOTOPES

THULIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
THULIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

THULIUM ISOTOPES

UF THULIUM 171
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
THULIUM ISOTOPES
RARE EARTH ELEMENTS
THULIUM
THULIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
THULIUM
THULIUM ISOTOPES

THULIUM 171

USE THULIUM ISOTOPES

THUNDERCHIEF AIRCRAFT

USE F-105 AIRCRAFT

THUNDERSTORMS

GS STORMS
STORMS (METEOROLOGY)
RAINSTORMS
THUNDERSTORMS
RT ANVIL CLOUDS
ATMOSPHERICS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUDS (METEOROLOGY)
COLD FRONTS
CUMULONIMBUS CLOUDS
FRONTS (METEOROLOGY)
HAIL
HAILSTORMS
LIGHTNING
LIGHTNING SUPPRESSION
RAIN
STORM DAMAGE
WARM FRONTS
WIND (METEOROLOGY)

THYMIDINE

GS ACIDS
THYMIDINE
HETEROCYCLIC COMPOUNDS
THYMIDINE
PYRIMIDINES
THYMIDINE
RT ALLOXAN
DEOXYRIBONUCLEIC ACID
NUCLEOSIDES

THYMINE

GS ACIDS

NASA THESAURUS (VOLUME 1)

THYMINE-(CONT)

THYMINE
HETEROCYCLIC COMPOUNDS
THYMINE
NITROGEN COMPOUNDS
THYMINE
PYRIMIDINES
THYMINE
RT ALLOXAN
DEOXYRIBONUCLEIC ACID

THYMOL

GS HYDROXYL COMPOUNDS
ALCOHOLS
PHENOLS
THYMOL

THYMUS GLAND

GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
THYMUS GLAND
VISCERA
ENDOCRINE GLANDS
THYMUS GLAND

THYRATRONS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
GAS DISCHARGE TUBES
THYRATRONS
MICROWAVE TUBES
PLANOTRONS
THYRATRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
THYRATRONS
RECTIFIERS
THYRATRONS
RT CURRENT CONVERTERS (AC TO DC)
SILICON CONTROLLED RECTIFIERS
THYRISTORS

THYRISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
THYRISTORS
SILICON CONTROLLED
RECTIFIERS
RECTIFIERS
THYRISTORS
SILICON CONTROLLED RECTIFIERS
RT JUNCTION TRANSISTORS
P-N-P-N JUNCTIONS
THYRATRONS
TRIGGER CIRCUITS
TRIODES

THYROID GLAND

GS ANATOMY
GLANDS (ANATOMY)
ENDOCRINE GLANDS
THYROID GLAND
VISCERA
ENDOCRINE GLANDS
THYROID GLAND
RT CALCIUM METABOLISM
HYPOMETABOLISM

THYROXINE

GS ACIDS
AMINO ACIDS
THYROXINE
ORGANIC COMPOUNDS
AMINO ACIDS
THYROXINE

TIBET

GS NATIONS
TIBET
RT ASIA
BHUTAN
HIMALAYAS

TIBIA

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
TIBIA
RT LEG (ANATOMY)

TID

USE TRAVELING IONOSPHERIC
DISTURBANCES

TIDAL FLATS

GS LANDFORMS
FLATS (LANDFORMS)
TIDAL FLATS
RT AQUICULTURE
COASTS
ESTUARIES
FISHERIES
MARSHLANDS
MUD
OCEANS
SHORELINES
TIDES

TIDAL OSCILLATION

USE TIDES

TIDAL WAVES

GS WATER WAVES
TIDAL WAVES
RT OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
SEA BREEZE
SEA ROUGHNESS
SEISMOLOGY
TSUNAMI WAVES
WAVES
WIND (METEOROLOGY)

TIDE POWERED GENERATORS

RT ELECTRIC GENERATORS
ENERGY CONVERSION EFFICIENCY
GENERATORS
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
OCEANS
SEA ROUGHNESS
TIDEPOWER
TIDES
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

TIDE POWERED MACHINES

RT MACHINERY
OCEAN CURRENTS
OCEAN SURFACE
SEA ROUGHNESS
TIDEPOWER
TIDES
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

TIDEPOWER

RT CLEAN ENERGY
EARTH RESOURCES
ENERGY SOURCES
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
SEA ROUGHNESS
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDES
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

TIDES

UF TIDAL OSCILLATION
GS TIDES
ATMOSPHERIC TIDES
EARTH TIDES
LUNAR TIDES
RT COASTAL CURRENTS
ESTUARIES
FLOOD DAMAGE
FLOODS
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
PRESSURE ICE
SEA ROUGHNESS
TIDAL FLATS
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
WATER CURRENTS
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

TIMBER IDENTIFICATION

TIDES-(CONT)

WETLANDS

TIEBOLTS

GS FASTENERS
BOLTS
TIEBOLTS

TIG WELDING

USE GAS TUNGSTEN ARC WELDING

TIGHTNESS

RT CLEARANCES
CLOSURES
PROXIMITY

TILES

RT CERAMICS
FLOORS
GROUT
LUDOX (TRADEMARK)
MASONRY
WALLS

TILT

USE ATTITUDE (INCLINATION)

TILT ROTOR AIRCRAFT

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
TILT ROTOR AIRCRAFT
XV-15 AIRCRAFT
RT AIRCRAFT
HELICOPTERS
TILTING ROTORS

TILT ROTOR RESEARCH AIRCRAFT PROGRAM

GS PROGRAMS
NASA PROGRAMS
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
RT AIRCRAFT
HELICOPTERS
ROTARY WINGS
XV-15 AIRCRAFT

TILT WING AIRCRAFT

UF PIVOTED WING AIRCRAFT
GS TILT WING AIRCRAFT
CL-84 AIRCRAFT
L-29 JET TRAINER
VZ-2 AIRCRAFT
XC-142 AIRCRAFT
RT AIRCRAFT
FAN IN WING AIRCRAFT
RESEARCH AIRCRAFT
SHORT TAKEOFF AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-22 AIRCRAFT

TILTED PROPELLERS

GS PROPELLERS
RT TILTED PROPELLERS
HELICOPTER PROPELLER DRIVE

TILTING

USE ATTITUDE (INCLINATION)

TILTING ROTORS

GS AIRFOILS
WINGS
ROTARY WINGS
TILTING ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
TILTING ROTORS
RT TILT ROTOR AIRCRAFT
XV-3 AIRCRAFT

TILTMETERS

GS MEASURING INSTRUMENTS
TILTMETERS
RT ATTITUDE (INCLINATION)
GEOPHYSICS
SEISMOGRAPHS

TIMBER IDENTIFICATION

GS IDENTIFYING
TIMBER IDENTIFICATION
RECOGNITION
TIMBER IDENTIFICATION
RT CONIFERS

TIMBER INVENTORY

TIMBER IDENTIFICATION-(CONT)

CROP IDENTIFICATION
DECIDUOUS TREES
EARTH RESOURCES
EVALUATION
FORESTS
TREES (PLANTS)

TIMBER INVENTORY

GS INVENTORIES
TIMBER INVENTORY
RT AERIAL PHOTOGRAPHY
EARTH RESOURCES
FOREST MANAGEMENT
FORESTS
INFRARED PHOTOGRAPHY
PHOTOGRAPHY
REFORESTATION
SATELLITE-BORNE PHOTOGRAPHY
TREES (PLANTS)

TIMBER VIGOR

RT FOLIAGE
FORESTS
GROWTH
TIMBERLINE
TREES (PLANTS)

TIMBERLINE

RT DENDROCHRONOLOGY
FORESTS
GROWTH
HIGH ALTITUDE ENVIRONMENTS
POLAR REGIONS
TIMBER VIGOR
TREES (PLANTS)

TIME

UF DURATION
GS TIME
ACCESS TIME
BURNING TIME
DOWNTIME
EPHEMERIS TIME
FLIGHT TIME
MTBF
REACTION TIME
CHRONAXY
RELAXATION TIME
RESPONSE TIME (COMPUTERS)
SIDEREAL TIME
TESTING TIME
TRANSIT TIME
UNIVERSAL TIME
RT CALENDARS
CELESTIAL GEODESY
CHRONOLOGY
EXPOSURE
INTERVALS
LAUNCH DATES
MONTH
PROLONGATION
RELATIVISTIC EFFECTS
SCHEDULES
SYNCHRONISM
TIME MEASUREMENT
UNITS OF MEASUREMENT

TIME CONSTANT

GS CONSTANTS
TIME CONSTANT
PERCEPTUAL TIME CONSTANT
RT ACCESS TIME
 ∞ CONSTANT
DAMPING
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
IMPEDANCE
LC CIRCUITS
RC CIRCUITS
REACTION TIME
RELAXATION TIME
RL CIRCUITS
RLC CIRCUITS
 ∞ TIME RESPONSE
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

TIME DELAY

USE TIME LAG

TIME DEPENDENCE

GS DEPENDENCE
TIME DEPENDENCE
RT ∞ HELMHOLTZ EQUATIONS

TIME DEPENDENCE-(CONT)

STOCHASTIC PROCESSES
TEMPORAL DISTRIBUTION
 ∞ TIME RESPONSE

TIME DISCRIMINATION

RT COMPARATOR CIRCUITS
SENSORY DISCRIMINATION

TIME DIVISION MULTIPLE ACCESS

UF TDMA
GS TELECOMMUNICATION
MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
TIME DIVISION MULTIPLE ACCESS
RT ALOHA SYSTEM
CHANNEL NOISE
FREQUENCY DIVISION MULTIPLE
ACCESS
MULTICHANNEL COMMUNICATION
PACKET SWITCHING
PULSE COMMUNICATION
SATELLITE NETWORKS
SWITCHING
WIDEBAND COMMUNICATION

TIME DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
TIME DIVISION MULTIPLEXING
RT DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
PULSE MODULATION
TELEMETRY
TELEVISION TRANSMISSION
WAVELENGTH DIVISION MULTIPLEXING

TIME FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
TIME FUNCTIONS
RT RATES (PER TIME)
SQUARE WAVES
STOCHASTIC PROCESSES
WAVE FUNCTIONS
WAVEFORMS

TIME LAG

UF CHRONOTRONS
LAG (DELAY)
TIME DELAY
RT CEPSTRAL ANALYSIS
DELAY
DELAY LINES
ELECTRIC RELAYS
HYSTERESIS
INVENTORY CONTROLS
REACTION TIME
REFRACTORY PERIOD
RESPONSES
SCHEDULES
 ∞ TIME RESPONSE

TIME LAPSE PHOTOGRAPHY

USE CHRONOPHOTOGRAPHY

TIME MARCHING

RT FINITE DIFFERENCE THEORY
NUMERICAL ANALYSIS
SPATIAL MARCHING

TIME MEASUREMENT

UF DATING
EPOCHS
TIMING
GS TIME MEASUREMENT
CLOCK PARADOX
RT ATOMIC CLOCKS
CHRONOMETERS
CLOCKS
CONSECUTIVE EVENTS
FREQUENCY MEASUREMENT
 ∞ MEASUREMENT
OSCILLOGRAPHS
RADIOACTIVE AGE DETERMINATION
RATES (PER TIME)
SIDEREAL TIME
STROBOSCOPES
SYNCHRONISM
 ∞ TIME RESPONSE
TIMING DEVICES
VELOCITY
VELOCITY MEASUREMENT
WINDOWS (INTERVALS)

NASA THESAURUS (VOLUME 1)

TIME MEASURING INSTRUMENTS

GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS
CLOCKS
ATOMIC CLOCKS
AUTONOMOUS SPACECRAFT
CLOCKS
CHRONOMETERS
TIMING DEVICES

TIME OF FLIGHT SPECTROMETERS

GS MEASURING INSTRUMENTS
SPECTROMETERS
TIME OF FLIGHT SPECTROMETERS
RT SPECTROSCOPY

TIME OPTIMAL CONTROL

GS AUTOMATIC CONTROL
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
OPTIMIZATION
OPTIMAL CONTROL
TIME OPTIMAL CONTROL
RT ∞ CONTROL

∞ TIME RESPONSE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACCESS TIME
DELAY
RESPONSE BIAS
RESPONSES
TEMPORAL DISTRIBUTION
TIME CONSTANT
TIME DEPENDENCE
TIME LAG
TIME MEASUREMENT

TIME SERIES ANALYSIS

RT ∞ APPLICATIONS OF MATHEMATICS
AUTOCORRELATION
CORRELATION
CURVE FITTING
DATA SAMPLING
EXTRAPOLATION
FORECASTING
FOURIER ANALYSIS
KALMAN-SCHMIDT FILTERING
MAXIMUM ENTROPY METHOD
SCHEDULING
 ∞ STATISTICS
STOCHASTIC PROCESSES
TRENDS

TIME SHARING

RT COMPUTER PROGRAMMING
COORDINATION
MULTIPLE OUTPUT PROGRAMS
MULTIPROCESSING (COMPUTERS)
MULTIPROGRAMMING
PIPELINING (COMPUTERS)
RUN TIME (COMPUTERS)

TIME SIGNALS

RT CLOCK PARADOX
FREQUENCY STANDARDS
PICOSECOND PULSES
PULSE DURATION
 ∞ SIGNALS
TIMING DEVICES

TIME TEMPERATURE PARAMETER

RT AGING (METALLURGY)
AUSTENITIC STAINLESS STEELS
EMBRITTLMENT
FRACTURE MECHANICS
LONG TERM EFFECTS
METALLOGRAPHY
PRECIPITATION HARDENING
TEMPERATURE EFFECTS

TIMERS

USE TIMING DEVICES

TIMING

USE TIME MEASUREMENT

TIMING DEVICES

UF TIMERS
GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS
TIMING DEVICES
RT CHRONOMETERS

TIMING DEVICES-(CONT)

CLOCK PARADOX
CLOCKS
DWELL
PENDULUMS
TACHOMETERS
TIME MEASUREMENT
TIME SIGNALS

TIMOSHENKO BEAMS

GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
TIMOSHENKO BEAMS
RT COLUMNS (SUPPORTS)
TRUSSES

TIN

GS CHEMICAL ELEMENTS
TIN
TIN ISOTOPES
METALS
TIN
TIN ISOTOPES

TIN ALLOYS

GS ALLOYS
TIN ALLOYS
BABBITT METAL
RT BEARING ALLOYS
SOLDERS
STANNIDES
ZIRCALOYS (TRADEMARK)

TIN COMPOUNDS

GS **TIN COMPOUNDS**
ORGANIC TIN COMPOUNDS
STANNATES
STANNIDES
NIOBIUM STANNIDES
TIN OXIDES
TIN TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ METAL COMPOUNDS

TIN ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TIN ISOTOPES
TIN
TIN ISOTOPES
METALS
TIN
TIN ISOTOPES

TIN OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
TIN OXIDES
TIN COMPOUNDS
TIN OXIDES
RT SIS (SEMICONDUCTORS)

TIN TELLURIDES

GS CHALCOGENIDES
TELLURIDES
TIN TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
TIN TELLURIDES
TIN COMPOUNDS
TIN TELLURIDES

TIP DRIVEN ROTORS

UF HOT CYCLE PROPULSION SYSTEM
GS AIRFOILS
WINGS
ROTARY WINGS
TIP DRIVEN ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
TIP DRIVEN ROTORS
RT XV-9A AIRCRAFT

TIP SPEED

GS RATES (PER TIME)
TIP SPEED
VELOCITY
TIP SPEED
RT ANGULAR VELOCITY
CRITICAL VELOCITY

TIP SPEED-(CONT)

ROTOR SPEED

TIP VANES

GS ROTATING BODIES
ROTORS
TIP VANES
TURBOMACHINERY
TURBINES
WIND TURBINES
TIP VANES

TIPS

GS **TIPS**
BLADE TIPS
CRACK TIPS
NOSE TIPS
WING TIPS
RT AIRFOIL PROFILES
EDGES

TIRES

GS **TIRES**
AIRCRAFT TIRES
RT BLOWOUTS
INFLATABLE STRUCTURES
LANDING GEAR
ROLLERS
TOROIDAL WHEELS
TREADS
VEHICLE WHEELS
WHEEL BRAKES
WHEELS

TIROS D SATELLITE

USE TIROS 4 SATELLITE

TIROS E SATELLITE

USE TIROS 5 SATELLITE

TIROS F SATELLITE

USE TIROS 6 SATELLITE

TIROS G SATELLITE

USE TIROS 7 SATELLITE

TIROS H SATELLITE

USE TIROS 8 SATELLITE

TIROS M

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS M
RT IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4

TIROS N SERIES SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS N SERIES SATELLITES
RT IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
NOAA 6 SATELLITE
NOAA 7 SATELLITE
TIROS OPERATIONAL SATELLITE
SYSTEM

TIROS OPERATIONAL SATELLITE SYSTEM

RT CLOUD PHOTOGRAPHY
ITOS 1
ITOS 2
ITOS 3
ITOS 4
SATELLITE OBSERVATION
 ∞ SYSTEMS
TIROS N SERIES SATELLITES

TIROS PROJECT

GS PROGRAMS
NASA PROGRAMS
TIROS PROJECT

TIROS PROJECT-(CONT)

NASA SPACE PROGRAMS
TIROS PROJECT
PROJECTS
TIROS PROJECT
RT CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
METEOROLOGICAL SATELLITES

TIROS SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
IMPROVED TIROS OPERATIONAL
SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
TIROS M
TIROS N SERIES SATELLITES
TIROS 1 SATELLITE
TIROS 2 SATELLITE
TIROS 3 SATELLITE
TIROS 4 SATELLITE
TIROS 5 SATELLITE
TIROS 6 SATELLITE
TIROS 7 SATELLITE
TIROS 8 SATELLITE
TIROS 9 SATELLITE
TIROS 10 SATELLITE
RT CLOUD PHOTOGRAPHY
ESSA SATELLITES
POLAR ORBITS
SATELLITE OBSERVATION

TIROS WHEEL SATELLITE

USE TIROS 9 SATELLITE

TIROS 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 1 SATELLITE
RT THOR ABLE ROCKET VEHICLE

TIROS 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 2 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 3 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 4 SATELLITE

UF TIROS D SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 4 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 5 SATELLITE

UF TIROS E SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 5 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 6 SATELLITE

UF TIROS F SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 6 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 7 SATELLITE

TIROS 7 SATELLITE

UF TIROS G SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 7 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 8 SATELLITE

UF TIROS H SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 8 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 9 SATELLITE

UF TIROS WHEEL SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 9 SATELLITE
RT DELTA LAUNCH VEHICLE

TIROS 10 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS 10 SATELLITE
RT DELTA LAUNCH VEHICLE

TISSUES (BIOLOGY)

GS TISSUES (BIOLOGY)
ADIPOSE TISSUES
ENDOTHELIUM
EPICARDIUM
EPITHELIUM
HYPODERMIS
NEUROGLIA
PERITONEUM
PLANTAR TISSUES
SCARS
RT ATROPHY
∞ BIOLOGY
CANCER
∞ CELLS
CELLS (BIOLOGY)
CULTIVATION
CYSTIC FIBROSIS
CYSTS
FIBROBLASTS
FIBROSIS
HISTOCHEMICAL ANALYSIS
INFARCTION
MACROPHAGES
MEDIASTINUM

TITAN

GS CELESTIAL BODIES
NATURAL SATELLITES
TITAN
SATELLITES
NATURAL SATELLITES
SATURN SATELLITES
TITAN
RT ATMOSPHERIC COMPOSITION
CHARON
SATELLITE ATMOSPHERES
SATURN (PLANET)
TRITON

TITAN CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES
TITAN CENTAUR LAUNCH VEHICLE
ROCKET VEHICLES
TITAN CENTAUR LAUNCH VEHICLE
RT CENTAUR LAUNCH VEHICLE

TITAN ICBM

GS MISSILES
BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 1 ICBM

TITAN ICBM-(CONT)

TITAN 2 ICBM
RT LIQUID PROPELLANT ROCKET ENGINES
LR-91-AJ-5 ENGINE
MULTISTAGE ROCKET VEHICLES
YLR-91-AJ-1 ENGINE

TITAN LAUNCH VEHICLES

GS LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
RT GEMINI 3 FLIGHT
GEMINI 7 FLIGHT
GEMINI 8 FLIGHT
GEMINI 9 FLIGHT
GEMINI 10 FLIGHT
GEMINI 11 FLIGHT
GEMINI 12 FLIGHT
LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
∞ VEHICLES

TITAN PROJECT

GS PROGRAMS
NASA PROGRAMS
TITAN PROJECT
NASA SPACE PROGRAMS
TITAN PROJECT
PROJECTS
RT ∞ BOOSTERS
GEMINI PROJECT
GEMINI SPACECRAFT
LAUNCH VEHICLES
LAUNCHERS
LAUNCHING

TITAN 1 ICBM

UF SM-68 MISSILE
GS MISSILES
BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 1 ICBM
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 1 ICBM
RT LR-87-AJ-5 ENGINE

TITAN 2 ICBM

UF SM-68B MISSILE
GS MISSILES
BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 2 ICBM
SURFACE TO SURFACE MISSILES
INTERCONTINENTAL BALLISTIC
MISSILES
TITAN ICBM
TITAN 2 ICBM
RT HYLA-STAR ROCKET VEHICLE

TITAN 3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
RT MANNED ORBITAL LABORATORIES

TITANATES

GS TITANIUM COMPOUNDS
TITANATES
BARIUM TITANATES
ILMENITE
LEAD TITANATES
MAGNESIUM TITANATES
PEROVSKITES
PIEZOELECTRIC CERAMICS
LEAD ZIRCONATE TITANATES
STRONTIUM TITANATES
ZIRCONIUM TITANATES
RT EUXENITE

NASA THESAURUS (VOLUME 1)

TITANIUM

GS CHEMICAL ELEMENTS
TITANIUM
TITANIUM ISOTOPES
METALS
TRANSITION METALS
TITANIUM
TITANIUM ISOTOPES

TITANIUM ALLOYS

GS ALLOYS
TITANIUM ALLOYS
NITINOL ALLOYS
RT SHAPE MEMORY ALLOYS

TITANIUM BORIDES

GS BORON COMPOUNDS
BORIDES
TITANIUM BORIDES
TITANIUM COMPOUNDS
TITANIUM BORIDES

TITANIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
TITANIUM CARBIDES
TITANIUM COMPOUNDS
TITANIUM CARBIDES
RT CERAMIC MATRIX COMPOSITES

TITANIUM CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
TITANIUM CHLORIDES
HALIDES
CHLORIDES
TITANIUM CHLORIDES
METAL HALIDES
TITANIUM CHLORIDES
TITANIUM COMPOUNDS
TITANIUM CHLORIDES

TITANIUM COMPOUNDS

GS TITANIUM COMPOUNDS
TITANATES
BARIUM TITANATES
ILMENITE
LEAD TITANATES
MAGNESIUM TITANATES
PEROVSKITES
PIEZOELECTRIC CERAMICS
LEAD ZIRCONATE TITANATES
STRONTIUM TITANATES
ZIRCONIUM TITANATES
TITANIUM BORIDES
TITANIUM CARBIDES
TITANIUM CHLORIDES
TITANIUM NITRIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 4B COMPOUNDS
∞ METAL COMPOUNDS

TITANIUM DIOXIDE

USE TITANIUM OXIDES

TITANIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TITANIUM ISOTOPES
TITANIUM
TITANIUM ISOTOPES
METALS
TRANSITION METALS
TITANIUM
TITANIUM ISOTOPES

TITANIUM NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
TITANIUM NITRIDES
TITANIUM COMPOUNDS
TITANIUM NITRIDES
RT CERAMIC MATRIX COMPOSITES
METAL NITRIDES

TITANIUM OXIDES

UF TITANIUM DIOXIDE
GS CHALCOGENIDES

TITANIUM OXIDES-(CONT.)

OXIDES
METAL OXIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
TITANIUM COMPOUNDS
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
RT DIOXIDES

TITRATION

GS CHEMICAL REACTIONS
TITRATION
RT ACIDITY
COULOMETERS
IODIMETRY
ION CONCENTRATION
KJELDAHL METHOD
SOLUTIONS

TITRIMETERS

GS MEASURING INSTRUMENTS
TITRIMETERS
RT CHEMICAL ANALYSIS

TNT (TRINITROTOLUENE)

USE TRINITROTOLUENE

TOBACCO

GS PLANTS (BOTANY)
TOBACCO
RT NICOTINE

TOCOPHEROL

UF VITAMIN E
GS HETEROCYCLIC COMPOUNDS
TOCOPHEROL
VITAMINS
TOCOPHEROL

TOGO

GS NATIONS
TOGO
RT AFRICA

TOKAMAK DEVICES

GS NUCLEAR REACTORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
PLASMA GENERATORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
∞ ELECTRIC POWER
LIMITERS (FUSION REACTORS)
NUCLEAR FUSION
PLASMA COMPRESSION
PLASMA CONTROL
PLASMA PHYSICS
POLOIDAL FLUX
∞ REACTORS
SPHEROMAKS

TOLERANCES (MECHANICS)

GS **TOLERANCES (MECHANICS)**
IMPACT TOLERANCES
RT ACCEPTABILITY
ACCURACY
ALLOWANCES
CLEARANCES
CONSISTENCY
DIMENSIONAL STABILITY
DRIFT (INSTRUMENTATION)
ERRORS
HYSTERESIS
INSPECTION
LINEARITY
MECHANICAL PROPERTIES
NONDESTRUCTIVE TESTS
PRECISION
QUALITY CONTROL
RADIATION TOLERANCE
RANGE (EXTREMES)
RELIABILITY
RESOLUTION
SENSITIVITY
SPECIFICATIONS
STABILITY
STANDARDS

TOLERANCES (PHYSIOLOGY)

GS **TOLERANCES (PHYSIOLOGY)**
ACCELERATION TOLERANCE
ALTITUDE TOLERANCE
COLD TOLERANCE
HEAT TOLERANCE
HUMAN TOLERANCES
RADIATION TOLERANCE
RT ACCLIMATIZATION
BARANY CHAIR
BIOCONTROL SYSTEMS
IMPACT RESISTANCE
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
RANGE (EXTREMES)
∞ RESISTANCE

TOLLMEIN-SCHLICHTING WAVES

GS ELASTIC WAVES
TOLLMEIN-SCHLICHTING WAVES
RT BLASIUS FLOW
BOUNDARY LAYER FLOW
BOUNDARY LAYER TRANSITION
LAMINAR FLOW
TURBULENT FLOW

TOLUENE

GS HYDROCARBONS
TOLUENE
RT SOLVENTS
XYLENE

TOMAHAWK MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
CRUISE MISSILES
TOMAHAWK MISSILES
RT WEAPONS

TOMBOLOS

USE BARS (LANDFORMS)

TOMOGRAPHY

UF PLANIGRAPHY
GS IMAGERY
RADIOGRAPHY
TOMOGRAPHY
COMPUTER AIDED TOMOGRAPHY
RT COMPUTER GRAPHICS
IMAGE ENHANCEMENT
OPTICAL DATA PROCESSING
X RAY ANALYSIS

STONE

USE PITCH

TONGUE

GS ANATOMY
DIGESTIVE SYSTEM
TONGUE
RT MOUTH
VOICE

TONK METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
CARBONACEOUS METEORITES
TONK METEORITE

TONOMETRY

USE INTRAOCULAR PRESSURE
PRESSURE MEASUREMENT

TONUS

USE MUSCULAR TONUS

TOOLING

RT ∞ AUTOMATION
MACHINING
MECHANIZATION
SETUPS
TOOLS

TOOLS

GS **TOOLS**
BORING MACHINES
DRILL BITS
FILES (TOOLS)
MACHINE TOOLS
GRINDING MACHINES
LATHES
TURRET LATHES

TOOLS-(CONT.)

MILLING MACHINES
SHAPERS
SAWS
SHEARS
SPACE TOOLS
WRENCHES
RT ANTIQUITIES
ANVILS
CUTTERS
DRILLS
FIXTURES
HAMMERS
HARDWARE
JIGS
KITS
∞ MACHINERY
MECHANICAL DEVICES
MECHANIZATION
PLATENS
PRESSES
∞ PRODUCTION
TAPS
TOOLING
ULTRASONIC CLEANING

TOOTH DISEASES

UF AERODONTALGIA
GS DISEASES
TOOTH DISEASES
MEDICAL SCIENCE
TOOTH DISEASES
RT CAVITIES
DENTAL CALCULI
DENTISTRY
ORAL HYGIENE
TEETH

TOPEX

RT GULF STREAM
MARITIME SATELLITES
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
SATELLITE OBSERVATION
SEA STATES
TOPOGRAPHY

TOPOGRAPHY

UF LANDSCAPE
GS **TOPOGRAPHY**
LUNAR TOPOGRAPHY
TERRAIN
RT BADLANDS
BARREN LAND
BEACHES
CLIFFS
CONTOUR SENSORS
CONTOURS
CUSPS (LANDFORMS)
∞ DEPRESSION
DESERTLINE
DESERTS
DUNES
EARTH SURFACE
ELEVATION
ELEVATION ANGLE
ESCARPMENTS
GEODESY
GEODETIC SURVEYS
GEOMORPHOLOGY
GEOPHYSICS
GULFS
HIGHLANDS
HYPSONOGRAPHY
ISTHUSES
JUPITER RED SPOT
LAGOONS
LAND
LANDFORMS
LANDMARKS
LEDGES
MAPPING
MARIA
MARS SURFACE
MEANDERS
MUSKEGS
OCEANOGRAPHY
PEAKS (LANDFORMS)
PENEPLAINS
PHOTOMAPPING
PLAINS
PLANETARY SURFACES
∞ PROFILES
RAVINES

TOPOLOGY

TOPOGRAPHY-(CONT)

RELIEF MAPS
SHALLOW WATER
SLOPES
STAIRSTEPS
SURFACE ROUGHNESS
TOPEX
VALLEYS
VENUS SURFACE
WADIS

TOPOLOGY

GS GEOMETRY
TOPOLOGY
FIXED POINTS (MATHEMATICS)
HOMOTOPY THEORY
IMBEDDINGS (MATHEMATICS)
INVARIANT IMBEDDINGS
LINKS (MATHEMATICS)
METRIC SPACE
RT CATASTROPHE THEORY
∞ CELLS
CONTINUITY
CONTINUITY (MATHEMATICS)
CONTINUUMS
DEFORMATION
DIMENSIONS
FAULT TREES
FIBERS (MATHEMATICS)
GRAPH THEORY
HOMOLOGY
HOMOTROPY
INTERVALS
ISOPERIMETRIC PROBLEM
MANIFOLDS (MATHEMATICS)
MAPPING
NETWORK SYNTHESIS
∞ NETWORKS
SHAPES
SWITCHING THEORY
TORUSES
TREES (MATHEMATICS)
TOPPING CYCLE ENGINES
RT AIRCRAFT ENGINES
LIQUID HYDROGEN
PROPULSION SYSTEM CONFIGURATIONS

TOPS (SPACECRAFT)

UF THERMOELECTRIC OUTER PLANET
SPACECRAFT
THERMOELECTRIC SPACECRAFT
GS INTERPLANETARY SPACECRAFT
TOPS (SPACECRAFT)
RT FLYBY MISSIONS
INTERPLANETARY FLIGHT
OUTER PLANETS EXPLORERS
SPACE EXPLORATION
SPACE MISSIONS
∞ SPACECRAFT

TORCHES

RT CUTTING
PYROGEN
WELDING
WELDING MACHINES

TORNADO AIRCRAFT

USE MRCA AIRCRAFT

TORNADOES

GS STORMS
STORMS (METEOROLOGY)
TORNADOES
RT ATMOSPHERIC CIRCULATION
COLD FRONTS
CUMULONIMBUS CLOUDS
CYCLONES
FRONTS (METEOROLOGY)
GROUND WIND
HURRICANES
NATIONAL SEVERE STORMS PROJECT
RAINSTORMS
STORM DAMAGE
TROPICAL STORMS
TYPHOONS
WARM FRONTS
WIND (METEOROLOGY)

TORO ASTEROID

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
TORO ASTEROID
RT METEORIODS

TORO ASTEROID-(CONT)

SOLAR SYSTEM
SPACE DEBRIS

TOROIDAL DISCHARGE

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
TOWNSEND DISCHARGE
GAS DISCHARGES
TOROIDAL DISCHARGE
RING DISCHARGE
RT ELECTRODELESS DISCHARGES
HIGH FREQUENCIES
PLASMA JETS
SPECTRUM ANALYSIS

TOROIDAL PLASMAS

UF PLASMA RINGS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
TOROIDAL PLASMAS
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ELLIPTICAL PLASMAS
LIMITERS (FUSION REACTORS)
PLASMA CONTROL
PLASMA CURRENTS
POLOIDAL FLUX
REVERSE FIELD PINCH
∞ RINGS
ROTATING PLASMAS
SOLENOIDS
SPHEROMAKS
STELLARATORS

TOROIDAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
TOROIDAL SHELLS
RT METAL SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
THIN WALLED SHELLS
TOROIDS

TOROIDAL WHEELS

UF DOUGHNUT SHAPE WHEELS
GS WHEELS
TOROIDAL WHEELS
RT ROVING VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TIRES
VEHICLE WHEELS

TOROIDS

RT ∞ COILS
∞ CURVES
GEOMETRY
INDUCTORS
ION IMPACT
MAGNET COILS
MAGNETIC CORES
TOROIDAL SHELLS
TRANSFORMERS

TORPEDO ENGINES

GS ENGINES
TORPEDO ENGINES
TURBOROCKET ENGINES
ULLAGE ROCKET ENGINES
VERNIER ENGINES
CONTROL ROCKETS
SYNCOM APOGEE ENGINES
RT INTERNAL COMBUSTION ENGINES
ROCKET PROPELLANTS
TURBINE ENGINES
UNDERWATER PROPULSION

TORPEDOES

UF RETORC (TORPEDOES)
GS EXPLOSIVE DEVICES
TORPEDOES
RT AMMUNITION
ANTISUBMARINE WARFARE
ASROC ENGINE
BOMBS (ORDNANCE)
∞ CONFIGURATIONS
COUNTERMEASURES
EXPLOSIVES
HYDROBALLISTICS
MISSILES
NUCLEAR WEAPONS
PROPELLANTS

NASA THESAURUS (VOLUME 1)

TORPEDOES-(CONT)

∞ ROCKETS
SEA LAUNCHING
SHAPED CHARGES
SUBMERGED BODIES
UNDERWATER TRAJECTORIES
WARHEADS
WEAPONS

TORQUE

UF HINGE MOMENTS
GS MOMENTS
TORQUE
RT BENDING MOMENTS
∞ FORCE
LOADING MOMENTS
MOMENTS OF INERTIA
PITCHING MOMENTS
ROLLING MOMENTS
ROTATION
SHAFTS (MACHINE ELEMENTS)
TORQUEMETERS
TORSION
TORSIONAL STRESS
TORSIONAL VIBRATION
TWISTING
YAWING MOMENTS

TORQUE CONVERTERS

RT ∞ CONVERTERS
POWER CONVERTERS
TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE MEASURING APPARATUS

USE TORQUEMETERS

TORQUE MOTORS

GS MOTORS
ELECTRIC MOTORS
TORQUE MOTORS
RT ACTUATORS
SERVOMOTORS
TRANSMISSIONS (MACHINE ELEMENTS)

TORQUEMETERS

UF TORQUE MEASURING APPARATUS
GS MEASURING INSTRUMENTS
TORQUEMETERS
RT DYNAMOMETERS
MECHANICAL MEASUREMENT
TORQUE

TORQUERS

GS TRANSDUCERS
TORQUERS
RT DEGREES OF FREEDOM
GYROSCOPES
SEA KEEPING

TORRES STRAIT

GS PASSAGEWAYS
STRAITS
TORRES STRAIT
RT AUSTRALIA
NEW GUINEA (ISLAND)

TORSION

RT BUCKLING
DEFLECTION
DEFORMATION
∞ FORCE
MOMENTS
TEMPERATURE INVERSIONS
TORQUE
TORSIONAL STRESS
TORSIONAL VIBRATION
TWISTING

TORSIONAL STRESS

GS STRESSES
SHEAR STRESS
TORSIONAL STRESS
RT TORQUE
TORSION

TORSIONAL VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
TORSIONAL VIBRATION
RT MISSILE VIBRATION
RANDOM VIBRATION
SELF INDUCED VIBRATION
SHEAR STRAIN
TORQUE

TORSIONAL VIBRATION-(CONT)TORSION
TWISTING**TORSO**GS ANATOMY
TORSO
RT CHEST**TORUSES**GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
TORUSES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
TORUSES
RT DESCRIPTIVE GEOMETRY
LOOPS
∞ RINGS
TOPOLOGY**TORY 2 REACTOR**GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
TORY 2 REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
TORY 2 REACTOR
NUCLEAR POWER REACTORS
TORY 2 REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
TORY 2 REACTOR**TORY 2-A REACTOR**GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
TORY 2-A REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
TORY 2-A REACTOR
NUCLEAR POWER REACTORS
TORY 2-A REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
TORY 2-A REACTOR**TORY 2-C REACTOR**GS NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR POWER REACTORS
TORY 2-C REACTOR
NUCLEAR REACTORS
GAS COOLED REACTORS
TORY 2-C REACTOR
NUCLEAR POWER REACTORS
TORY 2-C REACTOR
NUCLEAR RESEARCH AND TEST
REACTORS
TORY 2-C REACTOR**TOS-A**

USE ESSA 3 SATELLITE

TOTAL ENERGY SYSTEMSGS TOTAL ENERGY SYSTEMS
SOLAR TOTAL ENERGY SYSTEMS
RT INTEGRATED ENERGY SYSTEMS
PHOSPHORIC ACID FUEL CELLS
∞ SYSTEMS**TOUCH**UF CUTANEOUS PERCEPTION
TACTILE SENSATION
GS PERCEPTION
SENSORY PERCEPTION
TOUCH
TACTILE DISCRIMINATION
RT ELECTRO CUTANEOUS COMMUNICATION
SKIN (ANATOMY)**TOUCHDOWN**GS LANDING
TOUCHDOWN
RT AIRCRAFT LANDING
APPROACH
APPROACH AND LANDING TESTS (STS)
DOWNRANGE
SPACECRAFT LANDING
VERTICAL LANDING
VERTICAL MOTION**TOUCHDOWN-(CONT.)**

WATER LANDING

TOUGHNESSGS MECHANICAL PROPERTIES
TOUGHNESS
NOTCH SENSITIVITY
RT ABRASION RESISTANCE
BRITTLENESS
COMPRESSIVE STRENGTH
CRACK INITIATION
DUCTILITY
FRACTURE STRENGTH
HARDNESS
IMPACT TESTS
J INTEGRAL
SHEAR PROPERTIES
TENSILE STRENGTH**TOURMALINE**GS ALUMINUM COMPOUNDS
TOURMALINE
BORON COMPOUNDS
TOURMALINE
MINERALS
TOURMALINE
SILICON COMPOUNDS
SILICATES
SODIUM SILICATES
TOURMALINE
SODIUM COMPOUNDS
SODIUM SILICATES
TOURMALINE
RT IGNEOUS ROCKS**TOURNESOLE SATELLITE**

USE D-2 SATELLITES

TOURNIQUETSGS MEDICAL EQUIPMENT
TOURNIQUETS
RT BLOOD CIRCULATION
BLOOD FLOW
FIRST AID**TOW MISSILES**GS MISSILES
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
TOW MISSILES**TOWED BODIES**UF DROGUES
TOWED TARGETS
RT AIRCRAFT BRAKES
∞ BODIES
BRAKES (FOR ARRESTING MOTION)
DRAG CHUTES
GLIDERS
LIFTING BODIES
PARACHUTES
SLEDS
STREAMLINED BODIES
SUBMERGED BODIES
TEST VEHICLES
TOWING
TRAILERS**TOWED TARGETS**USE TARGETS
TOWED BODIES**TOWER SHIELDING REACTOR 2**GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
TOWER SHIELDING REACTOR 2
RT RADIATION SHIELDING**TOWERS**GS TOWERS
AIRPORT TOWERS
UMBILICAL TOWERS
RT AIR TRAFFIC CONTROL
ANTENNAS
BRIDGES (STRUCTURES)
COLUMNS (SUPPORTS)
CONCRETE STRUCTURES
CONSTRUCTION INDUSTRY
CRANES
PYLONS
∞ STRUCTURES
TANKS (CONTAINERS)**TOWING**RT CABLES (ROPES)
TOWED BODIES
TRACTORS
TRAILERS**TOWNSEND AVALANCHE**UF TOWNSEND SURFACES
GS AVALANCHES
TOWNSEND AVALANCHE
RT ELECTROMAGNETIC ABSORPTION
ELECTRON AVALANCHE
ION IMPACT
SECONDARY EMISSION
∞ SURFACES**TOWNSEND DISCHARGE**GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
TOWNSEND DISCHARGE
GAS DISCHARGES
TOROIDAL DISCHARGE
RING DISCHARGE
RT ELECTRODELESS DISCHARGES
ION IMPACT**TOWNSEND SURFACES**

USE TOWNSEND AVALANCHE

TOXIC DISEASESUF POISONING (TOXICOLOGY)
GS DISEASES
TOXIC DISEASES
CARBON MONOXIDE POISONING
LEAD POISONING
RT CLOSTRIDIUM BOTULINUM
DIPHTHERIA
HYPEROXIA
∞ POISONING
TOXICITY
TOXICOLOGY**TOXIC HAZARDS**GS HAZARDS
TOXIC HAZARDS
RT AIRCRAFT HAZARDS
FLIGHT HAZARDS
∞ POISONING
TOXICITY**TOXICITY**GS TOXICITY
CARBON MONOXIDE POISONING
LEAD POISONING
RT ACIDOSIS
ALKALOSIS
CHEMICAL PROPERTIES
ENDANGERED SPECIES
HERBICIDES
HYPEROXIA
POISONS
TOXIC DISEASES
TOXIC HAZARDS
TOXICOLOGY
TOXINS AND ANTITOXINS
VIRULENCE**TOXICITY AND SAFETY HAZARD**GS IRRITATION
TOXICITY AND SAFETY HAZARD
RT ACROLEINS
BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CHEMICAL PROPERTIES
HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
HYDROCARBON POISONING
INTOXICATION**TOXICOLOGY**RT BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CURARE
ENDOTOXINS
FUNGICIDES
HAZARDS
HEMOPERFUSION
HYDROCARBON POISONING
INSECTICIDES
INTOXICATION
NONPOINT SOURCES
PESTICIDES
POLLUTION

TOXINS AND ANTITOXINS

TOXICOLOGY-(CONT)

RED TIDE
TOXIC DISEASES
TOXICITY
VACCINES

TOXINS AND ANTITOXINS

GS **TOXINS AND ANTITOXINS**
ENDOTOXINS
POLYBROMINATED BIPHENYLS
RT IMMUNITY
TOXICITY
VACCINES

TRAAC SATELLITE

USE TRANSIT ATTITUDE CONTROL
SATELLITE

TRACE CONTAMINANTS

GS CONTAMINANTS
TRACE CONTAMINANTS
RT CHEMICAL ELEMENTS
IMPURITIES
POLLUTION TRANSPORT
PURITY
∞ TRACING

TRACE ELEMENTS

GS CHEMICAL ELEMENTS
TRACE ELEMENTS
RT ISOTOPIC LABELING
∞ NUTRIENTS
PARTICLE TRACKS
∞ TRACERS
∞ TRACING

∞ TRACERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AMMUNITION
ISOTOPIC LABELING
MARKING
TRACE ELEMENTS

TRACHEA

GS ANATOMY
RESPIRATORY SYSTEM
BRONCHIAL TUBE
TRACHEA
RT BRONCHI
∞ TUBES

TRACHYTE

GS ROCKS
IGNEOUS ROCKS
TRACHYTE
RT SOILS
SYENITE

∞ TRACING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DRAWINGS
TRACE CONTAMINANTS
TRACE ELEMENTS

TRACKED VEHICLES

GS SURFACE VEHICLES
MOTOR VEHICLES
TRACTORS
TRACKED VEHICLES
RT CRAWLER TRACTORS
∞ VEHICLES
VEHICULAR TRACKS

TRACKING (POSITION)

UF TRACKING STUDIES
GS **TRACKING (POSITION)**
COMPENSATORY TRACKING
INFRARED TRACKING
MISSILE TRACKING
OPTICAL TRACKING
PHOTOGRAPHIC TRACKING
POLYSTATION DOPPLER TRACKING
SYSTEM
PURSUIT TRACKING
RADAR TRACKING
RADIO TRACKING
WILDLIFE RADIOLOCATION
RANGE AND RANGE RATE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM

TRACKING (POSITION)-(CONT)

SPACECRAFT TRACKING
SATELLITE TRACKING
SATELLITE-TO-SATELLITE TRACKING
STAR TRACKERS
CCD STAR TRACKER
VIDEO LANDMARK ACQUISITION AND
TRACKING
RT AIR TRAFFIC CONTROL
AIRCRAFT DETECTION
APPROACH CONTROL
DETECTION
IDENTIFYING
INSTRUMENT LANDING SYSTEMS
LASER RANGER/TRACKER
MULTISPECTRAL TRACKING
TELESCOPES
POSITION (LOCATION)
RANGEFINDING
RAY TRACING
SATELLITE DOPPLER POSITIONING
SOLAR SENSORS
SOUND LOCALIZATION
SOUND RANGING
TRACKING PROBLEM
∞ TRACKS

TRACKING AND DATA RELAY SATELLITES

USE TDR SATELLITES

TRACKING ANTENNAS

USE DIRECTIONAL ANTENNAS

TRACKING FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
BANDPASS FILTERS
TRACKING FILTERS
ELECTRIC FILTERS
TRACKING FILTERS
RT ADAPTIVE FILTERS
BANDSTOP FILTERS
BANDWIDTH
PHASE LOCKED SYSTEMS
VIDEO LANDMARK ACQUISITION AND
TRACKING

TRACKING NETWORKS

GS **TRACKING NETWORKS**
DEEP SPACE NETWORK
GLOBAL TRACKING NETWORK
MANNED SPACE FLIGHT NETWORK
MATTS (SYSTEMS)
POLYSTATION DOPPLER TRACKING
SYSTEM
RADAR NETWORKS
SPACE DETECTION AND TRACKING
SYSTEM
SPACE FLIGHT TRACKING AND DATA
NETWORK
STDN (NETWORK)
RT ADVANCED RANGE INSTRUMENTATION
SHIP
DATA ACQUISITION
GROUND SUPPORT EQUIPMENT
MINITRACK SYSTEM
MISSILE TRACKING
∞ NETWORKS
ORION (RADIO INTERFEROMETRY
NETWORK)
SATELLITE TRACKING
SATELLITE-TO-SATELLITE TRACKING
SPACECRAFT TRACKING

TRACKING PROBLEM

RT AUTOMATIC CONTROL
CONTROL THEORY
FEEDBACK CONTROL
LINEAR SYSTEMS
NONLINEAR SYSTEMS
OPTIMAL CONTROL
OUTPUT
∞ PROBLEMS
TRACKING (POSITION)
TRAJECTORY CONTROL
TRAJECTORY OPTIMIZATION

TRACKING RADAR

GS RADAR
TRACKING RADAR
COBRA DANE (RADAR)
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
DIGITAL RADAR SYSTEMS
MONOPULSE RADAR
PULSE RADAR

NASA THESAURUS (VOLUME 1)

TRACKING RADAR-(CONT)

RADAR TRACKING
SATELLITE-BORNE RADAR
SEARCH RADAR
SURVEILLANCE RADAR
TRADEX RADAR SYSTEM
TRAJECTORY MEASUREMENT

TRACKING STATIONS

GS STATIONS
TRACKING STATIONS
DEEP SPACE INSTRUMENTATION
FACILITY
GLOBAL TRACKING NETWORK
POLYSTATION DOPPLER TRACKING
SYSTEM
SPACE DETECTION AND TRACKING
SYSTEM
STDN (NETWORK)
RT ∞ FENCES
GROUND STATIONS
GROUND SUPPORT EQUIPMENT
JODRELL BANK OBSERVATORY
∞ MARS
MINITRACK SYSTEM
MISSILE TRACKING
RADAR NETWORKS
SATELLITE TRACKING
SPACE FLIGHT TRACKING AND DATA
NETWORK
SPACECRAFT TRACKING

TRACKING STUDIES

USE TRACKING (POSITION)

∞ TRACKS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF TRAILS
RT CONVEYORS
GROUND TRACKS
METEOR TRAILS
MINITRACK SYSTEM
PARTICLE TRACKS
PARTICLE TRAJECTORIES
SMOKE TRAILS
TRACKING (POSITION)
VEHICULAR TRACKS

TRACTION

RT ADHESION
FRICTION
PULLING

TRACTORS

GS SURFACE VEHICLES
MOTOR VEHICLES
TRACTORS
CRAWLER TRACTORS
TRACKED VEHICLES
RT AGRICULTURE
ELECTRIC MOTOR VEHICLES
GROUND HANDLING
HANDLING EQUIPMENT
MATERIALS HANDLING
PLANTING
PLOWING
SLEDS
TOWING
TRANSPORTATION
TRUCKS
∞ VEHICLES

TRACTS

USE SITES

TRADEOFFS

RT DECISION MAKING
MANAGEMENT ANALYSIS
MANAGEMENT PLANNING

TRADER AIRCRAFT

USE C-1A AIRCRAFT

TRADESCANTIA

RT PLANTS (BOTANY)

TRADEX RADAR SYSTEM

GS RADAR
TRADEX RADAR SYSTEM
RT SEARCH RADAR
∞ SYSTEMS
TARGET RECOGNITION

NASA THESAURUS (VOLUME 1)

TRADEX RADAR SYSTEM-(CONT)

TRACKING RADAR

TRAFFIC

GS **TRAFFIC**
AIR TRAFFIC
RT ACCIDENTS
AVOIDANCE
HARBORS
TRANSPORTATION

TRAFFIC CONTROL

GS **TRAFFIC CONTROL**
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RADAR APPROACH CONTROL
RT AIR TRAFFIC CONTROLLERS
(PERSONNEL)
AIRPORT TOWERS
APPROACH CONTROL
AVOIDANCE
COLLISION AVOIDANCE
∞ CONTROL
GROUND BASED CONTROL
NATIONAL AVIATION SYSTEM

TRAGACANTH

GS PLANTS (BOTANY)
TRAGACANTH

TRAILBLAZER 1 REENTRY VEHICLE

UF TRAILBLAZER 1 ROCKET VEHICLE
GS REENTRY VEHICLES
TRAILBLAZER 1 REENTRY VEHICLE
RT HONEST JOHN ROCKET VEHICLE
LANCE MISSILE
MULTISTAGE ROCKET VEHICLES
NIKE-AJAX MISSILE
ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TRAILBLAZER 1 ROCKET VEHICLE

USE TRAILBLAZER 1 REENTRY VEHICLE

TRAILBLAZER 2 REENTRY VEHICLE

UF TRAILBLAZER 2 ROCKET VEHICLE
GS REENTRY VEHICLES
TRAILBLAZER 2 REENTRY VEHICLE
RT MULTISTAGE ROCKET VEHICLES
ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

TRAILBLAZER 2 ROCKET VEHICLE

USE TRAILBLAZER 2 REENTRY VEHICLE

TRAILERS

RT AUTOMOBILES
COUPLINGS
SLEDS
TANK TRUCKS
TOWED BODIES
TOWING
TRUCKS

TRAILING EDGE FLAPS

UF VARIABLE AREA WINGS
GS AIRFOILS
FLAPS (CONTROL SURFACES)
WING FLAPS
TRAILING EDGE FLAPS
BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
WING FLAPS
TRAILING EDGE FLAPS
AIRCRAFT BRAKES
WING FLAPS
TRAILING EDGE FLAPS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
WING FLAPS
TRAILING EDGE FLAPS
DRAG DEVICES
AERODYNAMIC BRAKES
WING FLAPS
TRAILING EDGE FLAPS
RT JET FLAPS
LEADING EDGE SLATS
SPLIT FLAPS
VORTEX FLAPS

TRAILING EDGES

GS EDGES
TRAILING EDGES

TRAILING EDGES-(CONT.)

BLUNT TRAILING EDGES
RT AIRFOILS
BLUNT LEADING EDGES
LEADING EDGES
VORTEX FLAPS

TRAILS

USE TRACKS

TRAINEES

USE STUDENTS

TRAINERS

USE TRAINING DEVICES

TRAINING

USE EDUCATION

TRAINING AIRCRAFT

GS **TRAINING AIRCRAFT**
ALPHA JET AIRCRAFT
CL-41 AIRCRAFT
DH 115 AIRCRAFT
G-91 AIRCRAFT
JAGUAR AIRCRAFT
JET PROVOST AIRCRAFT
L-29 JET TRAINER
T-2 AIRCRAFT
T-28 AIRCRAFT
T-33 AIRCRAFT
T-37 AIRCRAFT
T-38 AIRCRAFT
T-39 AIRCRAFT
TS-11 AIRCRAFT
RT ∞ AIRCRAFT
BOMBER AIRCRAFT
FIGHTER AIRCRAFT
GENERAL AVIATION AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
∞ SUBSONIC AIRCRAFT

TRAINING ANALYSIS

RT ∞ ANALYZING
∞ DEVELOPMENT
EDUCATION
HANDBOOKS
LEARNING
PERSONNEL DEVELOPMENT
PLANNING
RETRAINING

TRAINING DEVICES

UF AUDIO VISUAL EQUIPMENT
TRAINERS
GS **TRAINING DEVICES**
TEACHING MACHINES
RT ALTITUDE SIMULATION
CHILD DEVICE
COCKPIT SIMULATORS
∞ DEVICES
EDUCATION
EDUCATIONAL TELEVISION
FLIGHT SIMULATORS
ONBOARD EQUIPMENT
SIMULATORS
VISUAL AIDS

TRAINING EVALUATION

GS EVALUATION
TRAINING EVALUATION
RT CERTIFICATION
EXAMINATION
INSTRUCTORS
KNOWLEDGE
LEARNING
∞ PERFORMANCE
REVIEWING
SCHOOLS
STUDENTS

TRAINING SIMULATORS

UF SIMULATOR TRAINING
GS SIMULATORS
TRAINING SIMULATORS
FLIGHT SIMULATORS
COCKPIT SIMULATORS
SPACECRAFT CABIN SIMULATORS
RT ASTRONAUT TRAINING
CENTRIFUGES
CONTROL SIMULATION
FLIGHT SIMULATION

TRAJECTORY MEASUREMENT

TRAINING SIMULATORS-(CONT)

FLIGHT TRAINING
LANDING SIMULATION
LUNAR ORBIT AND LANDING
SIMULATORS
∞ MISSILE SIMULATORS
PILOT TRAINING
SPACE FLIGHT TRAINING

TRAJECTORIES

GS **TRAJECTORIES**
ABORT TRAJECTORIES
ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
DESCENT TRAJECTORIES
REENTRY TRAJECTORIES
HYPERBOLIC TRAJECTORIES
INTERORBITAL TRAJECTORIES
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
MOLECULAR TRAJECTORIES
PARTICLE TRAJECTORIES
ELECTRON TRAJECTORIES
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
SPACECRAFT TRAJECTORIES
EARTH-VENUS TRAJECTORIES
INTERPLANETARY TRAJECTORIES
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
EARTH-MOON TRAJECTORIES
MOON-EARTH TRAJECTORIES
SPINNING UNGUIDED ROCKET
TRAJECTORY
UNDERWATER TRAJECTORIES
RT APEXES
BALLISTICS
∞ CURVES
DOWNRANGE
EQUATIONS OF MOTION
∞ FLIGHT
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT PATHS
FLIGHT TIME
GREAT CIRCLES
MISSILES
ORBITS
ORDNANCE
PARABOLIC FLIGHT
∞ PATHS
ROCKET FLIGHT
SPACE FLIGHT
TRANSFER ORBITS

TRAJECTORY ANALYSIS

RT ∞ ANALYZING
ASTRODYNAMICS
BALLISTICS
CAPTURE EFFECT
CELESTIAL MECHANICS
EQUATIONS OF MOTION
GODDARD TRAJECTORY
DETERMINATION SYSTEM
IMPACT PREDICTION
MATHEMATICAL MODELS
NUMERICAL ANALYSIS
ORBITAL MECHANICS
PREFLIGHT ANALYSIS
SYSTEMS ANALYSIS

TRAJECTORY CONTROL

UF RANGE CONTROL
GS **TRAJECTORY CONTROL**
TRAJECTORY OPTIMIZATION
RT ATTITUDE CONTROL
∞ CONTROL
DRIFT RATE
GUIDANCE (MOTION)
HOMING DEVICES
LANDING SITES
OPTIMAL CONTROL
OPTIMIZATION
POST BOOST PROPULSION SYSTEM
RANGE SAFETY
THRUST PROGRAMMING
TRACKING PROBLEM

TRAJECTORY MEASUREMENT

RT BALLISTIC CAMERAS
BALLISTICS
FLIGHT MECHANICS

TRAJECTORY OPTIMIZATION

TRAJECTORY MEASUREMENT-(CONT)

∞ MEASUREMENT
TELEMETRY
TRACKING RADAR

TRAJECTORY OPTIMIZATION

GS OPTIMIZATION
TRAJECTORY OPTIMIZATION
TRAJECTORY CONTROL
TRAJECTORY OPTIMIZATION
RT AIRCRAFT MANEUVERS
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
GODDARD TRAJECTORY
DETERMINATION SYSTEM
TRACKING PROBLEM

TRANQUILIZERS

GS DRUGS
TRANQUILIZERS
RT CENTRAL NERVOUS SYSTEM
DEPRESSANTS
HYPERTENSION
SEDATIVES

TRANSALL C-160 AIRCRAFT

USE C-160 AIRCRAFT

TRANSATMOSPHERIC VEHICLES

RT AEROSPACE VEHICLES
AEROSPACEPLANES
∞ AIRCRAFT
AIRCRAFT DESIGN
∞ SPACECRAFT
SPACECRAFT DESIGN

TRANSCIEVERS

USE TRANSMITTER RECEIVERS

TRANSCENDENTAL FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
EXPONENTIAL FUNCTIONS
LOGARITHMS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS

TRANSCONTINENTAL SYSTEMS

RT CONTINENTS
∞ SYSTEMS
TELECOMMUNICATION
TRANSPORTATION

TRANSDUCERS

GS TRANSDUCERS
DIGITAL TRANSDUCERS
ELECTRONIC TRANSDUCERS
IMAGE TRANSDUCERS
INTERDIGITAL TRANSDUCERS
MAGNETIC TRANSDUCERS
MODE TRANSFORMERS
PIEZOELECTRIC TRANSDUCERS
PIEZOELECTRIC GAGES
PIEZORESISTIVE TRANSDUCERS
PIEZOELECTRIC GAGES
PRESSURE SENSORS
BOURDON TUBES
QUARTZ TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
HYDROPHONES
LOUDSPEAKERS
MICROPHONES
THERMOPILES
TORQUERS
ULTRASONIC WAVE TRANSDUCERS
RT BULK ACOUSTIC WAVE DEVICES
CONTROL EQUIPMENT
∞ CONVERTERS
DATA CONVERTERS
∞ DETECTORS
ENERGY CONVERSION EFFICIENCY
EXTENSOMETERS
FORM FACTORS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
PHOTOELECTRIC CELLS
∞ PROBES
RECORDING INSTRUMENTS

TRANSDUCERS-(CONT)

REMOTE SENSORS
∞ SENSORS
STRAIN GAGES
TEMPERATURE MEASURING
INSTRUMENTS
ULTRASONIC CLEANING
VIBRATION METERS

TRANSEARTH INJECTION

GS INJECTION
TRANSEARTH INJECTION
RT INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL MECHANICS
TRANSFER ORBITS

TRANSEQUATORIAL PROPAGATION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
TRANSEQUATORIAL PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
TRANSEQUATORIAL PROPAGATION
WAVE PROPAGATION
TRANSEQUATORIAL PROPAGATION
RT EQUATORS
F 2 REGION
∞ PROPAGATION

TRANSFER

USE TRANSFERRING

TRANSFER FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
TRANSFER FUNCTIONS
MODULATION TRANSFER FUNCTION
OPTICAL TRANSFER FUNCTION
RT AMPLIFICATION
AUTOMATIC CONTROL
BANDWIDTH
COUPLING COEFFICIENTS
DAMPING
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FEEDBACK
FEEDBACK CIRCUITS
HIGH GAIN
IMPEDANCE MATCHING
LOGARITHMIC RECEIVERS
NEGATIVE FEEDBACK
NONLINEAR FEEDBACK
NYQUIST DIAGRAM
OUTPUT
POSITIVE FEEDBACK
SELF OSCILLATION
SENSITIVITY
∞ SYSTEMS
TIME CONSTANT
TRANSIENT RESPONSE

TRANSFER OF TRAINING

GS LEARNING
TRANSFER OF TRAINING
RT ABILITIES
EDUCATION
GENERALIZATION (PSYCHOLOGY)

TRANSFER ORBITS

UF HOHMANN TRAJECTORIES
HOHMANN TRANSFER ORBITS
ORBITAL TRANSFER
GS ORBITS
ELLIPTICAL ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER
ORBITS
SPACECRAFT ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER
ORBITS
RT AEROASSIST
AEROBRACING
AEROCAPTURE
AEROMANEUVERING
CIRCUMLUNAR TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON TRAJECTORIES
EARTH-VENUS TRAJECTORIES
INTERPLANETARY TRAJECTORIES

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TRANSFER ORBITS-(CONT)

LUNAR ORBITS
LUNAR TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBITAL LAUNCHING
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
SATELLITE ORBITS
SOLAR ORBITS
SPACE RENDEZVOUS
SPACECRAFT DOCKING
TRAJECTORIES
TRANSEARTH INJECTION
TRANSFERRING
TRANSLUNAR INJECTION

TRANSFER TUNNELS

GS PASSAGEWAYS
TRANSFER TUNNELS
RT ENTRANCES
∞ TUNNELS

TRANSFERRED ELECTRON DEVICES

UF TED
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSFERRED ELECTRON DEVICES
RT ELECTRON TRANSFER
GALLIUM ARSENIDES
INDIUM PHOSPHIDES
MICROWAVE AMPLIFIERS
MICROWAVE OSCILLATORS

TRANSFERRING

UF TRANSFER
GS TRANSFERRING
DROP TRANSFER
RT CHARGE TRANSFER
ELECTRON TRANSFER
ENERGY TRANSFER
EXCHANGING
HEAT TRANSFER
MASS TRANSFER
MATERIALS HANDLING
MOMENTUM TRANSFER
∞ SHIFT
TECHNOLOGY TRANSFER
TRANSFER ORBITS
TRANSPORTATION

TRANSFORM INTEGRALS

USE INTEGRAL TRANSFORMATIONS

TRANSFORMATION TENSORS

USE TENSORS

∞ TRANSFORMATIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
ORDER-DISORDER TRANSFORMATIONS
PHASE TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)

TRANSFORMATIONS (MATHEMATICS)

UF TRANSFORMS
GS TRANSFORMATIONS (MATHEMATICS)
COORDINATE TRANSFORMATIONS
FOURIER-BESSEL TRANSFORMATIONS
HOUSEHOLDER TRANSFORMATIONS
INTEGRAL TRANSFORMATIONS
FAST FOURIER TRANSFORMATIONS
LAPLACE TRANSFORMATION
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
GAUGE INVARIANCE
RACA COEFFICIENT
∞ TRANSFORMATIONS

TRANSFORMERS

GS TRANSFORMERS
INSTRUMENT TRANSFORMERS
MODE TRANSFORMERS
VOLTAGE CONVERTERS (AC TO AC)
RT AMPLIFIERS
BALLASTS (IMPEDANCES)
CIRCUIT PROTECTION
∞ CONVERTERS
COUPLING CIRCUITS
DIPLEXERS
ELECTRIC COILS

TRANSFORMERS-(CONT)

ELECTRIC FILTERS
ELECTRIC MOTORS
ELECTRIC REACTORS
ELECTRICAL GROUNDING
INDUCTANCE
MAGNET COILS
MAGNETIC CIRCUITS
MAGNETIC CORES
OSCILLATORS
PHASE CONTROL
PLASMA CONTROL
POWER SUPPLY CIRCUITS
RESOLVERS
SATURABLE REACTORS
SOLID STATE DEVICES
TOROIDS
UP-CONVERTERS
VOLTAGE REGULATORS

TRANSFORMS

USE TRANSFORMATIONS (MATHEMATICS)

TRANSFUSION

RT BLOOD
FIRST AID
MEDICAL SCIENCE
SYRINGES
VEINS

TRANSGRANULAR CORROSION

GS CHEMICAL ATTACK
TRANSGRANULAR CORROSION
CORROSION
RT **TRANSGRANULAR CORROSION**
CORROSION TESTS
INTERGRANULAR CORROSION
METAL FATIGUE
PROTECTIVE COATINGS
STRESS CORROSION

TRANSORIZON RADIO PROPAGATION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
TRANSORIZON RADIO PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
TRANSORIZON RADIO PROPAGATION
RT RADIO ATTENUATION
RADIO SIGNALS

TRANSIENT HEATING

GS HEATING
TRANSIENT HEATING
PULSE HEATING
SHOCK HEATING
RT AERODYNAMIC HEATING

TRANSIENT LOADS

SN (LIMITED TO FORCE LOADS)
GS LOADS (FORCES)
DYNAMIC LOADS
TRANSIENT LOADS
GUST LOADS
IMPACT LOADS
LANDING LOADS
SHOCK LOADS
BLAST LOADS
RT AERODYNAMIC LOADS
CYCLIC LOADS
RANDOM LOADS
STRUCTURAL DESIGN CRITERIA

TRANSIENT OSCILLATIONS

GS OSCILLATIONS
TRANSIENT OSCILLATIONS
RT DAMPING
ELECTRON OSCILLATIONS
LASERS
MASERS
PILOT INDUCED OSCILLATION
STIMULATED EMISSION DEVICES
TRANSVERSE OSCILLATION
VIBRATIONAL SPECTRA

TRANSIENT PRESSURES

GS PRESSURE
TRANSIENT PRESSURES
RT MASS FLOW RATE
PRESSURE
PRESSURE SENSORS

TRANSIENT REACTOR TEST FACILITY

UF TREAT (TEST FACILITY)
GS TEST FACILITIES
TRANSIENT REACTOR TEST FACILITY
RT NUCLEAR RESEARCH AND TEST
REACTORS
REACTOR SAFETY
SNAP

TRANSIENT RESPONSE

GS DYNAMIC CHARACTERISTICS
TRANSIENT RESPONSE
RESPONSES
DYNAMIC RESPONSE
TRANSIENT RESPONSE
RT AMPLIFICATION
 ∞ COMPENSATION
DAMPING
DYNAMIC STABILITY
IMPEDANCE
PRESSURE SENSORS
RESONANT FREQUENCIES
RESPONSE BIAS
SENSITIVITY
STROKING TESTS
TIME CONSTANT
TRANSFER FUNCTIONS

TRANSIENTS (SURGES)

USE SURGES

TRANSISTOR AMPLIFIERS

GS AMPLIFIERS
TRANSISTOR AMPLIFIERS
ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTOR AMPLIFIERS
RT CURRENT AMPLIFIERS
DIFFERENTIAL AMPLIFIERS
FEEDBACK AMPLIFIERS
INTERMEDIATE FREQUENCY AMPLIFIERS
OPERATIONAL AMPLIFIERS
POWER AMPLIFIERS
PREAMPLIFIERS
TRANSISTORS

TRANSISTOR CIRCUITS

GS CIRCUITS
TRANSISTOR CIRCUITS
RT DTL INTEGRATED CIRCUITS
 ∞ ELECTRONICS
HYBRID CIRCUITS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
LOGIC CIRCUITS
MICROELECTRONICS
PRINTED CIRCUITS
TTL INTEGRATED CIRCUITS

TRANSISTOR LOGIC

RT BOOLEAN ALGEBRA
 ∞ LOGIC
LOGIC CIRCUITS
LOGIC DESIGN
THRESHOLD LOGIC

TRANSISTOR-TRANSISTOR-LOGIC INTEG CIRCUITS

USE TTL INTEGRATED CIRCUITS

TRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
BIPOLAR TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
HIGH ELECTRON MOBILITY
TRANSISTORS
JUNCTION TRANSISTORS
JFET
PHOTOTRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
RT GERMANIUM DIODES
ION IMPLANTATION
MINIATURIZATION
PENTODES
SIS (SEMICONDUCTORS)
TETRODES
TRANSISTOR AMPLIFIERS
TRAPATT DEVICES

TRANSISTORS-(CONT)

TRIODES

 ∞ TRANSIT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT OCCULTATION
TRANSIT SATELLITES
TRANSITS

TRANSIT ATTITUDE CONTROL SATELLITE

UF TRAAC SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
TRANSIT ATTITUDE CONTROL SATELLITE
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
TRANSIT ATTITUDE CONTROL SATELLITE
RT ∞ CONTROL
SATELLITE ATTITUDE CONTROL

TRANSIT NAVIGATION SYSTEM

GS SATELLITE NAVIGATION SYSTEMS
TRANSIT NAVIGATION SYSTEM
RT NASA PROGRAMS
NAVIGATION SATELLITES
NOVA SATELLITES
TRANSIT SATELLITES

TRANSIT SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
TRANSIT SATELLITES
UNMANNED SPACECRAFT
NAVIGATION SATELLITES
TRANSIT SATELLITES
RT DISCOS (SATELLITE ATTITUDE
CONTROL)
 ∞ TRANSIT
TRANSIT NAVIGATION SYSTEM

TRANSIT TIME

SN (NOT LIMITED TO ASTRONOMICAL
TIMES OF TRANSIT)
GS TIME
RT **TRANSIT TIME**
BARRITT DIODES
CATT DEVICES
FLIGHT TIME
 ∞ MOTION

 ∞ TRANSITION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
ELECTRON TRANSITIONS
FORBIDDEN TRANSITIONS
PHASE TRANSFORMATIONS

TRANSITION FLOW

GS FLUID FLOW
GAS FLOW
MOLECULAR FLOW
TRANSITION FLOW
RT BOUNDARY LAYER TRANSITION
FREE MOLECULAR FLOW
RAREFIED GAS DYNAMICS
SLIP FLOW

 ∞ TRANSITION LAYERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
INTERLAYERS
LAMINAR FLOW
PLASMA LAYERS
SHEAR LAYERS
SHOCK LAYERS
SHOCK WAVES
SURFACE LAYERS
TURBULENT FLOW

TRANSITION METALS

GS METALS
TRANSITION METALS
CADMIUM
CADMIUM ISOTOPES

TRANSITION POINTS

TRANSITION METALS-(CONT)

COBALT
COBALT ISOTOPES
COBALT 58
COBALT 60
GOLD
GOLD ISOTOPES
GOLD 198
HAFNIUM
HAFNIUM ISOTOPES
IRON
IRON ISOTOPES
IRON 57
IRON 58
IRON 59
MANGANESE
MANGANESE ISOTOPES
NICKEL
NICKEL ISOTOPES
PALLADIUM
PLATINUM
PLATINUM BLACK
PLATINUM ISOTOPES
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RHODIUM
RHODIUM ISOTOPES
RUTHENIUM
RUTHENIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
SILVER
SILVER ISOTOPES
TECHNETIUM
TECHNETIUM ISOTOPES
TITANIUM
TITANIUM ISOTOPES
VANADIUM
VANADIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES
ZINC
ZINC ISOTOPES
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
RT ACTINIDE SERIES
COMPLEX COMPOUNDS
METAL NITRIDES
PALLADIUM COMPOUNDS
RARE EARTH ELEMENTS
RUTHENIUM COMPOUNDS
SHAPE MEMORY ALLOYS
TRANSURANIUM ELEMENTS

TRANSITION POINTS

RT BOUNDARY LAYER TRANSITION
 ∞ EQUILIBRIUM
KNUDSEN FLOW
PHASE DIAGRAMS
REYNOLDS NUMBER

TRANSITION PRESSURE

GS PRESSURE
TRANSITION PRESSURE
RT HIGH PRESSURE
HYDROSTATIC PRESSURE
PHASE TRANSFORMATIONS
PRESSURE EFFECTS

TRANSITION PROBABILITIES

RT ELECTRON TRANSITIONS
EXCITATION
FERMI SURFACES
NUCLEAR CAPTURE
PROBABILITY THEORY
SPECTRA

TRANSITION TEMPERATURE

GS TEMPERATURE

TRANSITION TEMPERATURE-(CONT)

RT HEAT OF FUSION
KONDO EFFECT
LIQUID PHASES
MELTING POINTS
PHASE DIAGRAMS
PHASE TRANSFORMATIONS
SOLIDIFICATION
SUPERCONDUCTING POWER
TRANSMISSION
SUPERCONDUCTIVITY

TRANSITS

SN (EXCLUDES PARTIAL OR TOTAL
OCCULTATION OF ONE BODY BY
ANOTHER)
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
TRANSITS
THEODOLITES
CINETHODOLITES
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
TRANSITS
THEODOLITES
CINETHODOLITES
RT COMPASSES
SEXTANTS
 ∞ TRANSIT

TRANSLATING

GS TRANSLATING
MACHINE TRANSLATION
RT DECODING
DOCUMENTATION
 ∞ INTERPRETATION
LANGUAGES
TECHNICAL WRITING
 ∞ TRANSLATORS

TRANSLATIONAL MOTION

GS TRANSLATIONAL MOTION
KARMAN-BODEWADT FLOW
THREE DIMENSIONAL MOTION
THREE DIMENSIONAL FLOW
SECONDARY FLOW
RT ∞ MOTION
RACKS (GEARS)
RIGID STRUCTURES

∞ TRANSLATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT COMPUTER PROGRAMS
DECODERS
DIGITAL TO VOICE TRANSLATORS
LANGUAGE PROGRAMMING
REPEATERS
TRANSLATING

TRANSLUCENCE

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSLUCENCE
RT LIGHT TRANSMISSION
OPACITY
OPTICAL DENSITY
TRANSMISSIVITY
TRANSPARENCE

TRANSLUNAR INJECTION

GS INJECTION
TRANSLUNAR INJECTION
RT INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL MECHANICS
TRANSFER ORBITS

TRANSLUNAR SPACE

USE INTERPLANETARY SPACE

TRANSMISSION

UF COAXIAL TRANSMISSION
GS TRANSMISSION
ACOUSTIC PROPAGATION
DEMULPLEXING
ELECTRIC POWER TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
LIGHT SCATTERING
HALOS
RADAR TRANSMISSION

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TRANSMISSION-(CONT)

RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SPREAD SPECTRUM TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSHORIZON RADIO
PROPAGATION
SCATTER PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
TELEVISION TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
RADIATIVE HEAT TRANSFER
TURBULENT HEAT TRANSFER
MULTIPLEXING
CODE DIVISION MULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
TIME DIVISION MULTIPLEXING
WAVELENGTH DIVISION
MULTIPLEXING
SELF PROPAGATION
SIGNAL TRANSMISSION
DATA TRANSMISSION
AUTOMATIC PICTURE
TRANSMISSION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
SINGLE CHANNEL PER CARRIER
TRANSMISSION
PCM TELEMETRY
RADAR TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSHORIZON RADIO
PROPAGATION
SATELLITE TRANSMISSION
TELEVISION TRANSMISSION
SOUND TRANSMISSION
STRESS PROPAGATION
TELEPHONY
WAVE PROPAGATION
DIFFRACTION PROPAGATION
GROUND WAVE PROPAGATION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
LIGHT SCATTERING
HALOS
SCATTER PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
SHOCK WAVE PROPAGATION
TRANSEQUATORIAL PROPAGATION
RT ABSORPTANCE
ALOHA SYSTEM
ATMOSPHERIC ATTENUATION
ATTENUATION
BROADCASTING
 ∞ CONDUCTION
DIFFRACTION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC RADIATION
OPTICAL FILTERS
OUTPUT
 ∞ PROPAGATION
RADAR ATTENUATION
RADIO ATTENUATION
REFLECTION

TRANSMISSION-(CONT)

REFRACTION
SIGNAL REFLECTION
TELECOMMUNICATION
TRANSMISSIVITY
TRANSMITTANCE
WAVE DISPERSION

TRANSMISSION CIRCUITS

GS CIRCUITS
RT TRANSMISSION CIRCUITS
CIRCUIT PROTECTION
ELECTRIC POWER TRANSMISSION
SIGNAL STABILIZATION
STRIP TRANSMISSION LINES
TELECOMMUNICATION

TRANSMISSION EFFICIENCY

GS EFFICIENCY
RT TRANSMISSION EFFICIENCY
ALOHA SYSTEM
ATTENUATION COEFFICIENTS
BIT ERROR RATE
CARRIER TO NOISE RATIOS
DATA TRANSMISSION
DOWNLINKING
ELECTROMAGNETIC WAVE
TRANSMISSION
FREQUENCY HOPPING
INTERSYMBOLIC INTERFERENCE
NETWORK CONTROL
OPACITY
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
POWER EFFICIENCY
SIGNAL TRANSMISSION
TRANSMITTANCE
UPLINKING

TRANSMISSION FLUIDS

RT FLUID TRANSMISSION LINES
∞ FLUIDS
HYDRAULIC FLUIDS
WORKING FLUIDS

TRANSMISSION LINES

UF TRUNKS (LINES)
GS TRANSMISSION LINES
COMMUNICATION CABLES
COAXIAL CABLES
WAVEGUIDES
BEAM WAVEGUIDES
CIRCULAR WAVEGUIDES
OPTICAL WAVEGUIDES
PLASMA GUIDES
RECTANGULAR WAVEGUIDES
FLUID TRANSMISSION LINES
POWER LINES
STRIP TRANSMISSION LINES
MICROSTRIP TRANSMISSION LINES
SUBMARINE CABLES
UNDERGROUND TRANSMISSION LINES
RT ACOUSTIC DELAY LINES
ANTENNA COUPLERS
ANTENNA FEEDS
BACKWARD WAVES
∞ CABLES
CIRCUIT PROTECTION
CIRCUITS
DELTA ANTENNAS
DIRECTIONAL COUPLERS
DISTRIBUTED AMPLIFIERS
ELECTRIC CONDUCTORS
ELECTRIC CURRENT
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
ELECTRICAL ENGINEERING
ELECTRIFICATION
HARNESSES
IMPEDANCE MATCHING
INSULATORS
∞ LINES
MODE TRANSFORMERS
∞ NETWORKS
NONRESONANCE
SMITH CHART
STANDING WAVE RATIOS
SUPERCONDUCTING POWER
TRANSMISSION
TELECOMMUNICATION
WIRING

TRANSMISSION LOSS

RT ATTENUATION
CURRENT REGULATORS

TRANSMISSION LOSS-(CONT)

ELECTRIC POWER TRANSMISSION
INSERTION
INSERTION LOSS
LOSSES
LOSSY MEDIA
SILENCE
VOLTAGE REGULATORS
WAVE DISPERSION

TRANSMISSIONS (MACHINE ELEMENTS)

GS MECHANICAL DRIVES
TRANSMISSIONS (MACHINE ELEMENTS)
RT GEARS
SHAFTS (MACHINE ELEMENTS)
TORQUE CONVERTERS
TORQUE MOTORS
VEHICLE WHEELS

TRANSMISSIVITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSMISSIVITY
RT ABSORPTANCE
ABSORPTIVITY
DENSITY (MASS/VOLUME)
LIGHT SCATTERING
OPACITY
∞ PHYSICAL PROPERTIES
TRANSLUCENCE
TRANSMISSION
TRANSMITTANCE
TRANSPARENCE
TRANSPONDERS
VISIBILITY

TRANSMISSOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
TRANSMISSOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
TRANSMISSOMETERS
RT DENSITOMETERS
PHOTOMETERS
RADIANCE
TELEPHOTOMETRY
TRANSMITTANCE

TRANSMITTANCE

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSMITTANCE
RT ABSORPTANCE
ATTENUATION COEFFICIENTS
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
LIGHT (VISIBLE RADIATION)
OPTICAL DENSITY
PHOTOMETRY
RAY TRACING
REFLECTANCE
SCATTERING
TRANSMISSION
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSMISSOMETERS
TRANSPARENCE

TRANSMITTER RECEIVERS

UF TRANSCIEVERS
GS COMMUNICATION EQUIPMENT
RADIO RECEIVERS
TRANSMITTER RECEIVERS
RADIO EQUIPMENT
RADIO RECEIVERS
TRANSMITTER RECEIVERS
RADIO TRANSMITTERS
TRANSMITTER RECEIVERS
TRANSMITTERS
RADIO TRANSMITTERS
TRANSMITTER RECEIVERS
RT INTERROGATION
TRANSPONDERS

TRANSMITTERS

UF SENDERS
GS TRANSMITTERS
EMERGENCY LOCATOR
TRANSMITTERS
INSTRUMENT TRANSMITTERS
RADAR TRANSMITTERS
RADIO TRANSMITTERS

TRANSMITTERS-(CONT)

RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIOMETEOROLOGRAPHY
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RADIOTELEPHONES
SONOBUOYS
TRANSMITTER RECEIVERS
REPEATERS
RT ANTENNAS
ATTENUATION
DUPLEXERS
∞ INSTRUMENTS
MICROPHONES
RECEIVERS
SIGNAL ENCODING
TELECOMMUNICATION
TELEVISION TRANSMISSION
TRANSPONDERS

TRANSMUTATION

RT NEUTRON IRRADIATION
NUCLEAR REACTIONS
RADIOGENIC MATERIALS

TRANSOCEANIC COMMUNICATION

GS TELECOMMUNICATION
TRANSOCEANIC COMMUNICATION
TRANSOCEANIC SYSTEMS
TRANSOCEANIC COMMUNICATION
RT FACSIMILE COMMUNICATION
RADIO COMMUNICATION
RELAY SATELLITES

TRANSOCEANIC FLIGHT

RT ∞ FLIGHT

TRANSOCEANIC SYSTEMS

GS TRANSOCEANIC SYSTEMS
TRANSOCEANIC COMMUNICATION
RT INTERCONTINENTAL BALLISTIC MISSILES
OCEAN DATA ACQUISITIONS SYSTEMS
∞ SYSTEMS
TELECOMMUNICATION
TRANSPORTATION
WORLD DATA CENTERS

TRANSONIC AIRCRAFT

USE SUPERSONIC AIRCRAFT

TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM

USE TACT PROGRAM

TRANSONIC COMPRESSORS

GS COMPRESSORS
TRANSONIC COMPRESSORS
RT SUPERSONIC COMPRESSORS
TURBOCOMPRESSORS

TRANSONIC FLIGHT

RT ∞ FLIGHT
ROCKET FLIGHT
SONIC BOOMS
SUPERSONIC FLIGHT

TRANSONIC FLOW

UF SONIC FLOW
TRANSONICS
GS FLUID FLOW
COMPRESSIBLE FLOW
TRANSONIC FLOW
RT AERODYNAMICS
COMPRESSIBILITY EFFECTS
∞ FLOW
FLOW VELOCITY
GAS FLOW
NOZZLE FLOW
SHOCK WAVES
SONIC NOZZLES
SUBSONIC FLOW
SUPERSONIC FLOW
TRISONIC WIND TUNNELS
WIND TUNNELS

TRANSONIC FLUTTER

GS VIBRATION
STRUCTURAL VIBRATION
FLUTTER
TRANSONIC FLUTTER
SELF INDUCED VIBRATION

TRANSONIC INLETS

TRANSONIC FLUTTER-(CONT)

TRANSONIC FLUTTER

RT MISSILE VIBRATION
SUBSONIC FLUTTER
SUPERSONIC FLUTTER

TRANSONIC INLETS

USE SUPERSONIC INLETS

TRANSONIC NOZZLES

RT CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
HYPERSONIC NOZZLES
∞ NOZZLES
SONIC NOZZLES
SUPERSONIC NOZZLES
WIND TUNNEL NOZZLES

TRANSONIC SPEED

GS RATES (PER TIME)
TRANSONIC SPEED
VELOCITY
RT ACOUSTIC VELOCITY
SUBSONIC SPEED
SUPERSONIC SPEEDS

TRANSONIC TURBINES

USE SUPERSONIC TURBINES

TRANSONIC WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
TRANSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
SLOTTED WIND TUNNELS
SUBSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
WING FLOW METHOD TESTS

TRANSONICS

USE TRANSONIC FLOW

TRANSPARENCE

UF TRANSPARENT MATERIALS
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSPARENCE
RT ABSORPTANCE
ABSORPTIVITY
ATMOSPHERIC OPTICS
CLARITY
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
HAZE
LIGHT TRANSMISSION
OPACITY
OPTICAL DENSITY
RADOME MATERIALS
TRANSLUCENCE
TRANSMISSIVITY
TRANSMITTANCE
TURBIDITY

TRANSPARENT MATERIALS

USE TRANSPARENCE

TRANSPIRATION

UF FLUID TRANSPARATION
GS PHASE TRANSFORMATIONS
VAPORIZING
EVAPORATION
TRANSPARATION
RT COOLING
COOLING SYSTEMS
EVANESCENCE
EVAPOTRANSPIRATION
EVOLUTION (LIBERATION)
GAS EVOLUTION
MASS TRANSFER
MOLECULAR FLOW
OUTGASSING
PERMEATING
PERSPIRATION
TEMPERATURE CONTROL

TRANSPARATION COOLING

USE SWEAT COOLING

TRANSPARATION

RT CLINICAL MEDICINE
HEART IMPLANTATION
SURGERY

TRANSPONDER CONTROL GROUP

UF TCG (TRACKING)
RT ∞ CONTROL
RADAR TRACKING
SATELLITE TRACKING
SPACECRAFT TRACKING
TELEMETRY
TRANSPONDERS

TRANSPONDERS

UF RESPONDERS
GS RADIO EQUIPMENT
TRANSPONDERS
RT AIR TRAFFIC CONTROL
BEACON COLLISION AVOIDANCE
SYSTEM
INTERROGATION
RADAR BEACONS
RADAR EQUIPMENT
RADIO RECEIVERS
RADIO TRANSMITTERS
TRANSMISSIVITY
TRANSMITTER RECEIVERS
TRANSMITTERS
TRANSPONDER CONTROL GROUP

TRANSPORT AIRCRAFT

GS TRANSPORT AIRCRAFT
A-300 AIRCRAFT
ALADIN 2 AIRCRAFT
AN-2 AIRCRAFT
AN-22 AIRCRAFT
AN-24 AIRCRAFT
ARGOSY MK-1 AIRCRAFT
BAC 111 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 777 AIRCRAFT
CARGO AIRCRAFT
BREGUET 941 AIRCRAFT
C-1A AIRCRAFT
C-2 AIRCRAFT
C-5 AIRCRAFT
C-9 AIRCRAFT
C-46 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-119 AIRCRAFT
C-121 AIRCRAFT
C-123 AIRCRAFT
C-124 AIRCRAFT
C-130 AIRCRAFT
C-131 AIRCRAFT
C-133 AIRCRAFT
C-135 AIRCRAFT
C-140 AIRCRAFT
C-141 AIRCRAFT
C-160 AIRCRAFT
CL-44 AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
F-27 AIRCRAFT
P-166 AIRCRAFT
SPANLOADER AIRCRAFT
YC-14 AIRCRAFT
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH 54 HELICOPTER
CL-84 AIRCRAFT
CL-823 AIRCRAFT
CONCORDE AIRCRAFT
CV-880 AIRCRAFT
DC 8 AIRCRAFT
DC 9 AIRCRAFT
DC 10 AIRCRAFT
DH 121 AIRCRAFT
DH 125 AIRCRAFT
DHC 2 AIRCRAFT
DHC 4 AIRCRAFT
DHC 5 AIRCRAFT
DO-31 AIRCRAFT
EC-121 AIRCRAFT
ELECTRA AIRCRAFT
F-28 TRANSPORT AIRCRAFT
G-1 AIRCRAFT
G-222 AIRCRAFT

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TRANSPORT AIRCRAFT-(CONT)

H-19 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
HC-3 HELICOPTER
HFB-320 AIRCRAFT
IL-14 AIRCRAFT
L-1011 AIRCRAFT
L-2000 AIRCRAFT
LIGHT INTRATHEATER TRANSPORT
LIGHT TRANSPORT AIRCRAFT
LOCKHEED MODEL 18 AIRCRAFT
MH-262 AIRCRAFT
MYSTERE 20 AIRCRAFT
S-58 HELICOPTER
S-61 HELICOPTER
SA-330 HELICOPTER
SC-5 AIRCRAFT
SC-7 AIRCRAFT
SH-3 HELICOPTER
SH-4 HELICOPTER
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS
A-310 AIRCRAFT
A-320 AIRCRAFT
MERCURE AIRCRAFT
TANKER AIRCRAFT
TU-124 AIRCRAFT
TU-144 AIRCRAFT
TU-154 AIRCRAFT
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
VC-10 AIRCRAFT
VISCOUNT AIRCRAFT
XC-142 AIRCRAFT
YS-11 AIRCRAFT
RT AIR TRANSPORTATION
∞ AIRCRAFT
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
∞ LOW WING AIRCRAFT
∞ MILITARY AIRCRAFT
MYSTERE 50 AIRCRAFT
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
∞ SUBSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
∞ TRANSPORT VEHICLES
TURBOFAN AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

TRANSPORT COEFFICIENTS

USE TRANSPORT PROPERTIES

TRANSPORT PROPERTIES

UF TRANSPORT COEFFICIENTS
GS TRANSPORT PROPERTIES
ATMOSPHERIC CONDUCTIVITY
IONOSPHERIC CONDUCTIVITY
CARRIER MOBILITY
ELECTRON MOBILITY
HOLE MOBILITY
DIFFUSION COEFFICIENT
SORET COEFFICIENT
ELECTRICAL RESISTIVITY
IONOSPHERIC CONDUCTIVITY
MAGNETORESISTIVITY
PHOTOCONDUCTIVITY
PLASMA CONDUCTIVITY
SUPERCONDUCTIVITY
KONDO EFFECT
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
IONIC MOBILITY
THERMAL CONDUCTIVITY
THERMAL DIFFUSIVITY
VISCOSITY
EDDY VISCOSITY
GAS VISCOSITY
RT BINARY FLUIDS
BOLTZMANN TRANSPORT EQUATION
∞ CONDUCTIVITY
DIFFUSION
FLOW COEFFICIENTS
HALL EFFECT
HEAT TRANSFER
HIGH TEMPERATURE TESTS
KINETIC THEORY

NASA THESAURUS (VOLUME 1)

TRANSPORT PROPERTIES-(CONT)

LIGHTHILL GAS MODEL
MOBILITY
∞ PHYSICAL PROPERTIES
POLLUTION TRANSPORT
∞ PROPERTIES
RADIATION TRANSPORT
SEEBECK EFFECT
∞ SOLID STATE PHYSICS
THERMOELECTRICITY

TRANSPORT THEORY

GS KINETIC THEORY
TRANSPORT THEORY
EYRING THEORY
MIXING LENGTH FLOW THEORY
RT BOLTZMANN TRANSPORT EQUATION
DIFFUSION THEORY
GAS TRANSPORT
INTEGRAL EQUATIONS
MOLECULAR INTERACTIONS
MONTE CARLO METHOD
POLLUTION TRANSPORT
∞ THEORIES

∞ TRANSPORT VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CRAWLER TRACTORS
GROUND EFFECT MACHINES
RAPID TRANSIT SYSTEMS
SHIPS
TRANSPORT AIRCRAFT
∞ VEHICLES

TRANSPORTATION

GS TRANSPORTATION
AIR TRANSPORTATION
MARINE TRANSPORTATION
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE SHUTTLE BOOSTERS
AEROMANEUVERING ORBIT TO
ORBIT SHUTTLE
SPACE SHUTTLE MISSIONS
SPACE SHUTTLE MISSION 31-A
SPACE SHUTTLE MISSION 31-B
SPACE SHUTTLE MISSION 31-C
SPACE SHUTTLE MISSION 31-D
SPACE SHUTTLE MISSION 41-A
SPACE SHUTTLE MISSION 41-B
SPACE SHUTTLE MISSION 41-C
SPACE SHUTTLE MISSION 41-D
SPACE SHUTTLE MISSION 41-G
SPACE SHUTTLE MISSION 51-A
SPACE SHUTTLE MISSION 51-B
SPACE SHUTTLE MISSION 51-C
SPACE SHUTTLE MISSION 51-D
SPACE SHUTTLE MISSION 51-E
SPACE SHUTTLE MISSION 51-F
SPACE SHUTTLE MISSION 51-G
SPACE SHUTTLE MISSION 51-H
SPACE SHUTTLE MISSION 51-I
SPACE SHUTTLE MISSION 51-J
SPACE SHUTTLE MISSION 51-L
SPACE SHUTTLE MISSION 61-A
SPACE SHUTTLE MISSION 61-B
SPACE SHUTTLE MISSION 61-C
SPACE SHUTTLE MISSION 61-E
SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
URBAN TRANSPORTATION
RT ARTIFICIAL HARBORS
AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED TRANSIT VEHICLES
CARGO
CONTRACTORS
CONVEYORS
DEEPWATER TERMINALS
DELIVERY
DISTRIBUTING
∞ DISTRIBUTION
ELECTRIC AUTOMOBILES
EVACUATING (TRANSPORTATION)
FREIGHT COSTS
FREIGHTERS
HANDLING EQUIPMENT

TRANSPORTATION-(CONT)

HAULING
HIGHWAYS
LOGISTICS
MATERIALS HANDLING
MISSILES
MOTOR VEHICLES
OFFSHORE DOCKING
OFFSHORE PLATFORMS
PACKAGING
PASSENGERS
PIPELINES
RIDING QUALITY
ROADS
ROUTES
SERVICES
SITE SELECTION
SPACE SHUTTLE MISSION 61-A
SPACE TRANSPORTATION SYSTEM
TANKER TERMINALS
TERMINAL FACILITIES
TRACTORS
TRAFFIC
TRANSCONTINENTAL SYSTEMS
TRANSFERRING
TRANSOCEANIC SYSTEMS
TRANSPORTATION NETWORKS
∞ TRAVEL
TRUCKS

TRANSPORTATION ENERGY

RT ALLOCATIONS
CARGO
COMMERCIAL ENERGY
DISTRIBUTING
DOMESTIC ENERGY
ECONOMIC FACTORS
∞ ENERGY
ENERGY CONVERSION
ENGINES
FUELS
HAULING
INDUSTRIAL ENERGY
SHIPS
∞ TANKERS
TRUCKS

TRANSPORTATION NETWORKS

RT HIGHWAYS
INTERSECTIONS
∞ NETWORKS
RAPID TRANSIT SYSTEMS
ROADS
TRANSPORTATION

TRANSPORTER

GS SURFACE VEHICLES
TRANSPORTER
RT ∞ CONTAINERS
∞ VEHICLES

TRANSURANIUM ELEMENTS

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM

TRANSVERSE VIBRATION

TRANSURANIUM ELEMENTS-(CONT)

AMERICIUM ISOTOPES
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
SERGENIUM
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
RT TRANSITION METALS
TRANSVERSE ACCELERATION
GS RATES (PER TIME)
ACCELERATION (PHYSICS)
TRANVERSE ACCELERATION
RT ∞ ACCELERATION
ACCELERATION STRESSES
(PHYSIOLOGY)
ANGULAR ACCELERATION
TRANSVERSE OSCILLATION
UF TRANSVERSE VIBRATION
GS OSCILLATIONS
TRANVERSE OSCILLATION
H WAVES
RT GAMMA RAYS
HARMONIC OSCILLATION
LATERAL OSCILLATION
STABLE OSCILLATIONS
TRANSIENT OSCILLATIONS
TRANSVERSE VIBRATION
USE TRANSVERSE OSCILLATION

TRANSVERSE WAVES

TRANSVERSE WAVES

- GS TRANSVERSE WAVES
 - H WAVES
- RT ELASTIC WAVES
 - ELECTROMAGNETIC RADIATION
 - GAMMA RAYS
 - LONGITUDINAL WAVES
 - MAGNETOHYDRODYNAMIC FLOW
 - PLANE WAVES
 - RADIO WAVES
 - S WAVES
 - VIBRATION MODE
 - WAVE PACKETS
 - ∞ WAVES

TRANSVERSELY EXCITED ATMOSPHERIC LASERS

- USE TEA LASERS

TRAP PROGRAM

- GS PROGRAMS
 - TRAP PROGRAM
- RT PLASMA CONTROL
 - ∞ RADIATION

TRAPATT DEVICES

- UF TRAPPED PLASMA AVALANCHE
 - TRIGGERED TRANSIT
- GS ELECTRONIC EQUIPMENT
 - SOLID STATE DEVICES
 - SEMICONDUCTOR DEVICES
 - TRAPATT DEVICES
- RT AVALANCHE DIODES
 - ∞ DEVICES
 - DIODES
 - TRANSISTORS

TRAPATT DIODES

- USE AVALANCHE DIODES

TRAPEZOIDAL TAIL SURFACES

- GS PLANFORMS
 - TRAPEZOIDAL TAIL SURFACES
- TAIL SURFACES
 - TRAPEZOIDAL TAIL SURFACES
- RT CONTROL SURFACES
 - HORIZONTAL TAIL SURFACES
 - HYPERSONIC AIRCRAFT
 - RUDDERS
 - STABILIZERS (FLUID DYNAMICS)
 - SUPERSONIC AIRCRAFT
 - ∞ SURFACES
 - SWEPTBACK TAIL SURFACES

TRAPEZOIDAL WINGS

- GS AIRFOILS
 - WINGS
 - LOW ASPECT RATIO WINGS
 - TRAPEZOIDAL WINGS
 - SWEPT WINGS
 - SWEPT FORWARD WINGS
 - TRAPEZOIDAL WINGS
 - SWEPTBACK WINGS
 - TRAPEZOIDAL WINGS
- PLANFORMS
 - WING PLANFORMS
 - SWEPT FORWARD WINGS
 - TRAPEZOIDAL WINGS
 - SWEPTBACK WINGS
 - TRAPEZOIDAL WINGS

TRAPEZOIDS

- GS GEOMETRY
 - EUCLIDEAN GEOMETRY
 - POLYGONS
 - TETRAGONS
 - TRAPEZOIDS

TRAPPED MAGNETIC FIELDS

- GS MAGNETIC FIELDS
 - TRAPPED MAGNETIC FIELDS
- RT FLUX PINNING
 - MAGNETICALLY TRAPPED PARTICLES
 - PLASMA CONTROL
 - SUPERCONDUCTIVITY
 - TRAPPING

TRAPPED PARTICLES

- GS PARTICLES
 - TRAPPED PARTICLES
 - MAGNETICALLY TRAPPED PARTICLES
 - RADIATION BELTS
 - ARTIFICIAL RADIATION BELTS
 - INNER RADIATION BELT
 - OUTER RADIATION BELT

TRAPPED PARTICLES-(CONT)

- PROTON BELTS
- RT CHARGED PARTICLES
 - ELECTRON PRECIPITATION
 - PROTON PRECIPITATION
 - TRAPPING

TRAPPED PLASMA AVALANCHE TRIGGERED TRANSIT

- USE TRAPATT DEVICES

TRAPPED VORTEXES

- UF VORTEX TRAPS
- GS VORTICES
 - TRAPPED VORTEXES
- RT COUNTERFLOW
 - FLOW DISTRIBUTION
 - MIXING
 - ROTATING FLUIDS
 - ROTATING LIQUIDS
 - TURBULENT MIXING
 - TURBULENT WAKES
 - VORTEX RINGS
 - VORTICITY

TRAPPING

- GS TRAPPING
 - CRYOTRAPPING
 - CONDUCTION BANDS
 - CRYSTAL DEFECTS
 - FLUX PINNING
 - ION STORAGE
 - PHOSPHORESCENCE
 - RADIATION BELTS
 - TRAPPED MAGNETIC FIELDS
 - TRAPPED PARTICLES
- RT

TRAPS

- GS TRAPS
 - COLD TRAPS
 - ION TRAPS (INSTRUMENTATION)
 - VAPOR TRAPS
- RT CONCENTRATORS
 - ENTRAPMENT
 - SEPARATORS
 - VALVES
- ∞ TRAVEL
 - SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 - RT DISTANCE
 - HARBORS
 - LOGISTICS
 - RANGE (EXTREMES)
 - TRANSPORTATION

TRAVELING CHARGE

- GS ELECTRIC CHARGE
 - TRAVELING CHARGE
- RT ELECTRODYNAMICS
 - ENERGY DISSIPATION
 - FIELD THEORY (PHYSICS)

TRAVELING IONOSPHERIC DISTURBANCES

- UF TID
- GS IONOSPHERIC DISTURBANCES
 - TRAVELING IONOSPHERIC DISTURBANCES
- RT IONOSPHERIC CURRENTS
 - IONOSPHERIC PROPAGATION
 - IONOSPHERIC STORMS
 - IONOSPHERIC TILTS
 - MAGNETIC VARIATIONS
 - SUDDEN IONOSPHERIC DISTURBANCES

TRAVELING SALESMAN PROBLEM

- RT OPERATIONS RESEARCH
 - PROBABILITY THEORY
 - ∞ PROBLEMS
 - STATISTICAL ANALYSIS

TRAVELING SOLVENT METHOD

- SN (LIMITED TO CRYSTAL GROWTH TECHNIQUES)
- GS GROWTH
 - CRYSTAL GROWTH
 - TRAVELING SOLVENT METHOD
- RT ADDITIVES
 - CARRIER INJECTION
 - ELECTROEPITAXY
 - ∞ METHODOLOGY

NASA THESAURUS (VOLUME 1)

TRAVELING WAVE AMPLIFIERS

- GS AMPLIFIERS
 - TRAVELING WAVE AMPLIFIERS

TRAVELING WAVE MASERS

- GS STIMULATED EMISSION DEVICES
 - MASERS
 - TRAVELING WAVE MASERS
- RT AMPLIFIERS
 - CAVITY RESONATORS
 - COHERENT ELECTROMAGNETIC RADIATION

TRAVELING WAVE MODULATION

- GS MODULATION
 - TRAVELING WAVE MODULATION
- RT LASERS
 - LIGHT MODULATION
 - WAVE DIFFRACTION

TRAVELING WAVE TUBES

- UF CRESTATONS
 - HELIX TUBES
- GS ELECTRON TUBES
 - VACUUM TUBES
 - VACUUM TUBE OSCILLATORS
 - MICROWAVE TUBES
 - TRAVELING WAVE TUBES
 - CARCINOTRONS
 - HELITRONS
 - MICROWAVE EQUIPMENT
 - MICROWAVE TUBES
 - TRAVELING WAVE TUBES
 - CARCINOTRONS
 - HELITRONS
- RT BACKWARD WAVES
 - BRILLOUIN FLOW
 - CROSSED FIELD AMPLIFIERS
 - CYCLOTRON RESONANCE DEVICES
 - ELECTRON BUNCHING
 - MAGNETOSTATIC AMPLIFIERS
 - MAGNETRONS
 - OSCILLATIONS
 - SCALLOPING

TRAVELING WAVES

- GS TRAVELING WAVES
 - SOLITARY WAVES
- RT BACKWARD WAVES
 - ELASTIC WAVES
 - ELECTROMAGNETIC RADIATION
 - NONRESONANCE
 - PHASE VELOCITY
 - PLANE WAVES
 - RADIO WAVES

TRAYS

- RT ∞ BUCKETS
- ∞ CONTAINERS
- ∞ PLATES

TREADMILLS

- RT PHYSICAL EXERCISE
- PHYSICAL FITNESS
- PHYSICAL WORK
- PHYSIOLOGICAL TESTS

TREADS

- RT STAIRWAYS
- TIRES
- VEHICULAR TRACKS

TREAT (TEST FACILITY)

- USE TRANSIENT REACTOR TEST FACILITY

∞ TREATMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF CONDITIONING (TREATING)
- RT AIR CONDITIONING
- CLINICAL MEDICINE
- HEAT TREATMENT
- PREWHITENING
- SEWAGE TREATMENT
- THERMOMECHANICAL TREATMENT
- WASTE TREATMENT
- WATER TREATMENT

TREE RING DATING

- USE DENDROCHRONOLOGY

NASA THESAURUS (VOLUME 1)

TRIM (BALANCE)

∞ TREES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT CONIFERS
 TREES (MATHEMATICS)
 TREES (PLANTS)

TREES (MATHEMATICS)
 GS **TREES (MATHEMATICS)**
 FAULT TREES
 RT ANALYSIS (MATHEMATICS)
 CIRCUITS
 GRAPH THEORY
 GRAPHS (CHARTS)
 PETRI NETS
 SNEAK CIRCUIT ANALYSIS
 TOPOLOGY
 ∞ TREES

TREES (PLANTS)
 GS PLANTS (BOTANY)
TREES (PLANTS)
 CITRUS TREES
 CONIFERS
 DECIDUOUS TREES
 RT BALSAM
 CANOPIES (VEGETATION)
 CHAPARRAL
 CLEARINGS (OPENINGS)
 DEFOLIANTS
 DEFOLIATION
 DENDROCHRONOLOGY
 FORESTS
 GEOBOTANY
 HERBICIDES
 LOGGING (INDUSTRY)
 MASONITE (TRADEMARK)
 ORCHARDS
 PHREATOPHYTES
 PLYWOOD
 SILVICULTURE
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TIMBER VIGOR
 TIMBERLINE
 ∞ TREES
 VEGETATION
 WOOD

TREMORS
 RT EARTHQUAKE RESISTANCE
 EARTHQUAKES
 PARALYSIS
 PARKINSON DISEASE
 ROUSE BELTS

TRENDS
 RT EXTRAPOLATION
 FORECASTING
 GROWTH
 PERIODIC VARIATIONS
 ∞ PROJECTION
 TIME SERIES ANALYSIS

TRESCA FLOW
 GS FLUID FLOW
 PLASTIC FLOW
TRESCA FLOW
 RT DUCTILITY
 STABILITY
 YIELD POINT

TRIACETIN
 GS ACETATES
TRIACETIN
 ESTERS
TRIACETIN
 RT ACETIC ACID
 GLYCEROLS
 PLASTICIZERS
 SOLVENTS

TRIAMINO GUANIDINENITRATE
 USE TAGN

TRIAMINO GUANIDINIUM AZIDE
 GS ALIPHATIC COMPOUNDS
 GUANIDINES
TRIAMINO GUANIDINIUM AZIDE
 AMINES
 DIAMINES
 GUANIDINES
TRIAMINO GUANIDINIUM AZIDE
 NITROGEN COMPOUNDS

TRIAMINO GUANIDINIUM AZIDE-(CONT)
 AZIDES (ORGANIC)
TRIAMINO GUANIDINIUM AZIDE

TRIAMINOTRINITROBENZENE
 USE TATB

TRIANGLES
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 POLYGONS
TRIANGLES
 RT TETRAHEDRONS
 TRIGONOMETRY

TRIANGULAR WINGS
 USE DELTA WINGS

TRIANGULATION
 RT ANGLES (GEOMETRY)
 MAPPING
 NAVIGATION
 TRIGONOMETRY
 WILDLIFE RADIOLOCATION

TRIATOMIC MOLECULES
 GS MOLECULES
 POLYATOMIC MOLECULES
TRIATOMIC MOLECULES
 RT DIATOMIC MOLECULES

TRIAXIAL STRESSES
 UF TRIAXIALITY
 GS STRESSES
TRIAXIAL STRESSES
 RT MECHANICAL PROPERTIES
 TENSILE STRESS

TRIAXIALITY
 USE TRIAXIAL STRESSES

TRIBOLIA
 GS ANIMALS
 INVERTEBRATES
 ARTHROPODS
 INSECTS
 CRICKETS
 BEETLES
TRIBOLIA

TRIBOLOGY
 RT ABRASION
 CORROSION
 EROSION
 EROSION BURNING
 FRETTING
 FRICTION
 INTERFACIAL TENSION
 LUBRICATION
 TRIBOLUMINESCENCE
 WEAR

TRIBOLUMINESCENCE
 GS DECAY
 EMISSION
 LIGHT EMISSION
 LUMINESCENCE
 PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
 RT FLUORESCENCE
 FRICTION
 MECHANICAL PROPERTIES
 PHOTOLUMINESCENT BANDS
 STRESSES
 TRIBOLOGY

TRIBUTARIES
 RT DRAINAGE PATTERNS
 EARTH RESOURCES
 ESTUARIES
 RIVERS

TRICHLORIDES
 USE CHLORIDES

TRIDENT AIRCRAFT
 USE DH 121 AIRCRAFT

TRIDENT SUBMARINE
 GS WATER VEHICLES
 SHIPS
 SUBMARINES
TRIDENT SUBMARINE
 UNDERWATER VEHICLES

TRIDENT SUBMARINE-(CONT)
 SUBMARINES
TRIDENT SUBMARINE
 RT NAVY
 NUCLEAR PROPULSION

TRIENES
 GS ALIPHATIC COMPOUNDS
 ALKENES
TRIENES
 HYDROCARBONS
 ALKENES
TRIENES

TRIETHYL COMPOUNDS
 GS ALIPHATIC COMPOUNDS
 ALKYL COMPOUNDS
TRIETHYL COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ETHYL COMPOUNDS

TRIFLUOROAMINE OXIDE
 GS ALIPHATIC COMPOUNDS
 FLUOROAMINES
TRIFLUOROAMINE OXIDE
 AMINES
 FLUOROAMINES
TRIFLUOROAMINE OXIDE
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORO COMPOUNDS
 FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
TRIFLUOROAMINE OXIDE
 ORGANIC COMPOUNDS
 FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
TRIFLUOROAMINE OXIDE

TRIGATRONS
 GS SWITCHES
TRIGATRONS
 RT ∞ GAS TUBES
 PULSE MODULATION
 SPARK GAPS
 TRIGGER CIRCUITS

TRIGGER CIRCUITS
 GS CIRCUITS
TRIGGER CIRCUITS
 RT BISTABLE CIRCUITS
 GATES (CIRCUITS)
 MULTIVIBRATORS
 THRESHOLD GATES
 THRESHOLD LOGIC
 THYRISTORS
 TRIGATRONS

TRIGGERS
 USE ACTUATORS

TRIGONOMETRIC FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
 COSINE SERIES
 SINE SERIES
 TANGENTS
 FUNCTIONS (MATHEMATICS)
 TRANSCENDENTAL FUNCTIONS
 PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
 COSINE SERIES
 SINE SERIES
 TANGENTS
 RT FRESNEL INTEGRALS
 SINE WAVES
 TRIGONOMETRY

TRIGONOMETRY
 GS GEOMETRY
 EUCLIDEAN GEOMETRY
 ANALYTIC GEOMETRY
TRIGONOMETRY
 RT ANGLES (GEOMETRY)
 ∞ SCIENCE
 TRIANGLES
 TRIANGULATION
 TRIGONOMETRIC FUNCTIONS

TRIM (BALANCE)
 USE AERODYNAMIC BALANCE

TRIMERS

TRIMERS

GS PREPOLYMERS
TRIMERS
 RT DIMERS
 MONOMERS

TRIMETHADIONE

GS ALIPHATIC COMPOUNDS
 KETONES
TRIMETHADIONE
 DRUGS
TRIMETHADIONE
 HETEROCYCLIC COMPOUNDS
TRIMETHADIONE

TRIMETHYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 ALKYL COMPOUNDS
TRIMETHYL COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 METHYL COMPOUNDS

TRINIDAD AND TOBAGO

GS LANDFORMS
 ISLANDS
 WEST INDIES
TRINIDAD AND TOBAGO
 NATIONS
TRINIDAD AND TOBAGO
 RT CARIBBEAN REGION
 SOUTH AMERICA

TRINITRAMINE

GS ALIPHATIC COMPOUNDS
TRINITRAMINE
 AMINES
TRINITRAMINE
 NITROGEN COMPOUNDS
TRINITRAMINE

TRINITRO COMPOUNDS

GS NITROGEN COMPOUNDS
 NITRO COMPOUNDS
TRINITRO COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS

TRINITROTOLUENE

UF TNT (TRINITROTOLUENE)
 GS EXPLOSIVES
TRINITROTOLUENE
 NITROGEN COMPOUNDS
 NITRO COMPOUNDS
 NITROBENZENES
TRINITROTOLUENE
 RT EXPOSURE

TRINITROTRIAZOCYCLOHEXANE

USE RDX

TRIODES

RT CATT DEVICES
 DIODES
 ELECTRON TUBES
 MICROWAVE TUBES
 SEMICONDUCTOR DEVICES
 TETRODES
 THYRISTORS
 TRANSISTORS

TRIOLS

GS ALIPHATIC COMPOUNDS
TRIOLS
 CYANURIC ACID
 HYDROXYL COMPOUNDS
 ALCOHOLS
TRIOLS
 CYANURIC ACID

TRIPHENYL SILICON

GS SILICON COMPOUNDS
 ORGANIC SILICON COMPOUNDS
TRIPHENYL SILICON

TRIPHENYLS

GS HYDROCARBONS
TRIPHENYLS

TRIPLE AXIS SPECTROMETERS

USE NEUTRON SPECTROMETERS

TRIPLET EXCITATION

USE ATOMIC ENERGY LEVELS

TRIPLET STATE

USE ATOMIC ENERGY LEVELS

TRIPODS

GS SUPPORTS
TRIPODS
 RT OPTICAL EQUIPMENT

TRIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

TRISONIC WIND TUNNELS

GS TEST FACILITIES
 WIND TUNNELS
TRISONIC WIND TUNNELS
 RT SLOTTED WIND TUNNELS
 TRANSONIC FLOW
 WIND TUNNEL TESTS

TRITIUM

UF HYDROGEN 3
 GS CHEMICAL ELEMENTS
 HYDROGEN
 HYDROGEN ISOTOPES
TRITIUM
 NUCLIDES
 ISOTOPES
 HYDROGEN ISOTOPES
TRITIUM
 RADIOACTIVE ISOTOPES
TRITIUM
 GASES
 HYDROGEN
 HYDROGEN ISOTOPES
TRITIUM
 RT HEAVY WATER
 NUCLEAR FUELS

TRITON

GS CELESTIAL BODIES
 NATURAL SATELLITES
TRITON
 SATELLITES
 NATURAL SATELLITES
TRITON
 RT GALILEAN SATELLITES
 NEPTUNE (PLANET)
 NEPTUNE ATMOSPHERE
 SATELLITE ATMOSPHERES
 TITAN

TRITONS

GS IONS
TRITONS
 RT ALPHA PARTICLES
 PROTONS

TRIVALENT IONS

GS IONS
TRIVALENT IONS
 RT FREE RADICALS
 POSITIVE IONS
 VALENCE

TROCHOIDS

USE PIVOTS

TROILITE

GS CHALCOGENIDES
 SULFIDES
 PYRRHOTITE
TROILITE
 IRON COMPOUNDS
 PYRRHOTITE
TROILITE
 MINERALS
 PYRRHOTITE
TROILITE
 SULFUR COMPOUNDS
 SULFIDES
 PYRRHOTITE
TROILITE
 RT IRON METEORITES
 METEORITIC COMPOSITION

TROJAN AIRCRAFT

USE T-28 AIRCRAFT

TROJAN ORBITS

GS ORBITS
 SPACECRAFT ORBITS
TROJAN ORBITS
 RT CELESTIAL MECHANICS
 MANY BODY PROBLEM

NASA THESAURUS (VOLUME 1)

TROJAN ORBITS-(CONT)

THREE BODY PROBLEM

TROMBE WALLS

GS WALLS
TROMBE WALLS
 RT ENERGY TECHNOLOGY
 HEAT STORAGE
 PHASE CHANGE MATERIALS
 RADIATIVE HEAT TRANSFER
 SOLAR ENERGY ABSORBERS
 SOLAR HEATING
 SOLAR HOUSES
 THERMAL INSULATION

TROPICAL METEOROLOGY

GS METEOROLOGY
TROPICAL METEOROLOGY
 RT AGROMETEOROLOGY
 EL NINO
 EQUATORIAL ATMOSPHERE
 GARP ATLANTIC TROPICAL EXPERIMENT
 INTERTROPICAL CONVERGENT ZONES
 METEOROLOGICAL PARAMETERS

TROPICAL REGIONS

UF JUNGLES
 LOW LATITUDES
 SUBTROPICAL REGIONS
 TROPICS
 GS REGIONS
TROPICAL REGIONS
 AMAZON REGION (SOUTH AMERICA)
 RT CLIMATOLOGY
 EQUATORIAL ATMOSPHERE
 EQUATORIAL REGIONS
 GARP ATLANTIC TROPICAL EXPERIMENT
 GEOGRAPHY
 HOT WEATHER
 INTERTROPICAL CONVERGENT ZONES
 LATERITES
 LOMONOSOV CURRENT
 METEOROLOGY
 RAIN FORESTS
 TEMPERATE REGIONS
 VIRGIN ISLANDS

TROPICAL STORMS

GS STORMS
 STORMS (METEOROLOGY)
TROPICAL STORMS
 HURRICANES
 ANNA HURRICANE
 TYPHOONS
 RT ATMOSPHERIC CIRCULATION
 CYCLONES
 METEOROLOGY
 STORM DAMAGE
 TORNADES

TROPICS

USE TROPICAL REGIONS

TROPISM

GS **TROPISM**
 AEOLOTROPISM
 GEOTROPISM
 GRAVITROPISM
 GYROTROPISM
 NEUROTROPISM

TROPOPAUSE

SN (ALTITUDE APPROXIMATELY 15 TO 20 KM)
 GS EARTH ATMOSPHERE
TROPOPAUSE
 RT DIURNAL VARIATIONS
 ISOTHERMAL LAYERS
 LOWER ATMOSPHERE
 MIDDLE ATMOSPHERE
 TROPOSPHERE

TROPOSPHERE

GS EARTH ATMOSPHERE
 LOWER ATMOSPHERE
TROPOSPHERE
 RT CHEMOSPHERE
 HOMOSPHERE
 INTASAT SATELLITE
 TROPOPAUSE

TROPOSPHERIC RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
 GS ATMOSPHERIC RADIATION

NASA THESAURUS (VOLUME 1)

TUBE ANODES

TROPOSPHERIC RADIATION-(CONT.)
TROPOSPHERIC RADIATION
ELECTROMAGNETIC RADIATION
TROPOSPHERIC RADIATION
RT ∞RADIATION
SKY RADIATION
STRATOSPHERE RADIATION
TERRESTRIAL RADIATION

TROPOSPHERIC SCATTERING
GS SCATTERING
WAVE SCATTERING
ATMOSPHERIC SCATTERING
TROPOSPHERIC SCATTERING
RT LIGHT SCATTERING
WIDEBAND COMMUNICATION

TROPOSPHERIC WAVES
SN (EXCLUDES RADIO WAVES)
GS **TROPOSPHERIC WAVES**
PLANETARY WAVES
RT ELASTIC WAVES
LEE WAVES
RADIO WAVES
SURFACE WAVES
∞WAVES

TROPYL COMPOUNDS
GS HETEROCYCLIC COMPOUNDS
ALKALOIDS
TROPYL COMPOUNDS
NITROGEN COMPOUNDS
ALKALOIDS
TROPYL COMPOUNDS
RT ∞CHEMICAL COMPOUNDS

TROUBLESHOOTING
USE MAINTENANCE

TROUGHS
RT CANALS
DITCHES
IRRIGATION
LOW PRESSURE

TRUCKS
SN (EXCLUDES UNDERCARRIAGES)
UF VANS
GS SURFACE VEHICLES
MOTOR VEHICLES
TRUCKS
RT TANK TRUCKS
ANTISKID DEVICES
AUTOMOBILES
CARGO
DELIVERY
DOLLIES
ELECTRIC MOTOR VEHICLES
GROUND HANDLING
HAULING
MATERIALS HANDLING
∞MILITARY VEHICLES
RECOVERY VEHICLES
TRACTORS
TRAILERS
TRANSPORTATION
TRANSPORTATION ENERGY

TRUNCATION (MATHEMATICS)
USE APPROXIMATION

TRUNCATION ERRORS
GS ERRORS
TRUNCATION ERRORS
RT PRECISION

TRUNKS (LINES)
USE TRANSMISSION LINES

TRUNNIONS
USE SHAFTS (MACHINE ELEMENTS)

TRUSSES
GS STRUCTURAL MEMBERS
TRUSSES
RT ARCHES
BEAMS (SUPPORTS)
CONSTRUCTION INDUSTRY
FRAMES
GIRDERS
I BEAMS
LOOPS
MAXWELL-MOHR METHOD
MEGAMECHANICS

TRUSSES-(CONT.)
∞STRUCTURES
STRUTS
SUPPORTS
TIMOSHENKO BEAMS

TRYPANOSOME
GS ANIMALS
INVERTEBRATES
PROTOZOA
FLAGELLATA
TRYPANOSOME
MICROORGANISMS
PROTOZOA
FLAGELLATA
TRYPANOSOME
RT PARASITIC DISEASES

TRYPSIN
GS ENZYMES
TRYPSIN
RT PANCREAS

TRYPTAMINES
GS AMINES
TRYPTAMINES
SEROTONIN

TRYPTOPHAN
GS ACIDS
AMINO ACIDS
TRYPTOPHAN
HETEROCYCLIC COMPOUNDS
AZOLES
PYRROLES
INDOLES
TRYPTOPHAN
NITROGEN COMPOUNDS
TRYPTOPHAN
ORGANIC COMPOUNDS
AMINO ACIDS
TRYPTOPHAN

TS-11 AIRCRAFT
UF ISKRA AIRCRAFT
POLISH TS-11 AIRCRAFT
GS JET AIRCRAFT
TS-11 AIRCRAFT
MONOPLANES
TS-11 AIRCRAFT
TRAINING AIRCRAFT
TS-11 AIRCRAFT
RT ∞AIRCRAFT

TSR-2 AIRCRAFT
UF BAC TSR 2 AIRCRAFT
GS ATTACK AIRCRAFT
TSR-2 AIRCRAFT
BAC AIRCRAFT
TSR-2 AIRCRAFT
JET AIRCRAFT
TSR-2 AIRCRAFT
MONOPLANES
TSR-2 AIRCRAFT
OBSERVATION AIRCRAFT
TSR-2 AIRCRAFT
RECONNAISSANCE AIRCRAFT
TSR-2 AIRCRAFT
SUPERSONIC AIRCRAFT
TSR-2 AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TSR-2 AIRCRAFT
RT ∞AIRCRAFT

TSUNAMI WAVES
RT EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKES
FRONTAL WAVES
SEISMIC WAVES
SHOCK WAVES
SURFACE WAVES
TIDAL WAVES
WATER WAVES

TTL INTEGRATED CIRCUITS
SN (TRANSISTOR-TRANSISTOR-LOGIC
INTEGRATED CIRCUITS)
UF TRANSISTOR-TRANSISTOR-LOGIC INTEG
CIRCUITS
GS CIRCUITS
INTEGRATED CIRCUITS
TTL INTEGRATED CIRCUITS
RT ELECTRONIC PACKAGING
LARGE SCALE INTEGRATION

TTL INTEGRATED CIRCUITS-(CONT.)
MICROMINIATURIZATION
MOLECULAR ELECTRONICS
TRANSISTOR CIRCUITS

TU-104 AIRCRAFT
UF CAMEL AIRCRAFT
GS COMMERCIAL AIRCRAFT
TU-104 AIRCRAFT
JET AIRCRAFT
TU-104 AIRCRAFT
MONOPLANES
TU-104 AIRCRAFT
PASSENGER AIRCRAFT
TU-104 AIRCRAFT
TUPOLEV AIRCRAFT
TU-104 AIRCRAFT
RT ∞AIRCRAFT
TU-154 AIRCRAFT

TU-121 ENGINE
GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
TU-121 ENGINE

TU-124 AIRCRAFT
UF COOKPOT AIRCRAFT
GS COMMERCIAL AIRCRAFT
TU-124 AIRCRAFT
JET AIRCRAFT
TU-124 AIRCRAFT
MONOPLANES
TU-124 AIRCRAFT
PASSENGER AIRCRAFT
TU-124 AIRCRAFT
TRANSPORT AIRCRAFT
TU-124 AIRCRAFT
TUPOLEV AIRCRAFT
TU-124 AIRCRAFT
RT ∞AIRCRAFT
TURBOFAN ENGINES

TU-134 AIRCRAFT
GS COMMERCIAL AIRCRAFT
TU-134 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
TU-134 AIRCRAFT
MONOPLANES
TU-134 AIRCRAFT
PASSENGER AIRCRAFT
TU-134 AIRCRAFT
TUPOLEV AIRCRAFT
TU-134 AIRCRAFT
RT ∞AIRCRAFT

TU-144 AIRCRAFT
GS COMMERCIAL AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT
TU-144 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
TU-144 AIRCRAFT
PASSENGER AIRCRAFT
TU-144 AIRCRAFT
TRANSPORT AIRCRAFT
TU-144 AIRCRAFT
RT ∞AIRCRAFT

TU-154 AIRCRAFT
GS COMMERCIAL AIRCRAFT
TU-154 AIRCRAFT
TRANSPORT AIRCRAFT
TU-154 AIRCRAFT
TUPOLEV AIRCRAFT
TU-154 AIRCRAFT
RT ∞AIRCRAFT
AIRCRAFT DESIGN
CARGO AIRCRAFT
JET AIRCRAFT
PASSENGER AIRCRAFT
TU-104 AIRCRAFT

TUBE ANODES
GS ELECTRODES
ANODES
TUBE ANODES
RT CATHODES
ELECTRODE MATERIALS
ELECTRON GUNS

TUBE CATHODES

TUBE CATHODES
 GS ELECTRODES
 CATHODES
 TUBE CATHODES
 COLD CATHODES
 HOT CATHODES
 PHOTOCATHODES
 THERMIONIC CATHODES
 TUNNEL CATHODES
 RT COLD CATHODE TUBES
 ELECTRON GUNS
 HOLLOW CATHODES

TUBE GRIDS
 GS ELECTRODES
 TUBE GRIDS
 RT BIAS
 ELECTRON GUNS
 ELECTRON TUBES
 ∞ GRIDS
 IONIZERS

TUBE HEAT EXCHANGERS
 GS HEAT EXCHANGERS
 TUBE HEAT EXCHANGERS
 RT REGENERATORS

TUBE LASERS
 RT CHEMICAL LASERS
 GASDYNAMIC LASERS
 LASER OUTPUTS
 PULSED LASERS
 SHOCK TUBES
 WAVEGUIDE LASERS

TUBERCULOSIS
 GS DISEASES
 INFECTIOUS DISEASES
 TUBERCULOSIS
 RESPIRATORY DISEASES
 TUBERCULOSIS
 RT PATCH TESTS

∞ **TUBES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BOURDON TUBES
 BRONCHIAL TUBE
 BURETTES
 CANNULAE
 CAPILLARY TUBES
 CIRCULAR TUBES
 DUCTS
 ELECTRON TUBES
 EUSTACHIAN TUBES
 HILSCH TUBES
 HOSES
 LININGS
 MANIFOLDS
 MICROWAVE TUBES
 PIPES (TUBES)
 PITOT TUBES
 SHOCK TUBES
 SIPHONS
 TRACHEA
 VENTURI TUBES

TUBING
 USE PIPES (TUBES)

TUMBLING MOTION
 RT ATTITUDE STABILITY
 DESTABILIZATION
 MIXERS
 ∞ MOTION
 ROTATING ENVIRONMENTS
 SATELLITE ROTATION
 ∞ SEPARATION
 SPACECRAFT MOTION
 SPACECRAFT STABILITY

TUMORS
 GS DISEASES
 TUMORS
 NEOPLASMS
 CANCER
 LEUKEMIAS
 RT CYSTS

TUNABLE LASERS
 GS STIMULATED EMISSION DEVICES
 LASERS
 TUNABLE LASERS

TUNABLE LASERS-(CONT)
 RT LIGHT MODULATION
 OPTICAL COMMUNICATION
 TUNING
 WIGGLER MAGNETS

TUNDRA
 GS LAND
 PLAINS
 TUNDRA
 LANDFORMS
 TUNDRA
 RT ARCTIC REGIONS
 ASIA
 GEOGRAPHY
 NORTH AMERICA

TUNERS
 GS **TUNERS**
 WAVEGUIDE TUNERS
 RT RADIO RECEIVERS
 RESONANCE PROBES
 RESONANT FREQUENCIES
 TELEVISION RECEIVERS

TUNGSTATES
 GS TUNGSTEN COMPOUNDS
 TUNGSTATES
 LEAD TUNGSTATES
 ZINC TUNGSTATES

TUNGSTEN
 UF WOLFRAM
 GS CHEMICAL ELEMENTS
 REFRACTORY METALS
 TUNGSTEN
 METALS
 TRANSITION METALS
 REFRACTORY METALS
 TUNGSTEN
 REFRACTORY MATERIALS
 REFRACTORY METALS
 TUNGSTEN

TUNGSTEN ALLOYS
 GS ALLOYS
 HEAT RESISTANT ALLOYS
 REFRACTORY METAL ALLOYS
 TUNGSTEN ALLOYS
 REFRACTORY MATERIALS
 REFRACTORY METAL ALLOYS
 TUNGSTEN ALLOYS
 RT STELLITE (TRADEMARK)

TUNGSTEN CARBIDES
 GS CARBON COMPOUNDS
 CARBIDES
 TUNGSTEN CARBIDES
 TUNGSTEN COMPOUNDS
 TUNGSTEN CARBIDES

TUNGSTEN CHLORIDES
 GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
 TUNGSTEN CHLORIDES
 HALIDES
 CHLORIDES
 TUNGSTEN CHLORIDES
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HEAT TRANSMISSION

HEAT TRANSFER

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 LAMINAR MIXING
 MIXING LENGTH FLOW THEORY
 RECIRCULATIVE FLUID FLOW
 TRAPPED VORTEXES
 VORTICES

TURBULENT WAKES

UF SWIRLING WAKES
 GS WAKES
TURBULENT WAKES
 SLIPSTREAMS
 PROPELLER SLIPSTREAMS
 RT AIRCRAFT WAKES
 LAMINAR WAKES
 TRAPPED VORTEXES
 VORTEX ADVISORY SYSTEM
 VORTEX SHEETS
 VORTEX STREETS

TURING MACHINES

UF FINITE-STATE MACHINES
 RT AUTOMATA THEORY
 DIGITAL COMPUTERS
 ∞ MACHINERY
 MATHEMATICAL LOGIC
 SELF ORGANIZING SYSTEMS

TURKEY

GS NATIONS
TURKEY
 RT BLACK SEA
 EUROPE

TURKEYS

GS ANIMALS
 VERTEBRATES
 BIRDS
TURKEYS
 RT LIVESTOCK

TURNAROUND (STS)

RT DOWNTIME
 FLIGHT TIME
 LAUNCH DATES
 SCHEDULES
 SEQUENCING
 SPACECRAFT MAINTENANCE
 TESTING TIME

TURNING FLIGHT

UF BANKING FLIGHT
 GS **TURNING FLIGHT**
 MINOR CIRCLE TURNING FLIGHT
 RT AERODYNAMIC BALANCE
 AIRCRAFT MANEUVERS
 AIRCRAFT STABILITY
 CLIMBING FLIGHT
 ∞ FLIGHT
 FLIGHT PATHS
 HORIZONTAL FLIGHT
 LATERAL OSCILLATION
 LATERAL STABILITY
 MANEUVERS
 MOMENTUM
 ROLL
 YAW

TURNSTILE ANTENNAS

GS ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
TURNSTILE ANTENNAS
 ARRAYS
 ANTENNA ARRAYS
TURNSTILE ANTENNAS
 RT DIPOLE ANTENNAS
 ∞ GRIDS
 WIRE GRID LENSES

TURPENTINE

GS SOLVENTS
TURPENTINE
 TERPENES
TURPENTINE
 RT PAINTS

∞ TURRET

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT GUN TURRETS
 TURRET LATHES

TURRET LATHES

GS TOOLS
 MACHINE TOOLS
 LATHES
TURRET LATHES
 RT ∞ TURRET

TURTLES

GS ANIMALS
 POIKILOthermia
 REPTILES
TURTLES
 VERTEBRATES
 REPTILES
TURTLES

TUTOR AIRCRAFT

USE CL-41 AIRCRAFT

TVC (CONTROL)

USE THRUST VECTOR CONTROL

TWENTY-FOUR HOUR ORBITS

GS ORBITS
 SPACECRAFT ORBITS
 SATELLITE ORBITS
TWENTY-FOUR HOUR ORBITS
 RT CIRCULAR ORBITS
 EARTH ORBITS
 EQUATORIAL ORBITS
 GEOSYNCHRONOUS ORBITS
 ORBITAL MECHANICS
 PAS
 PLANETARY ORBITS
 POLAR ORBITS
 STATIONARY ORBITS
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 SYNCHRONOUS SATELLITES

TWENTY-SEVEN DAY VARIATION

GS VARIATIONS
TWENTY-SEVEN DAY VARIATION
 RT SOLAR CYCLES
 SOLAR ROTATION
 STARSPTS
 SUNSPOTS

TWILIGHT GLOW

GS ATMOSPHERIC RADIATION
 SKY RADIATION
 AIRGLOW
TWILIGHT GLOW
 ELECTROMAGNETIC RADIATION
 LIGHT (VISIBLE RADIATION)
 SKY RADIATION
 AIRGLOW
TWILIGHT GLOW
 RT DAYGLOW
 NIGHT
 NIGHT SKY

TWINNING

GS **TWINNING**
 MECHANICAL TWINNING
 RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 CRYSTAL STRUCTURE
 GRAIN BOUNDARIES
 STACKING FAULT ENERGY

TWISTED WINGS

GS AIRFOILS
 WINGS
TWISTED WINGS
 RT CAMBERED WINGS
 FIXED WINGS
 FLEXIBLE WINGS
 RING WINGS
 UNCAMBERED WINGS

TWISTING

UF PRETWISTING
 RT BENDING
 BUCKLING
 DEFORMATION
 DISTORTION

NASA THESAURUS (VOLUME 1)

TWISTING-(CONT)

STRUCTURAL STRAIN
 TORQUE
 TORSION
 TORSIONAL VIBRATION
 WARPAGE
 WINDING

TWITCHING

RT INVOLUNTARY ACTIONS
 MUSCLES
 MUSCULAR FUNCTION

TWO BODY ORBITS

USE TWO BODY PROBLEM

TWO BODY PROBLEM

UF TWO BODY ORBITS
 RT BINARY STARS
 CELESTIAL MECHANICS
 EARTH-MOON SYSTEM
 HYLLEAAS COORDINATES
 MANY BODY PROBLEM
 ORBITAL MECHANICS
 ORBITS
 PERTURBATION
 ∞ PROBLEMS
 ROCHE LIMIT
 THREE BODY PROBLEM

TWO DIMENSIONAL BODIES

RT ∞ BODIES
 ∞ CROSS SECTIONS
 DUCTED BODIES
 MATHEMATICAL MODELS
 ∞ SURFACES

TWO DIMENSIONAL BOUNDARY LAYER

GS BOUNDARY LAYERS
TWO DIMENSIONAL BOUNDARY LAYER
 RT LAMINAR BOUNDARY LAYER
 SUPERSONIC BOUNDARY LAYERS
 TURBULENT BOUNDARY LAYER

TWO DIMENSIONAL FLOW

GS FLUID FLOW
TWO DIMENSIONAL FLOW
 COUETTE FLOW
 RT AXIAL FLOW
 BLASIUS FLOW
 CAPILLARY WAVES
 COAXIAL FLOW
 FLOW GEOMETRY
 HARTMANN FLOW
 ONE DIMENSIONAL FLOW
 PRANDTL-MEYER EXPANSION
 RADIAL FLOW
 RAYLEIGH WAVES
 STEADY FLOW
 STREAM FUNCTIONS (FLUIDS)
 TAYLOR INSTABILITY
 THREE DIMENSIONAL FLOW
 WALL FLOW
 WEDGE FLOW

TWO DIMENSIONAL JETS

RT JET FLOW
 JET MIXING FLOW
 ∞ JETS
 WALL FLOW

TWO FLUID MODELS

RT BOLTZMANN DISTRIBUTION
 LIQUID HELIUM
 MAGNETOHYDRODYNAMIC FLOW
 ROTATING PLASMAS
 SHOCK WAVE PROPAGATION
 SUPERFLUIDITY

TWO PHASE FLOW

GS FLUID FLOW
 MULTIPHASE FLOW
TWO PHASE FLOW
 RT GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 ∞ PRESSURE DROP
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 TURBULENT FLOW

TWO PHASE SYSTEMS

USE BINARY SYSTEMS (MATERIALS)

TWO REFLECTOR ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
TWO REFLECTOR ANTENNAS
RT CASSEGRAIN ANTENNAS
RADIO ANTENNAS
REFLECTOMETERS
REFLECTORS

TWO STAGE PLASMA ENGINES

GS PLASMA POWER SOURCES
PLASMA ENGINES
TWO STAGE PLASMA ENGINES
RT ELECTRIC PROPULSION
PLASMAS (PHYSICS)

TWO STAGE TURBINES

GS TURBOMACHINERY
TURBINES
TWO STAGE TURBINES
RT GAS TURBINE ENGINES
GAS TURBINES
STEAM TURBINES

TWO-WAVELENGTH LASERS

GS STIMULATED EMISSION DEVICES
LASERS
TWO-WAVELENGTH LASERS
RT COHERENT LIGHT
DYE LASERS
LASER OUTPUTS
MASERS
MOLECULAR OSCILLATORS
QUANTUM AMPLIFIERS
STIMULATED EMISSION

TX-33-39 ENGINE

USE XM-33 ENGINE

TX-77 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
TX-77 ENGINE
RT LANCE MISSILE

TX-354 ENGINE

UF CASTOR 2 ENGINE
GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
TX-354 ENGINE
RT BOOSTER ROCKET ENGINES
LITTLE JOE 2 LAUNCH VEHICLE
RAM B LAUNCH VEHICLE
SCOUT LAUNCH VEHICLE
SUSTAINER ROCKET ENGINES
TRAILBLAZER 2 REENTRY VEHICLE
XM-33 ENGINE

TYCHO CRATER

GS CRATERS
LUNAR CRATERS
TYCHO CRATER
RT METEORITE CRATERS

TYPE 2 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
DECAY
EMISSION
RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS

TYPE 2 BURSTS-(CONT)

EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS

TYPE 3 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
DECAY
EMISSION
RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS

TYPE 4 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
DECAY
EMISSION
RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS

TYPE 5 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
DECAY
EMISSION
RADIO EMISSION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS

TYPEWRITERS

GS **TYPEWRITERS**
AUTOMATIC TYPEWRITERS
TELETYPEWRITERS
TELEPRINTERS
RT PRINTERS

TYPHOID

GS DISEASES
INFECTIOUS DISEASES
TYPHOID

TYPHON WEAPON SYSTEM

GS WEAPON SYSTEMS
TYPHON WEAPON SYSTEM
RT BUMBLEBEE PROJECT
SYSTEMS

TYPHOONS

GS STORMS
CYCLONES
TYPHOONS
STORMS (METEOROLOGY)
TROPICAL STORMS
TYPHOONS
RT ATMOSPHERIC CIRCULATION
HURRICANES
MARINE METEOROLOGY
METEOROLOGY
STORM DAMAGE
TORNADOES

TYPHUS

GS DISEASES
INFECTIOUS DISEASES
TYPHUS

TYROSINE

GS ACIDS
AMINO ACIDS
TYROSINE
ORGANIC COMPOUNDS
AMINO ACIDS
TYROSINE
RT ENZYME ACTIVITY
LIVER

T2J AIRCRAFT

USE T-2 AIRCRAFT

T3J AIRCRAFT

USE T-39 AIRCRAFT

U BENDS

U

U BENDS

GS PIPES (TUBES)
U BENDS
 RT FITTINGS

U SPIN SPACE

GS ALGEBRA
 VECTOR SPACES
U SPIN SPACE
 RT MATRICES (MATHEMATICS)
 QUANTUM MECHANICS

U TUBES

USE MANOMETERS

U S S R

UF SOVIET UNION
 GS NATIONS
U S S R
 RT ASIA
 BARENTS SEA
 BLACK SEA
 CAUCASUS MOUNTAINS (U S S R)
 EUROPE
 KURILE ISLANDS
 MOSCOW
 SEA OF OKHOTSK
 SIBERIA

U S S R SPACE PROGRAM

GS PROGRAMS
 SPACE PROGRAMS
U S S R SPACE PROGRAM
 RT APOLLO SOYUZ TEST PROJECT
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION
 INTERNATIONAL RELATIONS
 INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT
 LUNAR RETROREFLECTORS
 LUNIK LUNAR PROBES
 LUNIK 19 LUNAR PROBE
 LUNIK 22 LUNAR PROBE
 LUNOKHOD LUNAR ROVING VEHICLES
 MARS 2 SPACECRAFT
 MARS 3 SPACECRAFT
 MARS 4 SPACECRAFT
 MARS 5 SPACECRAFT
 MARS 6 SPACECRAFT
 MARS 7 SPACECRAFT
 MOLNIYA SATELLITES
 PROTON SATELLITES
 SALLYUT SPACE STATION
 SOYUZ SPACECRAFT
 VEGA PROJECT
 VENERA SATELLITES
 VENERA 8 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE

U-2 AIRCRAFT

UF LOCKHEED U-2 AIRCRAFT
 WU-2 AIRCRAFT
 GS JET AIRCRAFT
U-2 AIRCRAFT
 LOCKHEED AIRCRAFT
U-2 AIRCRAFT
 MONOPLANES
U-2 AIRCRAFT
 OBSERVATION AIRCRAFT
U-2 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
U-2 AIRCRAFT
 RESEARCH AIRCRAFT
U-2 AIRCRAFT
 UTILITY AIRCRAFT
U-2 AIRCRAFT
 RT ∞ AIRCRAFT

U-10 AIRCRAFT

UF COURIER AIRCRAFT
 L-28 AIRCRAFT
 GS HELIO AIRCRAFT
U-10 AIRCRAFT
 LIGHT AIRCRAFT
U-10 AIRCRAFT
 MONOPLANES
U-10 AIRCRAFT
 PASSENGER AIRCRAFT
U-10 AIRCRAFT
 UTILITY AIRCRAFT
U-10 AIRCRAFT

U-10 AIRCRAFT-(CONT)

V/STOL AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
U-10 AIRCRAFT
 RT ∞ AIRCRAFT

UBV SPECTRA

GS SPECTRA
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
UBV SPECTRA

UDIMET ALLOYS

GS ALLOYS
 HEAT RESISTANT ALLOYS
UDIMET ALLOYS
 NICKEL ALLOYS
UDIMET ALLOYS

UFO

USE UNIDENTIFIED FLYING OBJECTS

UGANDA

GS NATIONS
UGANDA
 RT AFRICA

UH-1 HELICOPTER

UF HU-1 HELICOPTER
 IROQUOIS HELICOPTER
 RH-2 HELICOPTER
 YHU-1 HELICOPTER
 YUH-1 HELICOPTER
 GS BELL AIRCRAFT
UH-1 HELICOPTER
 UTILITY AIRCRAFT
UH-1 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
UH-1 HELICOPTER
 RT UH-60A HELICOPTER
 UH-61A HELICOPTER

UH-2 HELICOPTER

UF HU2K-1 HELICOPTER
 KAMAN UH-2A HELICOPTER
 SEASPRITE HELICOPTER
 GS KAMAN AIRCRAFT
UH-2 HELICOPTER
 UTILITY AIRCRAFT
UH-2 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
UH-2 HELICOPTER

UH-12 HELICOPTER

USE OH-23 HELICOPTER

UH-13 HELICOPTER

USE OH-13 HELICOPTER

UH-34 HELICOPTER

UF HUS-1 HELICOPTER
 SEAHORSE HELICOPTER
 GS SIKORSKY AIRCRAFT
UH-34 HELICOPTER
 TRANSPORT AIRCRAFT
UH-34 HELICOPTER
 UTILITY AIRCRAFT
UH-34 HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
UH-34 HELICOPTER
 RT S-58 HELICOPTER

UH-60A HELICOPTER

UF YUH-60A HELICOPTER
 SIKORSKY AIRCRAFT
 GS **UH-60A HELICOPTER**
 TRANSPORT AIRCRAFT
UH-60A HELICOPTER
 UTILITY AIRCRAFT
UH-60A HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
UH-60A HELICOPTER

NASA THESAURUS (VOLUME 1)

UH-60A HELICOPTER-(CONT)

RT HELICOPTER DESIGN
 UH-1 HELICOPTER

UH-61A HELICOPTER

UF YUH-61A HELICOPTER
 SIKORSKY AIRCRAFT
 GS **UH-61A HELICOPTER**
 TRANSPORT AIRCRAFT
UH-61A HELICOPTER
 UTILITY AIRCRAFT
UH-61A HELICOPTER
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
UH-61A HELICOPTER
 RT HELICOPTER DESIGN
 UH-1 HELICOPTER

UHTREX (NUCLEAR REACTORS)

USE HIGH TEMPERATURE NUCLEAR
 REACTORS

UHURU SATELLITE

UF EXPLORER 42 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
UHURU SATELLITE
 RT EXTARS
 GALACTIC RADIATION
 SAS
 SATELLITE OBSERVATION
 X RAY ASTRONOMY

UK SATELLITES

UF UNITED KINGDOM SATELLITES
 GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
UK SATELLITES
 UK 4 SATELLITE
 RT SKYNET SATELLITES
 UK SPACE PROGRAM

UK SPACE PROGRAM

GS PROGRAMS
 SPACE PROGRAMS
UK SPACE PROGRAM
 RT UK SATELLITES
 UNITED KINGDOM

UK 4 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
 UK SATELLITES
UK 4 SATELLITE

ULCERS

GS DISEASES
ULCERS
 RT CANCER

ULLAGE

RT FUEL TANK PRESSURIZATION
 FUEL TANKS
 INTERFACE STABILITY
 LIQUID SLOSHING
 PROPELLANT TANKS
 SPLASHING
 TANK GEOMETRY
 ULLAGE ROCKET ENGINES

ULLAGE ROCKET ENGINES

GS ENGINES
 ROCKET ENGINES
ULLAGE ROCKET ENGINES
 TORPEDO ENGINES
ULLAGE ROCKET ENGINES
 RT SOLID PROPELLANT ROCKET ENGINES
 ULLAGE

ULM (LIGHT MODULATION)

USE ULTRASONIC LIGHT MODULATION

ULNA

GS ANATOMY
 MUSCULOSKELETAL SYSTEM
 BONES
ULNA
 RT ARM (ANATOMY)
 ELBOW (ANATOMY)

NASA THESAURUS (VOLUME 1)

ULTRA SHORT WAVE RADIO EQUIPMENT
USE VERY HIGH FREQUENCY RADIO EQUIPMENT

ULTRAHIGH FREQUENCIES

UF L BAND
S BAND
GS FREQUENCIES
RADIO FREQUENCIES
ULTRAHIGH FREQUENCIES
P BAND
RT DECIMETER WAVES
EISCAT RADAR SYSTEM (EUROPE)
FLEET SATELLITE COMMUNICATION SYSTEM
LOW FREQUENCY BANDS
PASSIVE L-BAND RADIOMETERS
PRAETERSONIC DEVICES
UNIFIED S BAND
VERY HIGH FREQUENCY RADIO EQUIPMENT

ULTRAHIGH VACUUM

GS PRESSURE
VACUUM
ULTRAHIGH VACUUM
RT HIGH VACUUM
LOW DENSITY RESEARCH
RESIDUAL GAS
VACUUM APPARATUS
VACUUM TESTS

ULTRALIGHT AIRCRAFT

RT ∞ AIRCRAFT
HANG GLIDERS
LIGHT AIRCRAFT
MAN POWERED AIRCRAFT
∞ WINGED VEHICLES

ULTRALOW FREQUENCIES

USE EXTREMELY LOW RADIO FREQUENCIES

ULTRALOW TEMPERATURES

GS TEMPERATURE
LOW TEMPERATURE
ULTRALOW TEMPERATURES
RT ABSOLUTE ZERO
COLD TRAPS
CRITICAL TEMPERATURE
CRYOGENIC FLUIDS
CRYOGENICS
CURIE TEMPERATURE
SOLIDIFIED GASES
SPACE TEMPERATURE

ULTRAPURE METALS

GS METALS
ULTRAPURE METALS
RT CRYSTAL LATTICES
IMPURITIES
PURIFICATION
PURITY
SINGLE CRYSTALS
SPACE PROCESSING
VAPOR DEPOSITION
ZONE MELTING

ULTRASHORT PULSED LASERS

GS STIMULATED EMISSION DEVICES
LASERS
PULSED LASERS
ULTRASHORT PULSED LASERS
RT GLASS LASERS
LASER APPLICATIONS
LIGHT AMPLIFIERS
PULSE DURATION
QUANTUM AMPLIFIERS
STIMULATED EMISSION

ULTRASONIC AGITATION

GS AGITATION
ULTRASONIC AGITATION
RT ULTRASONICS

ULTRASONIC CLEANING

GS CLEANING
ULTRASONIC CLEANING
RT ACOUSTICS
CAVITATION FLOW
CLEANERS
ETCHING
FLUID FLOW
GRINDING MACHINES
MACHINE TOOLS

ULTRASONIC CLEANING-(CONT)

PIEZOELECTRIC TRANSDUCERS
POLISHING
TOOLS
TRANSDUCERS
ULTRASONICS

ULTRASONIC DENSIMETERS

GS MEASURING INSTRUMENTS
DENSIMETERS
ULTRASONIC DENSIMETERS
RT DENSITY (MASS/VOLUME)
DENSITY MEASUREMENT
∞ INSTRUMENTS
∞ MEASUREMENT

ULTRASONIC FLAW DETECTION

GS DETECTION
ULTRASONIC FLAW DETECTION
RT ∞ DETECTORS
EXAMINATION
IDENTIFYING
INSPECTION
NONDESTRUCTIVE TESTS
QUALITY CONTROL
ULTRASONIC SCANNERS

ULTRASONIC GRINDING MACHINES

USE ULTRASONIC MACHINING

ULTRASONIC LIGHT MODULATION

UF ULM (LIGHT MODULATION)
GS MODULATION
LIGHT MODULATION
ULTRASONIC LIGHT MODULATION
RT ULTRASONICS

ULTRASONIC MACHINING

UF ULTRASONIC GRINDING MACHINES
GS MACHINING
ULTRASONIC MACHINING
RT ULTRASONICS

ULTRASONIC RADIATION

UF ULTRASONIC WAVES
GS ELASTIC WAVES
ULTRASONIC RADIATION
RT COHERENT ACOUSTIC RADIATION
MAGNETOELASTIC WAVES
∞ RADIATION
SOUND WAVES
ULTRASONICS
UNDERWATER ACOUSTICS

ULTRASONIC SCANNERS

GS SCANNERS
ULTRASONIC SCANNERS
RT ACOUSTICS
IMAGING TECHNIQUES
MEASURING INSTRUMENTS
SCANNING
ULTRASONIC FLAW DETECTION
ULTRASONICS

ULTRASONIC SOLDERING

UF SONIC SOLDERING
GS SOLDERING
ULTRASONIC SOLDERING
RT ∞ JOINING
ULTRASONICS

ULTRASONIC SPECTROSCOPY

GS SPECTROSCOPY
ULTRASONIC SPECTROSCOPY
RT CRACKS
NONDESTRUCTIVE TESTS
SPECTRUM ANALYSIS

ULTRASONIC TESTS

RT ACOUSTIC MEASUREMENT
ACOUSTIC SOUNDING
DYNAMIC MODULUS OF ELASTICITY
LAMB WAVES
∞ MATERIALS TESTS
NONDESTRUCTIVE TESTS
∞ TESTS
ULTRASONICS

ULTRASONIC WAVE TRANSDUCERS

GS TRANSDUCERS
ULTRASONIC WAVE TRANSDUCERS
RT ELECTRONIC TRANSDUCERS
MICROPHONES
PRESSURE SENSORS

ULTRAVIOLET PHOTOGRAPHY

ULTRASONIC WAVE TRANSDUCERS-(CONT)

SONAR
SURFACE ACOUSTIC WAVE DEVICES
ULTRASONICS
UNDERWATER ACOUSTICS

ULTRASONIC WAVES

USE ULTRASONIC RADIATION

ULTRASONIC WELDING

GS WELDING
PRESSURE WELDING
ULTRASONIC WELDING
RT SPOT WELDS
ULTRASONICS

ULTRASONICS

RT ACOUSTICS
ULTRASONIC AGITATION
ULTRASONIC CLEANING
ULTRASONIC LIGHT MODULATION
ULTRASONIC MACHINING
ULTRASONIC RADIATION
ULTRASONIC SCANNERS
ULTRASONIC SOLDERING
ULTRASONIC TESTS
ULTRASONIC WAVE TRANSDUCERS
ULTRASONIC WELDING

ULTRAVIOLET ABSORPTION

GS ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
ULTRAVIOLET ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
ULTRAVIOLET ABSORPTION
RT ∞ ABSORPTION

ULTRAVIOLET ASTRONOMY

GS ASTRONOMY
ULTRAVIOLET ASTRONOMY
RT ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET EXPLORER
SATELLITE
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
SPARTAN SATELLITES
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES

ULTRAVIOLET FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
OPTICAL FILTERS
ULTRAVIOLET FILTERS
RT BANDPASS FILTERS
ELECTRIC FILTERS
INFRARED FILTERS

ULTRAVIOLET LASERS

UF UV LASERS
GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
ULTRAVIOLET LASERS
PULSED LASERS
ULTRAVIOLET LASERS
RT COHERENT LIGHT
LASER OUTPUTS
LIGHT AMPLIFIERS
LIGHT TRANSMISSION
MASERS
MOLECULAR OSCILLATORS
NITROGEN LASERS
QUANTUM AMPLIFIERS
STIMULATED EMISSION
XENON CHLORIDE LASERS

ULTRAVIOLET LIGHT

USE ULTRAVIOLET RADIATION

ULTRAVIOLET MICROSCOPY

GS MICROSCOPY
ULTRAVIOLET MICROSCOPY
RT MICROSCOPES

ULTRAVIOLET PHOTOGRAPHY

GS PHOTOGRAPHY
ULTRAVIOLET PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
CAMERAS
COLOR PHOTOGRAPHY
FAINT OBJECT CAMERA
INFRARED PHOTOGRAPHY

ULTRAVIOLET PHOTOMETRY

ULTRAVIOLET PHOTOGRAPHY-(CONT)

RADAR PHOTOGRAPHY

ULTRAVIOLET PHOTOMETRY

GS IMAGERY

ULTRAVIOLET PHOTOMETRY

OPTICAL MEASUREMENT

PHOTOMETRY

ULTRAVIOLET PHOTOMETRY

PHOTOGRAPHY

ULTRAVIOLET PHOTOMETRY

RT BLACK AND WHITE PHOTOGRAPHY

ULTRAVIOLET RADIATION

UF ULTRAVIOLET LIGHT

GS ELECTROMAGNETIC RADIATION

ULTRAVIOLET RADIATION

EXTREME ULTRAVIOLET RADIATION

FAR ULTRAVIOLET RADIATION

LYMAN ALPHA RADIATION

LYMAN BETA RADIATION

NEAR ULTRAVIOLET RADIATION

IONIZING RADIATION

ULTRAVIOLET RADIATION

EXTREME ULTRAVIOLET RADIATION

FAR ULTRAVIOLET RADIATION

LYMAN ALPHA RADIATION

LYMAN BETA RADIATION

NEAR ULTRAVIOLET RADIATION

RT BEAMS (RADIATION)

BLACK BODY RADIATION

CERENKOV RADIATION

COHERENT ELECTROMAGNETIC

RADIATION

CORONAL HOLES

DAYGLOW

IUE

MICROCHANNELS

MONOCHROMATIC RADIATION

POLARIZED ELECTROMAGNETIC

RADIATION

∞ RADIATION

SEYFERT GALAXIES

SOLAR RADIATION

STERILIZATION

SUNLIGHT

THERMAL RADIATION

UMKEHR EFFECT

ULTRAVIOLET REFLECTION

GS REFLECTION

ULTRAVIOLET REFLECTION

RT INFRARED REFLECTION

RADIO ECHOES

REFLECTOMETERS

SPREAD REFLECTION

ULTRAVIOLET SPECTRA

GS SPECTRA

RADIATION SPECTRA

ELECTROMAGNETIC SPECTRA

ULTRAVIOLET SPECTRA

RT ABSORPTION SPECTRA

EMISSION SPECTRA

HERZBERG BANDS

LIGHT (VISIBLE RADIATION)

LINE SPECTRA

LYMAN SPECTRA

MOLECULAR SPECTRA

RADIO SPECTROSCOPY

SOLAR SPECTRA

STELLAR SPECTRA

ULTRAVIOLET SPECTROGRAPHS

USE ULTRAVIOLET SPECTROMETERS

ULTRAVIOLET SPECTROMETERS

UF ULTRAVIOLET SPECTROGRAPHS

GS MEASURING INSTRUMENTS

OPTICAL MEASURING INSTRUMENTS

PHOTOMETERS

ULTRAVIOLET SPECTROMETERS

RADIATION MEASURING INSTRUMENTS

ACTINOMETERS

ULTRAVIOLET SPECTROMETERS

PHOTOMETERS

ULTRAVIOLET SPECTROMETERS

SPECTROMETERS

ULTRAVIOLET SPECTROMETERS

HIGH DISPERSION

SPECTROGRAPHS

OPTICAL EQUIPMENT

OPTICAL MEASURING INSTRUMENTS

PHOTOMETERS

ULTRAVIOLET SPECTROMETERS

ULTRAVIOLET SPECTROMETERS-(CONT)

RT EBERT SPECTROMETERS

SOLAR MAXIMUM MISSION

SOLAR SPECTROMETERS

ULTRAVIOLET SPECTROPHOTOMETERS

GS MEASURING INSTRUMENTS

OPTICAL MEASURING INSTRUMENTS

PHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

SPECTROPHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

RADIATION MEASURING INSTRUMENTS

ACTINOMETERS

SPECTROPHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

PHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

OPTICAL EQUIPMENT

OPTICAL MEASURING INSTRUMENTS

PHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

SPECTROPHOTOMETERS

ULTRAVIOLET

SPECTROPHOTOMETERS

ULTRAVIOLET SPECTROSCOPY

GS SPECTROSCOPY

ULTRAVIOLET SPECTROSCOPY

RT ABSORPTION SPECTROSCOPY

ASTRONOMICAL SPECTROSCOPY

MOLECULAR SPECTROSCOPY

OPTOGALVANIC SPECTROSCOPY

RADIO SPECTROSCOPY

SPECTROSCOPIC ANALYSIS

SPECTRUM ANALYSIS

VACUUM SPECTROSCOPY

X RAY SPECTROSCOPY

ULTRAVIOLET TELESCOPES

GS TELESCOPES

ASTRONOMICAL TELESCOPES

ULTRAVIOLET TELESCOPES

RT FAR ULTRAVIOLET RADIATION

SPACEBORNE ASTRONOMY

ULTRAVIOLET ASTRONOMY

X RAY ASTRONOMY

ULYSSES MISSION

UF INTERNATIONAL SOLAR POLAR MISSION

GS SPACE MISSIONS

ULYSSES MISSION

RT INERTIAL UPPER STAGE

MISSION PLANNING

∞ MISSIONS

SOLAR MAXIMUM MISSION

SOLAR PROBES

SUN

UMBILICAL CONNECTORS

GS CONNECTORS

UMBILICAL CONNECTORS

RT BUNDLES

EXTRAVEHICULAR ACTIVITY

TETHERLINES

UMBILICAL TOWERS

GS TOWERS

UMBILICAL TOWERS

RT GANTRY CRANES

LAUNCHING PADS

UMBRAS

RT

ECLIPSES

PENUMBRAS

SHADOWS

UMKEHR EFFECT

RT ∞ EFFECTS

LIGHT SCATTERING

OZONOSPHERE

SUNLIGHT

ULTRAVIOLET RADIATION

UMKLAPP PROCESS

RT ELECTRON SCATTERING

PHONON BEAMS

PHONONS

PHOTON-ELECTRON INTERACTION

UMKLAPP PROCESS-(CONT)

∞ PROCESSES

UNCAMBERED WINGS

GS AIRFOILS

WINGS

UNCAMBERED WINGS

RING WINGS

RT CAMBERED WINGS

FIXED WINGS

THIN WINGS

TWISTED WINGS

UNCONSCIOUSNESS

GS UNCONSCIOUSNESS

BLACKOUT (PHYSIOLOGY)

BLACKOUT PREVENTION

NARCOSIS

RT ANESTHESIA

∞ COMA

SYNCOPE

UNCONTROLLED REENTRY (SPACECRAFT)

GS ATMOSPHERIC ENTRY

REENTRY

HYPERSONIC REENTRY

UNCONTROLLED REENTRY

(SPACECRAFT)

SPACECRAFT REENTRY

UNCONTROLLED REENTRY

(SPACECRAFT)

RT AERODYNAMIC HEATING

COSMOS 954 SATELLITE

DESCENT

∞ ENTRY

FLIGHT PATHS

PLASMA SHEATHS

SPACECRAFT SURVIVABILITY

UNCOUPLED MODES

GS MODES

VIBRATION MODE

UNCOUPLED MODES

RT COUPLED MODES

COUPLES

MODES (STANDING WAVES)

UNDAMPED OSCILLATIONS

GS OSCILLATIONS

UNDAMPED OSCILLATIONS

RT FLAPPING

FLUTTER

RESONANT VIBRATION

STABLE OSCILLATIONS

WING OSCILLATIONS

UNDER SURFACE BLOWING

RT AERODYNAMIC CHARACTERISTICS

AIRCRAFT CONFIGURATIONS

CIRCULATION CONTROL AIRFOILS

LIFT

∞ SURFACES

UPPER SURFACE BLOWING

UNDERCARRIAGES

GS FRAMES

UNDERCARRIAGES

RT CARRIAGES

CARTS

CHASSIS

DOLLIES

LANDING GEAR

SUBSTRUCTURES

SUSPENSION SYSTEMS (VEHICLES)

UNDERGROUND ACOUSTICS

RT ACOUSTIC SOUNDING

EXPLORATION

MINERALS

STRATA

UNDERGROUND COMMUNICATION

GS COMMUNICATING

UNDERGROUND COMMUNICATION

RT RADIO COMMUNICATION

UNDERGROUND EXPLOSIONS

GS EXPLOSIONS

UNDERGROUND EXPLOSIONS

RT CHEMICAL EXPLOSIONS

GAS EXPLOSIONS

MINES (EXCAVATIONS)

NUCLEAR EXPLOSIONS

SEISMIC WAVES

UNDERGROUND EXPLOSIONS-(CONT)
THERMONUCLEAR EXPLOSIONS

UNDERGROUND RADIO ANTENNA GRID (NAVY)
USE SEAFARER PROJECT

UNDERGROUND STORAGE
RT DECOMMISSIONING
MINES (EXCAVATIONS)
MISSILE STORAGE
PROPELLANT STORAGE
∞ STORAGE
STORAGE TANKS

UNDERGROUND STRUCTURES
RT CAVES
EXCAVATION
FOUNDATIONS
MINES (EXCAVATIONS)
MINING
PASSAGEWAYS
TUNNELING (EXCAVATION)

UNDERGROUND TRANSMISSION LINES
GS TRANSMISSION LINES
UNDERGROUND TRANSMISSION LINES
RT CIRCUITS
ELECTRIC POWER TRANSMISSION
∞ LINES
∞ NETWORKS
POWER LINES

UNDERWATER ACOUSTICS
UF HYDROACOUSTICS
UNDERWATER SOUND
GS ACOUSTICS
UNDERWATER ACOUSTICS
RT ACOUSTIC SCATTERING
COHERENT ACOUSTIC RADIATION
DEEP SCATTERING LAYERS
ECHO SOUNDING
ELASTIC WAVES
LOFAR
NOISE (SOUND)
SHOCK WAVES
SONAR
SONOBUOYS
SOUND FIXING AND RANGING
SOUND TRANSDUCERS
THERMOCLINES
ULTRASONIC RADIATION
ULTRASONIC WAVE TRANSDUCERS

UNDERWATER BREATHING APPARATUS
GS BREATHING APPARATUS
UNDERWATER BREATHING APPARATUS
RT ARGON-OXYGEN ATMOSPHERES
BIOENGINEERING
HELIUM-OXYGEN ATMOSPHERES
LIFE SUPPORT SYSTEMS

UNDERWATER COMMUNICATION
GS TELECOMMUNICATION
COMMUNICATION
UNDERWATER COMMUNICATION
RT SEAFARER PROJECT
SHOCK WAVES
SONAR
SONOBUOYS
SOUND TRANSDUCERS

UNDERWATER ENGINEERING
RT BREAKWATERS
∞ ENGINEERING
SUBMERGED BODIES

UNDERWATER EXPLOSIONS
GS EXPLOSIONS
UNDERWATER EXPLOSIONS
RT ANTISUBMARINE WARFARE
CHEMICAL EXPLOSIONS
HYDROBALLISTICS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS

UNDERWATER OPTICS
RT DIFFRACTION PATTERNS
DIFFRACTION PROPAGATION
GEOMETRICAL OPTICS
OPACITY
OPTICAL DENSITY
OPTICAL PATHS
∞ OPTICS

UNDERWATER OPTICS-(CONT)
REFRACTIVITY

UNDERWATER PHOTOGRAPHY
GS PHOTOGRAPHY
UNDERWATER PHOTOGRAPHY
RT CAMERAS
COLOR PHOTOGRAPHY
SEA WATER
SEAS
SUBMERGED BODIES

UNDERWATER PHYSIOLOGY
GS PHYSIOLOGY
UNDERWATER PHYSIOLOGY
RT DIVING (UNDERWATER)
∞ SCIENCE
STRESS (PHYSIOLOGY)

UNDERWATER PROPULSION
GS PROPULSION
MARINE PROPULSION
UNDERWATER PROPULSION
SUBMARINE PROPULSION
RT AEROQUATIC VEHICLES
CHEMICAL PROPULSION
ELECTRIC PROPULSION
NUCLEAR PROPULSION
PROPELLER DRIVE
TORPEDO ENGINES

UNDERWATER RESEARCH LABORATORIES
GS LABORATORIES
UNDERWATER RESEARCH LABORATORIES
RESEARCH VEHICLES
UNDERWATER RESEARCH LABORATORIES
SUBMERGED BODIES
UNDERWATER RESEARCH LABORATORIES
WATER VEHICLES
UNDERWATER VEHICLES
UNDERWATER RESEARCH LABORATORIES
RT BATHYMETERS
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHY

UNDERWATER RESOURCES
GS RESOURCES
EARTH RESOURCES
UNDERWATER RESOURCES
RT CRUDE OIL
DREDGING
FOSSIL FUELS
GEOTHERMAL RESOURCES
MARINE RESOURCES
MINERAL DEPOSITS
OCEAN BOTTOM
OCEANOGRAPHY
OIL EXPLORATION
SEA WATER
WATER RESOURCES

UNDERWATER SOUND
USE UNDERWATER ACOUSTICS

UNDERWATER STRUCTURES
RT BREAKWATERS
STRUCTURAL DESIGN
SUBMERGED BODIES

UNDERWATER TESTS
GS ENVIRONMENTAL TESTS
UNDERWATER TESTS
RT CORROSION TESTS
DIVING (UNDERWATER)
WATER IMMERSION

UNDERWATER TO SURFACE MISSILES
GS MISSILES
UNDERWATER TO SURFACE MISSILES
SUBROC MISSILE
RT ∞ SURFACES

UNDERWATER TRAJECTORIES
GS TRAJECTORIES
UNDERWATER TRAJECTORIES
RT ANTISUBMARINE WARFARE
HYDROBALLISTICS
MISSILE TRAJECTORIES
SUBROC MISSILE
TORPEDOES

UNDERWATER VEHICLES
GS WATER VEHICLES
UNDERWATER VEHICLES
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
UNDERWATER RESEARCH
LABORATORIES
RT AEROQUATIC VEHICLES
BOATS
∞ MILITARY VEHICLES
RESEARCH VEHICLES
SHIPS
SUBMERGED BODIES
SURFACE VEHICLES
∞ VEHICLES

UNIAXIAL STRAIN
USE AXIAL STRAIN

UNIDENTIFIED FLYING OBJECTS
UF UFO
RT ∞ AIRCRAFT
EXTRATERRESTRIAL INTELLIGENCE
SATELLITES
∞ SPACECRAFT
∞ VEHICLES

UNIFIED FIELD THEORY
GS FIELD THEORY (PHYSICS)
UNIFIED FIELD THEORY
RT EINSTEIN EQUATIONS
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC INTERACTIONS
ELECTROMAGNETISM
GRAVITATION THEORY
GRAVITATIONAL FIELDS
PARTICLE THEORY
PLASMA PHYSICS
RELATIVITY
THEORETICAL PHYSICS

UNIFIED S BAND
RT APOLLO SPACECRAFT
CARRIER FREQUENCIES
CIRCUMLUNAR COMMUNICATION
COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE
MODULATION
MANNED SPACE FLIGHT NETWORK
PULSE CODE MODULATION
SPACECRAFT COMMUNICATION
SPACECRAFT TRACKING
SUPERHIGH FREQUENCIES
ULTRAHIGH FREQUENCIES

UNIFORM FLOW
GS FLUID FLOW
UNIFORM FLOW
BLASIUS FLOW
RT AERODYNAMICS
FLUID DYNAMICS
GAS FLOW
HEAT TRANSMISSION
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW
NONUNIFORM FLOW
PIPE FLOW
PRESSURE GRADIENTS
QUASI-STEADY STATES
SINGLE-PHASE FLOW
SOLIDS FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

UNIMOLECULAR STRUCTURES
RT MOLECULAR STRUCTURE
∞ STRUCTURES

UNIONIZATION
RT FEDERATIONS
ORGANIZING
PERSONNEL
∞ UNIONS

∞ UNIONS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)

UNIONS (CONNECTORS)

UNIONS-(CONT)

RT BOOLEAN ALGEBRA
UNIONIZATION
UNIONS (CONNECTORS)

UNIONS (CONNECTORS)

GS CONNECTORS
UNIONS (CONNECTORS)
RT COUPLINGS
FASTENERS
FITTINGS
JOINTS (JUNCTIONS)
LINKAGES
∞ UNIONS

UNIPHASE FLOW

USE SINGLE-PHASE FLOW

UNIPOLAR TRANSISTORS

USE FIELD EFFECT TRANSISTORS

UNIQUENESS

RT ABNORMALITIES
SINGULARITY (MATHEMATICS)

UNIQUENESS THEOREM

GS THEOREMS
UNIQUENESS THEOREM
RT ALGEBRA
COMPLEX VARIABLES
GEOMETRY
NUMBER THEORY
PROBABILITY THEORY
REAL VARIABLES

UNITED ARAB EMIRATES

GS NATIONS
UNITED ARAB EMIRATES

UNITED KINGDOM

UF GREAT BRITAIN
GS NATIONS
UNITED KINGDOM
ENGLAND
SCOTLAND
RT ENGLISH CHANNEL
EUROPE
UK SPACE PROGRAM
UNITED KINGDOM
UNITED KINGDOM

UNITED KINGDOM SATELLITES

USE UK SATELLITES

UNITED NATIONS

RT COMMUNITIES
DEVELOPING NATIONS
FEDERATIONS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
NATIONS
ORGANIZATIONS
POLITICS
SEA LAW
WORLD METEOROLOGICAL
ORGANIZATION

UNITED STATES

UF USA (UNITED STATES)
GS NATIONS
UNITED STATES
ALABAMA
ALASKA
ARIZONA
ARKANSAS
CALIFORNIA
COLORADO
CONNECTICUT
DELAWARE
FLORIDA
GEORGIA
HAWAII
IDAHO
ILLINOIS
INDIANA
IOWA
KANSAS
KENTUCKY
LOUISIANA
MAINE
MARYLAND
MASSACHUSETTS
MICHIGAN
MINNESOTA

UNITED STATES-(CONT)

MISSISSIPPI
MISSOURI
MONTANA
NEBRASKA
NEVADA
NEW HAMPSHIRE
NEW JERSEY
NEW MEXICO
NEW YORK
NORTH CAROLINA
NORTH DAKOTA
OHIO
OKLAHOMA
OREGON
PENNSYLVANIA
RHODE ISLAND
SOUTH CAROLINA
SOUTH DAKOTA
TENNESSEE
TEXAS
UTAH
VERMONT
VIRGINIA
WASHINGTON
WEST VIRGINIA
WISCONSIN
WYOMING
RT ALEUTIAN ISLANDS (US)
CASCADE RANGE (CA-OR-WA)
CENTRAL ATLANTIC REGION (US)
DISTRICT OF COLUMBIA
GREAT LAKES (NORTH AMERICA)
GREAT PLAINS CORRIDOR (NORTH AMERICA)
GUAM
INTERNATIONAL FIELD YEAR FOR
GREAT LAKES
INTERNATIONAL HYDROLOGICAL
DECADE
MISSOURI RIVER (US)
NEW ENGLAND (US)
NORTH AMERICA
PACIFIC NORTHWEST (US)
PANAMA CANAL ZONE
PUERTO RICO
ROCKY MOUNTAINS (NORTH AMERICA)
SOUTHERN CALIFORNIA
VIRGIN ISLANDS

UNITS OF MEASUREMENT

GS UNITS OF MEASUREMENT
INTERNATIONAL SYSTEM OF UNITS
RT CONVERSION TABLES
DIMENSIONAL ANALYSIS
DIMENSIONS
∞ MEASUREMENT
METRICATION
METROLOGY
MONTH
PARAMETERIZATION
SIDEREAL TIME
SYMBOLS
TIME

UNITY

RT HOMOGENEITY
STABILITY

UNIVAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
UNIVAC COMPUTERS
UNIVAC LARC COMPUTER
UNIVAC 80 COMPUTER
UNIVAC 418 COMPUTER
UNIVAC 490 COMPUTER
UNIVAC 494 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER
UNIVAC 1230 COMPUTER
RT DIGITAL COMPUTERS

UNIVAC LARC COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC LARC COMPUTER
UNIVAC COMPUTERS
UNIVAC LARC COMPUTER

NASA THESAURUS (VOLUME 1)

UNIVAC 80 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 80 COMPUTER
UNIVAC COMPUTERS
UNIVAC 80 COMPUTER

UNIVAC 418 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 418 COMPUTER
UNIVAC COMPUTERS
UNIVAC 418 COMPUTER

UNIVAC 490 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 490 COMPUTER
UNIVAC COMPUTERS
UNIVAC 490 COMPUTER

UNIVAC 494 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 494 COMPUTER
UNIVAC COMPUTERS
UNIVAC 494 COMPUTER

UNIVAC 1100 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER

UNIVAC 1105 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER

UNIVAC 1106 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1106 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1106 COMPUTER

UNIVAC 1107 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1107 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1107 COMPUTER

UNIVAC 1108 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1108 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1108 COMPUTER

UNIVAC 1110 COMPUTER

GS DATA PROCESSING EQUIPMENT

NASA THESAURUS (VOLUME 1)

UNIVAC 1110 COMPUTER-(CONT)

COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1110 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1110 COMPUTER

UNIVAC 1230 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
UNIVAC 1230 COMPUTER
UNIVAC COMPUTERS
UNIVAC 1230 COMPUTER

UNIVERSAL TIME

GS TIME
UNIVERSAL TIME
RT EPHEMERIS TIME

UNIVERSE

UF METAGALAXY
RT BIG BANG COSMOLOGY
CELESTIAL BODIES
COSMOLOGY
COSMOS
RELIC RADIATION

UNIVERSITIES

UF COLLEGES
RT EDUCATION
INSTRUCTORS
LEARNING
SCHOOLS
STUDENTS

UNIVERSITY PROGRAM

GS PROGRAMS
UNIVERSITY PROGRAM
RT BUREAUS (ORGANIZATIONS)
INVESTIGATION
NASA PROGRAMS
TEAMS

UNLOADING

RT DISCHARGE
DISPOSAL
DUMPING
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EXPULSION
LOADING OPERATIONS
MATERIALS HANDLING
RELEASING
REMOVAL
SPREADING

UNLOADING WAVES

GS ELASTIC WAVES
UNLOADING WAVES

UNMANNED SPACECRAFT

GS UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
SPUTNIK 2 SATELLITE
EXOSAT SATELLITE
EXPLORER 55 SATELLITE
GEODETIC SATELLITES
ANNA SATELLITES
EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE
VANGUARD 1 SATELLITE
HEAO 1
HEAO 2
HEAO 3
NAVIGATION SATELLITES
EXPLORER 22 SATELLITE
NAVSTAR SATELLITES
NOVA SATELLITES
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
PASSIVE SATELLITES

UNMANNED SPACECRAFT-(CONT)

BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
POLYOT SATELLITES
SOLAR OBSERVATORIES
OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
SPACE PROBES
EXPLORER 18 SATELLITE
GIOTTO MISSION
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER VENUS-MERCURY 1973
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER-MERCURY 1973
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC
SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 10 SPACE PROBE
MARS 1 SPACECRAFT

UNMANNED SPACECRAFT

UNMANNED SPACECRAFT-(CONT)

MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING ORBITER 1975
ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
SUNBLAZER SPACE PROBE
VENUS PROBES
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
TECHNOLOGY FEASIBILITY
SPACECRAFT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
GEOPHYSICAL SATELLITES
GRAVITY GRADIENT SATELLITES
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SATELLITES
SIRS B SATELLITE
SPACE CAPSULES
SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT
VOYAGER PROJECT

UNSATURATION (CHEMISTRY)

UNSATURATION (CHEMISTRY)

RT CHEMICAL BONDS
 ∞ CHEMISTRY
 PRECIPITATION (CHEMISTRY)
 ∞ SATURATION
 SATURATION (CHEMISTRY)

UNSTEADY FLOW

UF PULSATING FLOW
 GS FLUID FLOW
 UNSTEADY FLOW
 OSCILLATING FLOW
 RT AERODYNAMICS
 CRITICAL FLOW
 ∞ FLOW
 FLOW STABILITY
 FLOW VELOCITY
 FLUID DYNAMICS
 GAS FLOW
 HEAT TRANSMISSION
 HYDRODYNAMIC COEFFICIENTS
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 METHOD OF CHARACTERISTICS
 MULTIPHASE FLOW
 NONEQUILIBRIUM FLOW
 NONNEWTONIAN FLOW
 NONUNIFORM FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEADY STATE
 STEAM FLOW
 STROUHAL NUMBER
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENCE
 UNIFORM FLOW

UNSTEADY STATE

RT ∞ EQUILIBRIUM
 FLUID DYNAMICS
 METASTABLE STATE
 NONEQUILIBRIUM CONDITIONS
 STABILITY
 STEADY STATE
 SYSTEMS STABILITY
 THERMODYNAMICS

UNSWEPT WINGS

GS AIRFOILS
 WINGS
 UNSWEPT WINGS
 INFINITE SPAN WINGS
 RECTANGULAR WINGS
 RING WINGS
 RT FIXED WINGS
 SWEEPED WINGS
 WING PLANFORMS

UP-CONVERTERS

GS FREQUENCY CONVERTERS
 UP-CONVERTERS
 RT ∞ CONVERTERS
 PARAMETRIC FREQUENCY CONVERTERS
 TRANSFORMERS

UPDRAFTS

USE VERTICAL AIR CURRENTS

UPGRADING

RT BENEFICIATION
 CONCENTRATING
 ENRICHMENT
 EXPERIENCE
 IMPROVEMENT
 PROMOTION
 PUBLIC RELATIONS
 PURIFICATION
 QUALITY
 REFINING

UPLINKING

RT CARRIER TO NOISE RATIOS
 COMMUNICATION SATELLITES
 DOWNLINKING
 FREQUENCY REUSE
 MICROWAVE TRANSMISSION
 SATELLITE TRANSMISSION
 TRANSMISSION EFFICIENCY

UPPER AIR

USE UPPER ATMOSPHERE

UPPER ATMOSPHERE

UF UPPER AIR
 GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 EXOSPHERE
 IONOSPHERE
 E REGION
 E-1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 LOWER IONOSPHERE
 D REGION
 UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 MAGNETOSPHERE
 GEOMAGNETIC TAIL
 MAGNETOPAUSE
 MESOPAUSE
 MESOSPHERE
 THERMOSPHERE
 TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AERONOMY
 CHEMOSPHERE
 HETEROSPHERE
 HIGH ALTITUDE
 HOMOSPHERE
 METEOR TRAILS
 METEOROLOGICAL BALLOONS
 MIDDLE ATMOSPHERE
 OZONOSPHERE
 PLASMASPHERE
 PROTON PRECIPITATION
 RADIATION BELTS
 SATELLITE ATMOSPHERES

UPPER IONOSPHERE

GS EARTH ATMOSPHERE
 UPPER ATMOSPHERE
 IONOSPHERE
 UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 RT E REGION

UPPER STAGE ROCKET ENGINES

GS ENGINES
 ROCKET ENGINES
 UPPER STAGE ROCKET ENGINES
 RT INERTIAL UPPER STAGE
 MULTISTAGE ROCKET VEHICLES
 SPACE SHUTTLE ASCENT STAGE
 SPACECRAFT CONFIGURATIONS
 SPINNING SOLID UPPER STAGE
 STAGE SEPARATION

UPPER SURFACE BLOWING

RT AERODYNAMIC CHARACTERISTICS
 AIRCRAFT CONFIGURATIONS
 CIRCULATION CONTROL AIRFOILS
 LIFT
 ∞ SURFACES
 UNDER SURFACE BLOWING

UPPER SURFACE BLOWN FLAPS

GS AIRFOILS
 FLAPS (CONTROL SURFACES)
 EXTERNALLY BLOWN FLAPS
 UPPER SURFACE BLOWN FLAPS
 CONTROL SURFACES
 FLAPS (CONTROL SURFACES)
 EXTERNALLY BLOWN FLAPS
 UPPER SURFACE BLOWN FLAPS
 RT AIRCRAFT STABILITY
 BOUNDARY LAYER CONTROL
 CONTROL SURFACES
 LIFT AUGMENTATION
 LIFT DEVICES
 ∞ SURFACES

UPPER VOLTA

USE BURKINA

UPSETTING

RT COLD PRESSING
 COLD WORKING
 FORMING TECHNIQUES
 HOT PRESSING
 HOT WORKING

NASA THESAURUS (VOLUME 1)

UPSETTING-(CONT)

PRESSING (FORMING)
 STAMPING

UPSTREAM

RT AIR CURRENTS
 WATER CURRENTS
 WIND DIRECTION

UPWASH

RT DOWNWASH
 ∞ DRAFT
 INTERFERENCE DRAG
 INTERFERENCE LIFT

UPWELLING

USE UPWELLING WATER

UPWELLING WATER

UF UPWELLING
 RT ATMOSPHERIC CIRCULATION
 COASTS
 OCEAN CURRENTS
 WIND (METEOROLOGY)
 WIND DIRECTION

URACIL

GS HETEROCYCLIC COMPOUNDS
 URACIL
 NITROGEN COMPOUNDS
 URACIL
 PYRIMIDINES
 URACIL
 RT ALLOXAN
 URIDYLIC ACID

URANIUM

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 URANIUM PLASMAS
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 URANIUM PLASMAS
 RT FISSIONABLE MATERIALS
 JET MEMBRANE PROCESS
 NUCLEAR FUELS

URANIUM ALLOYS

GS ALLOYS
 URANIUM ALLOYS
 RT NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

URANIUM CARBIDES

GS ACTINIDE SERIES COMPOUNDS
 URANIUM COMPOUNDS
 URANIUM CARBIDES
 CARBON COMPOUNDS
 CARBIDES
 URANIUM CARBIDES
 RT CERAMIC NUCLEAR FUELS
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

URANIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
 URANIUM COMPOUNDS
 URANIUM CARBIDES
 URANIUM FLUORIDES
 URANIUM OXIDES
 RT CERAMIC NUCLEAR FUELS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
 NUCLEAR FUELS

URANIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
 URANIUM COMPOUNDS
 URANIUM FLUORIDES
 HALOGEN COMPOUNDS

URANIUM FLUORIDES-(CONT)

FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
URANIUM FLUORIDES
HALIDES
METAL HALIDES
URANIUM FLUORIDES

URANIUM ISOTOPES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
NUCLIDES
ISOTOPES
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238

URANIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
URANIUM COMPOUNDS
URANIUM OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
URANIUM OXIDES
RT CERAMIC NUCLEAR FUELS
MIXED OXIDES
NUCLEAR FUELS

URANIUM PLASMAS

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM PLASMAS
METALS
ACTINIDE SERIES
URANIUM
URANIUM PLASMAS
RT MAGNETOHYDRODYNAMICS
PLASMA COMPOSITION
PLASMA PHYSICS
RADIOACTIVE MATERIALS

URANIUM 232

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
URANIUM 232
URANIUM ISOTOPES
URANIUM 232
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232

URANIUM 233

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 233
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
URANIUM 233
URANIUM ISOTOPES
URANIUM 233
METALS
ACTINIDE SERIES

URANIUM 233-(CONT)

URANIUM
URANIUM ISOTOPES
URANIUM 233
RT NUCLEAR FUELS

URANIUM 234

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 234
NUCLIDES
ISOTOPES
URANIUM ISOTOPES
URANIUM 234
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 234

URANIUM 235

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 235
NUCLIDES
ISOTOPES
URANIUM ISOTOPES
URANIUM 235
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 235
RT NUCLEAR FUELS

URANIUM 238

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 238
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
URANIUM 238
URANIUM ISOTOPES
URANIUM 238
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 238
RT NUCLEAR FUELS

URANUS (PLANET)

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
URANUS (PLANET)
URANUS RINGS
URANUS SATELLITES
RT URANUS ATMOSPHERE

URANUS ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
URANUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
∞ ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
URANUS (PLANET)

URANUS RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
URANUS RINGS
PLANETS
GAS GIANT PLANETS
URANUS (PLANET)
URANUS RINGS
RT JUPITER RINGS
NATURAL SATELLITES
PLANETARY STRUCTURE
∞ RINGS
SATURN RINGS

URANUS SATELLITES

GS CELESTIAL BODIES
NATURAL SATELLITES
URANUS SATELLITES
PLANETS
GAS GIANT PLANETS
URANUS (PLANET)
URANUS SATELLITES

URBAN AREAS

USE CITIES

URBAN DEVELOPMENT

RT CITIES
COMMUNITIES
∞ DEVELOPMENT
ECONOMIC DEVELOPMENT
INDUSTRIAL AREAS
LAND USE
MEGALOPOLISES
OPERATIONS RESEARCH
PARKS
PLANNING
∞ PLANS
REGIONAL PLANNING
RESIDENTIAL AREAS
RESOURCES
STARSITE PROGRAM
TECHNOLOGIES

URBAN PLANNING

GS PLANNING
∞ REGIONAL PLANNING
URBAN PLANNING
RT CENSUS
CITIES
COMMUNITIES
HEAT ISLANDS
HIGHWAYS
LAND MANAGEMENT
LAND USE
PARKS
PUBLIC HEALTH
RECREATION
SOCIAL FACTORS
SOCIOLOGY
STARSITE PROGRAM
STREETS

URBAN RESEARCH

RT CITIES
COMMUNITIES
LAND USE
RECREATION
SOCIAL FACTORS
STREETS

URBAN TRANSPORTATION

GS TRANSPORTATION
URBAN TRANSPORTATION
RT AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
INDUSTRIAL AREAS
MEGALOPOLISES
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
REGIONAL PLANNING
SURFACE VEHICLES

UREAS

GS NITROGEN COMPOUNDS
AMIDES
UREAS
DIFLUOROUREA
THIOUREAS
THIURONIUM
RT DIURETICS
FERTILIZERS
URINE

URETHANES

GS ALIPHATIC COMPOUNDS
CARBAMATES (TRADENAME)
URETHANES
ESTERS
CARBAMATES (TRADENAME)
URETHANES
POISONS
CARBAMATES (TRADENAME)
URETHANES
RT CYANATES

URIC ACID

URIC ACID

GS ACIDS
URIC ACID
FUNGICIDES
XANTHINES
URIC ACID
HETEROCYCLIC COMPOUNDS
XANTHINES
URIC ACID
NITROGEN COMPOUNDS
XANTHINES
URIC ACID
PURINES
XANTHINES
URIC ACID
RT ALLOXAN

URIDYLIC ACID

GS ACIDS
AMINO ACIDS
URIDYLIC ACID
NUCLEIC ACIDS
URIDYLIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
URIDYLIC ACID
NUCLEOTIDES
URIDYLIC ACID
PHOSPHORUS COMPOUNDS
ORGANIC PHOSPHORUS COMPOUNDS
URIDYLIC ACID
PHOSPHATES
URIDYLIC ACID
PROTEINS
NUCLEOTIDES
URIDYLIC ACID
RT URACIL

URINALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
URINALYSIS
RT DIABETES MELLITUS
PHYSIOLOGICAL TESTS
URINE

URINATION

UF MICTURITION
RT DIURESIS
URINE
WATER BALANCE

URINE

GS BODY FLUIDS
URINE
WASTES
LIQUID WASTES
URINE
METABOLIC WASTES
HUMAN WASTES
URINE
RT ANTIDIURETICS
CREATININE
EXCRETION
FECES
HEMATURIA
KIDNEYS
UREAS
URINALYSIS
URINATION

UROGRAPHY

GS IMAGERY
RADIOGRAPHY
UROGRAPHY
PHOTOGRAPHY
UROGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY

UROLITHIASIS

GS DISEASES
UROLITHIASIS
RT CALCULI
KIDNEYS
UROLOGY

UROLOGY

GS MEDICAL SCIENCE
UROLOGY
RT BLADDER
GENITOURINARY SYSTEM
KIDNEYS
UROLITHIASIS

URUGUAY

GS NATIONS
URUGUAY
RT SOUTH AMERICA

US-2A AIRCRAFT

USE S-2 AIRCRAFT

USA (UNITED STATES)

USE UNITED STATES

USER MANUALS (COMPUTER PROGRAMS)

GS DOCUMENTS
HANDBOOKS
USER MANUALS (COMPUTER PROGRAMS)
MANUALS
USER MANUALS (COMPUTER PROGRAMS)

RT COMPUTER PROGRAMS
PROGRAMS
REPORT GENERATORS
∞ ROUTINES
SUBROUTINES

USER REQUIREMENTS

RT COMMERCE LAB
INTERNATIONAL COOPERATION
REQUIREMENTS
SPECIFICATIONS

USNS KINGSFORT

USE SATELLITE COMMUNICATIONS SHIPS

UTAH

GS NATIONS
UNITED STATES
UTAH
RT COLORADO PLATEAU (US)
COLORADO RIVER (NORTH AMERICA)
GREAT BASIN (US)
GREAT SALT LAKE (UT)

UTERUS

GS ANATOMY
GENITOURINARY SYSTEM
UTERUS
REPRODUCTIVE SYSTEMS
UTERUS
RT ∞ REPRODUCTION

UTILITIES

RT ∞ ELECTRIC EQUIPMENT
∞ ELECTRIC POWER
GARBAGE
INDUSTRIES
INTEGRATED ENERGY SYSTEMS
LOGISTICS
MODULAR INTEGRATED UTILITY SYSTEM
SERVICES
SITE SELECTION
TELEPHONES
WASTE DISPOSAL
WATER

UTILITY AIRCRAFT

GS UTILITY AIRCRAFT
BO-105 HELICOPTER
C-140 AIRCRAFT
DHC 4 AIRCRAFT
DHC 5 AIRCRAFT
DO-27 AIRCRAFT
DO-28 AIRCRAFT
HC-3 HELICOPTER
HH-43 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
P-531 HELICOPTER
PD-808 AIRCRAFT
S-2 AIRCRAFT
SAAB 105 AIRCRAFT
T-39 AIRCRAFT
U-2 AIRCRAFT
U-10 AIRCRAFT
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
WESTLAND WHIRLWIND HELICOPTER
XV-8A AIRCRAFT
Z-37 AIRCRAFT
RT ∞ AIRCRAFT
BIPLANES

NASA THESAURUS (VOLUME 1)

UTILITY AIRCRAFT-(CONT)

CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
HELICOPTERS
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
OBSERVATION AIRCRAFT
RECONNAISSANCE AIRCRAFT
SNOW AIRCRAFT
∞ SUBSONIC AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRANSPORT AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

UTILIZATION

UF APPLICATION
GS UTILIZATION
COAL UTILIZATION
GEOTHERMAL ENERGY UTILIZATION
LASER APPLICATIONS
LASER CUTTING
LASER FUSION
REUSE
WASTE ENERGY UTILIZATION
WASTE UTILIZATION
WINDPOWER UTILIZATION
RT CONSUMPTION
DEPLETION
EFFICIENCY
TECHNOLOGY UTILIZATION

UTRICLE

RT PLANTS (BOTANY)
SEEDS

UV CETI STARS

USE FLARE STARS

UV LASERS

USE ULTRAVIOLET LASERS

V

V BAND

USE EXTREMELY HIGH FREQUENCIES

V GROOVES

GS GROOVES
V GROOVES
RT MACHINING
NOTCHES

V-1 MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
V-1 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
PULSEJET ENGINES

V-2 MISSILE

GS MISSILES
BALLISTIC MISSILES
V-2 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

V-3 AIRCRAFT

USE XV-3 AIRCRAFT

V-4 AIRCRAFT

USE XV-4 AIRCRAFT

V-5 AIRCRAFT

USE XV-5 AIRCRAFT

V-9 AIRCRAFT

USE XV-9A AIRCRAFT

V/STOL AIRCRAFT

UF CONVERTAPLANES
STEEP GRADIENT AIRCRAFT
GS V/STOL AIRCRAFT
CL-84 AIRCRAFT
DO-31 AIRCRAFT
FV-12A AIRCRAFT
G-95/4 AIRCRAFT
G-222 AIRCRAFT
L-29 JET TRAINER
P-1127 AIRCRAFT

V/STOL AIRCRAFT-(CONT)

P-1154 AIRCRAFT
 ROTARY WING AIRCRAFT
 AUTOGYROS
 AVIAN 2/180 AUTOGIRO
 HELICOPTERS
 ALOUPETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 BELL 214A HELICOPTER
 BO-105 HELICOPTER
 CH-21 HELICOPTER
 COMPOUND HELICOPTERS
 H-17 HELICOPTER
 H-54 HELICOPTER
 HC-3 HELICOPTER
 MILITARY HELICOPTERS
 AH-1G HELICOPTER
 AH-64 HELICOPTER
 CH-3 HELICOPTER
 CH-34 HELICOPTER
 CH-46 HELICOPTER
 CH-47 HELICOPTER
 CH-54 HELICOPTER
 H-43 HELICOPTER
 H-53 HELICOPTER
 H-56 HELICOPTER
 H-60 HELICOPTER
 HEAVY LIFT HELICOPTERS
 CH-62 HELICOPTER
 MH-43 HELICOPTER
 OH-4 HELICOPTER
 OH-5 HELICOPTER
 OH-6 HELICOPTER
 OH-13 HELICOPTER
 OH-23 HELICOPTER
 OH-58 HELICOPTER
 OH-50 HELICOPTER
 S-58 HELICOPTER
 S-61 HELICOPTER
 SA-330 HELICOPTER
 UH-1 HELICOPTER
 UH-2 HELICOPTER
 UH-34 HELICOPTER
 UH-60A HELICOPTER
 UH-61A HELICOPTER
 P-531 HELICOPTER
 RIGID ROTOR HELICOPTERS
 CH-3 HELICOPTER
 F-28 HELICOPTER
 XH-51 HELICOPTER
 SH-3 HELICOPTER
 SH-4 HELICOPTER
 SIKORSKY WHIRLWIND HELICOPTER
 TANDEM ROTOR HELICOPTERS
 CH-46 HELICOPTER
 CH-47 HELICOPTER
 H-25 HELICOPTER
 TH-55 HELICOPTER
 WESTLAND WHIRLWIND
 HELICOPTER
 XV-9A AIRCRAFT
 TILT ROTOR AIRCRAFT
 XV-15 AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 BREGUET 940 AIRCRAFT
 BREGUET 941 AIRCRAFT
 C-15 AIRCRAFT
 C-123 AIRCRAFT
 DHC 4 AIRCRAFT
 DHC 5 AIRCRAFT
 QUESTOL
 U-10 AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 FLYING PLATFORMS
 SC-1 AIRCRAFT
 VJ-101 AIRCRAFT
 VZ-8 AIRCRAFT
 X-13 AIRCRAFT
 X-14 AIRCRAFT
 X-19 AIRCRAFT
 X-22 AIRCRAFT
 X-22A AIRCRAFT
 XV-4 AIRCRAFT
 XV 11A AIRCRAFT
 VZ-2 AIRCRAFT
 XV-3 AIRCRAFT
 XV-5 AIRCRAFT
 XV-8A AIRCRAFT
 RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 ATTACK AIRCRAFT
 COMMERCIAL AIRCRAFT
 DRONE AIRCRAFT
 FAN IN WING AIRCRAFT
 FIGHTER AIRCRAFT

V/STOL AIRCRAFT-(CONT)

GROUND EFFECT MACHINES
 H-19 HELICOPTER
 HELIPORTS
 HOVERING
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT HAUL AIRCRAFT
 TILT WING AIRCRAFT
 TRANSPORT AIRCRAFT
 UTILITY AIRCRAFT
 VERTICAL FLIGHT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT

VACANCIES (CRYSTAL DEFECTS)

GS DEFECTS
 CRYSTAL DEFECTS
 POINT DEFECTS
 VACANCIES (CRYSTAL DEFECTS)
 FRENKEL DEFECTS
 RT HOLES (ELECTRON DEFICIENCIES)
 SQUARE WELLS

VACCINES

GS **VACCINES**
 INOCULUM
 RT ANTIBODIES
 ANTIGENS
 ANTISERUMS
 BACTERIOLOGY
 BIOCOMPATIBILITY
 DISEASES
 DRUGS
 EPIDEMIOLOGY
 INOCULATION
 TOXICOLOGY
 TOXINS AND ANTITOXINS

VACILLATION

RT DITHERS
 HUMAN REACTIONS

VACUUM

UF ASPIRATION
 GS PRESSURE
 VACUUM
 HIGH VACUUM
 LOW VACUUM
 ULTRAHIGH VACUUM
 RT AEROSPACE ENVIRONMENTS
 BOUNDARY LAYER CONTROL
 EVACUATING (VACUUM)
 GETTERS
 HIGH PRESSURE
 KNUDSEN FLOW
 LOW PRESSURE
 MEAN FREE PATH
 OFFGASSING
 OUTGASSING
 PRESSURE MEASUREMENT
 RAREFACTION
 SUCTION

VACUUM APPARATUS

GS **VACUUM APPARATUS**
 VACUUM APPARATUS
 VACUUM CHAMBERS
 VACUUM FURNACES
 VACUUM GAGES
 IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 KNUDSEN GAGES
 MCLEOD GAGES
 PIRANI GAGES
 VACUUM PUMPS
 CONDENSATION PUMPS
 ION PUMPS
 MOLECULAR PUMPS
 RT COLD TRAPS
 DIFFUSION PUMPS
 HIGH VACUUM
 LOW DENSITY RESEARCH
 RESIDUAL GAS
 SUCTION
 ULTRAHIGH VACUUM
 VACUUM ARC SWITCHES

VACUUM ARC SWITCHES

GS SWITCHES
 ELECTRIC SWITCHES
 VACUUM ARC SWITCHES
 RT AIRBORNE EQUIPMENT
 SWITCHING CIRCUITS
 VACUUM APPARATUS
 VACUUM EFFECTS

VACUUM CHAMBERS

UF LOW PRESSURE CHAMBERS
 GS COMPARTMENTS
 TEST CHAMBERS
 PRESSURE CHAMBERS
 VACUUM CHAMBERS
 VACUUM APPARATUS
 VACUUM CHAMBERS
 RT ALTITUDE SIMULATION
 ∞ CHAMBERS
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 HYPERBARIC CHAMBERS
 PRESSURE
 SPACE ENVIRONMENT SIMULATION
 SPACE SIMULATORS
 THERMAL VACUUM TESTS
 WIND TUNNEL DRIVES

VACUUM DEPOSITION

GS DEPOSITION
 VAPOR DEPOSITION
 VACUUM DEPOSITION
 RT CERAMIC COATINGS
 ELECTROLESS DEPOSITION
 ION PLATING

VACUUM EFFECTS

RT COLD WELDING
 ∞ EFFECTS
 ENVIRONMENTS
 OFFGASSING
 PRESSURE EFFECTS
 SPACE MANUFACTURING
 VACUUM ARC SWITCHES

VACUUM FURNACES

GS HEATING EQUIPMENT
 FURNACES
 VACUUM FURNACES
 VACUUM APPARATUS
 VACUUM FURNACES
 RT SOLAR FURNACES

VACUUM GAGES

GS MEASURING INSTRUMENTS
 PRESSURE GAGES
 VACUUM GAGES
 IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 KNUDSEN GAGES
 MCLEOD GAGES
 PIRANI GAGES
 VACUUM APPARATUS
 VACUUM GAGES
 IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 KNUDSEN GAGES
 MCLEOD GAGES
 PIRANI GAGES
 RT BAROMETERS
 MANOMETERS
 ORBITRONS
 PRESSURE MEASUREMENT

VACUUM MELTING

GS PHASE TRANSFORMATIONS
 MELTING
 VACUUM MELTING
 RT ARC MELTING
 INDUCTION HEATING
 LEVITATION
 POWDER METALLURGY
 ZONE MELTING

VACUUM PUMPS

GS PUMPS
 VACUUM PUMPS

VACUUM SPECTROSCOPY

VACUUM PUMPS-(CONT)

CONDENSATION PUMPS
ION PUMPS
MOLECULAR PUMPS
VACUUM APPARATUS
VACUUM PUMPS
CONDENSATION PUMPS
ION PUMPS
MOLECULAR PUMPS
RT COMPRESSORS
CRYOPUMPING
DIFFUSION PUMPS
EJECTORS
EVACUATING (VACUUM)
JET PUMPS
MATERIALS HANDLING
OUTGASSING
SUCTION

VACUUM SPECTROSCOPY

GS SPECTROSCOPY
VACUUM SPECTROSCOPY
RT GAS SPECTROSCOPY
INFRARED SPECTROSCOPY
MAGNETIC SPECTROSCOPY
MASS SPECTROSCOPY
MOLECULAR SPECTROSCOPY
NUCLEAR RADIATION SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
ULTRAVIOLET SPECTROSCOPY
X RAY SPECTROSCOPY

VACUUM SYSTEMS

RT AMPOULES
∞ SYSTEMS

VACUUM TESTS

GS **VACUUM TESTS**
THERMAL VACUUM TESTS
RT HIGH VACUUM
HYPOBARIC ATMOSPHERES
TEST CHAMBERS
∞ TESTS
ULTRAHIGH VACUUM

VACUUM TUBE OSCILLATORS

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
GAS DISCHARGE TUBES
IGNITRONS
THYRATRONS
MICROWAVE TUBES
KLYSTRONS
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMICONES
THERMIONIC DIODES
THYRATRONS
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
GAS DISCHARGE TUBES
MICROWAVE TUBES
MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
HELITRONS
RT AUTODYNES

VACUUM TUBES

GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
CATHODE RAY TUBES
PICTURE TUBES
GAS DISCHARGE TUBES
IGNITRONS
THYRATRONS
MICROWAVE TUBES
KLYSTRONS

VACUUM TUBES-(CONT)

MAGNETRONS
NIGOTRONS
MICROWAVE OSCILLATORS
PLANOTRONS
CARCINOTRONS
CELESCOPES
HELITRONS
IGNITRONS
THERMICONES
THERMIONIC DIODES
THYRATRONS
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
RT PENTODES
PERVEANCE
RESIDUAL GAS

VACUUM ULTRAVIOLET RADIATION

USE FAR ULTRAVIOLET RADIATION

VADOSE WATER

GS WATER
VADOSE WATER
RT COASTAL WATER
EVAPOTRANSPIRATION
LAKE TEXOMA (OK-TX)
NEARSHORE WATER
RIVER BASINS
SOILS
WATER TABLES

VALENCE

GS **VALENCE**
OCTETS
RT CHEMICAL BONDS
CONDUCTION ELECTRONS
ION CHARGE
IONS
POSITIVE IONS
QUANTUM WELLS
TRIVALENT IONS

VALERIC ACID

GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
VALERIC ACID
ALIPHATIC COMPOUNDS
FATTY ACIDS
VALERIC ACID
LIPIDS
VALERIC ACID
ORGANIC COMPOUNDS
FATTY ACIDS
VALERIC ACID

VALIANT AIRCRAFT

UF VICKERS VALIANT AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
VALIANT AIRCRAFT
BAC AIRCRAFT
VALIANT AIRCRAFT
JET AIRCRAFT
VALIANT AIRCRAFT
MONOPLANES
VALIANT AIRCRAFT
RT ∞ AIRCRAFT
RECONNAISSANCE AIRCRAFT
TANKER AIRCRAFT

VALIDATION

USE PROVING

VALIDITY

RT ACCEPTABILITY
ACCURACY
ADEQUACY
CONSISTENCY
CORRELATION
EXISTENCE
MATHEMATICAL MODELS
PRECISION
QUALITY
RELIABILITY
SIMULATION
STANDARDS
STATISTICAL TESTS
VARIABILITY

VALKYRIE AIRCRAFT

USE B-70 AIRCRAFT

NASA THESAURUS (VOLUME 1)

VALLEYS

UF INTERMONTANE FLOORS
RIFT VALLEYS
RILLS
GS **VALLEYS**
COACHELLA VALLEY (CA)
DEATH VALLEY (CA)
IMPERIAL VALLEY (CA)
MAGDALENA-CAUCA VALLEY
(COLOMBIA)
PALO VERDE VALLEY (CA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SACRAMENTO VALLEY (CA)
SAN JOAQUIN VALLEY (CA)
SHENANDOAH VALLEY (VA)
ST LAWRENCE VALLEY (NORTH
AMERICA)
TENNESSEE VALLEY (AL-KY-TN)
RT CANYONS
DELAWARE RIVER BASIN (US)
EROSION
MEANDERS
MISSOURI RIVER (US)
RAVINES
RIVERS
STRUCTURAL BASINS
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
TOPOGRAPHY
WADIS
WATERSHEDS

VALSALVA EXERCISE

UF VALSALVA MANEUVER
RT RESPIRATION

VALSALVA MANEUVER

USE VALSALVA EXERCISE

VALUE

GS **VALUE**
Q VALUES
RT AMOUNT
ASSESSMENTS
COSTS
DAMAGE ASSESSMENT
ESTIMATES
ESTIMATING
EVALUATION
FIGURE OF MERIT
LEVEL (QUANTITY)
NORMS
RANKING
TECHNOLOGY ASSESSMENT

VALUE ENGINEERING

RT COST ANALYSIS
COST ESTIMATES
COST INCENTIVES
COST REDUCTION
DESIGN ANALYSIS
ECONOMIC ANALYSIS
∞ ENGINEERING
INCENTIVE TECHNIQUES
LIFE CYCLE COSTS
MANAGEMENT PLANNING
QUALITY CONTROL
RELIABILITY ENGINEERING
STANDARDS

VALVES

UF HYDRAULIC VALVES
GS **VALVES**
ARTIFICIAL HEART VALVES
AUTOMATIC CONTROL VALVES
PRESSURE REGULATORS
RELIEF VALVES
BUTTERFLY VALVES
DAMPERS (VALVES)
COCKS
CONTROL VALVES
FUEL VALVES
GAS VALVES
HEART VALVES
SOLENOID VALVES
RT BALLS
CHOKES (RESTRICTIONS)
CLOSURES
DIVERTERS
ENGINE PARTS
HYDRAULIC EQUIPMENT
PACKINGS (SEALS)
PNEUMATIC CIRCUITS
PNEUMATIC EQUIPMENT
SEALS (STOPPERS)

VALVES-(CONT)

TRAPS
WATER HAMMER

VAMPIRE AIRCRAFT

USE DH 115 AIRCRAFT

VAMPIRE MK 35 AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
JET AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
RT ∞ AIRCRAFT
BOMBER AIRCRAFT
HARRIER AIRCRAFT

VAN ALLEN RADIATION BELTS

USE RADIATION BELTS

VAN BIESBROECK STAR

GS CELESTIAL BODIES
STARS
VAN BIESBROECK STAR

VAN DE GRAAFF ACCELERATORS

GS PARTICLE ACCELERATORS
VAN DE GRAAFF ACCELERATORS
RT ∞ ACCELERATORS
ELECTRON ACCELERATORS

VAN DER WAAL FORCES

RT DIPOLE MOMENTS
∞ FORCE
INTERATOMIC FORCES
INTERMOLECULAR FORCES

VAN SLYKE METHOD

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
GAS ANALYSIS
VAN SLYKE METHOD
QUANTITATIVE ANALYSIS
VAN SLYKE METHOD
RT ∞ METHODOLOGY

VANADATES

GS VANADIUM COMPOUNDS
VANADATES
RT METAL OXIDES
VANADIUM OXIDES

VANADIUM

GS CHEMICAL ELEMENTS
VANADIUM
VANADIUM ISOTOPES
METALS
TRANSITION METALS
VANADIUM
VANADIUM ISOTOPES

VANADIUM ALLOYS

GS ALLOYS
VANADIUM ALLOYS

VANADIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
VANADIUM CARBIDES
VANADIUM COMPOUNDS
VANADIUM CARBIDES

VANADIUM COMPOUNDS

GS VANADIUM COMPOUNDS
CALCIUM VANADATES
VANADATES
VANADIUM CARBIDES
VANADIUM OXIDES
VANADYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 5B COMPOUNDS
∞ METAL COMPOUNDS

VANADIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
VANADIUM ISOTOPES
VANADIUM
VANADIUM ISOTOPES
METALS
TRANSITION METALS

VANADIUM ISOTOPES-(CONT)

VANADIUM
VANADIUM ISOTOPES

VANADIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
VANADIUM OXIDES
VANADIUM COMPOUNDS
VANADIUM OXIDES
RT VANADATES

VANADYL COMPOUNDS

GS VANADIUM COMPOUNDS
VANADYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

VANADYL RADICAL

GS IONS
CATIONS
METAL IONS
VANADYL RADICAL
RADICALS
VANADYL RADICAL

VANELESS DIFFUSERS

RT COMPRESSORS
∞ DIFFUSERS
EXHAUST DIFFUSERS
PUMPS
SUPERSONIC DIFFUSERS

VANES

GS VANES
GUIDE VANES
JET VANES
WIND VANES
RT AIRFOILS
∞ BLADES
COMPRESSOR BLADES
CONTROL SURFACES
FINS
IMPELLERS
NOSE FINS
STATOR BLADES
TAIL ASSEMBLIES
TURBOMACHINE BLADES
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS
WINDPOWERED PUMPS

VANGUARD PROJECT

GS PROGRAMS
NASA PROGRAMS
VANGUARD PROJECT
NASA SPACE PROGRAMS
VANGUARD PROJECT
PROJECTS
VANGUARD PROJECT
RT X-405 ENGINE

VANGUARD SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
VANGUARD SATELLITES
VANGUARD 1 SATELLITE
VANGUARD 2 SATELLITE
VANGUARD 3 SATELLITE
RT GEODETIC SATELLITES
GEOPHYSICAL SATELLITES
INTERNATIONAL GEOPHYSICAL YEAR
METEOROLOGICAL SATELLITES

VANGUARD 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEODETIC SATELLITES
VANGUARD 1 SATELLITE
VANGUARD SATELLITES
VANGUARD 1 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
VANGUARD 1 SATELLITE

VANGUARD 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
VANGUARD 2 LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
VANGUARD 2 LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

VANGUARD 2 LAUNCH VEHICLE-(CONT)

VIKING ROCKET VEHICLE
X-248 ENGINE

VANGUARD 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
VANGUARD 2 SATELLITE
VANGUARD SATELLITES
VANGUARD 2 SATELLITE

VANGUARD 3 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
VANGUARD 3 SATELLITE
VANGUARD SATELLITES
VANGUARD 3 SATELLITE

VANS

USE TRUCKS

VAPOR BARRIER CLOTHING

GS CLOTHING
PROTECTIVE CLOTHING
VAPOR BARRIER CLOTHING
RT ∞ BARRIERS
LIFE SUPPORT SYSTEMS
TEXTILES

VAPOR DEPOSITION

GS DEPOSITION
VAPOR DEPOSITION
VACUUM DEPOSITION
RT COATING
COATINGS
CRYSTAL GROWTH
ELECTROLESS DEPOSITION
METAL VAPORS
METALLIZING
ULTRAPURE METALS
VAPORIZERS
VAPORIZING

VAPOR GENERATORS

USE VAPORIZERS

VAPOR JETS

GS FLUID JETS
VAPOR JETS
RT AIR JETS
GAS FLOW
JET FLOW
PLASMA JETS

VAPOR LIQUID EQUILIBRIUM

USE LIQUID-VAPOR EQUILIBRIUM

VAPOR PHASE EPITAXY

GS GROWTH
CRYSTAL GROWTH
EPITAXY
VAPOR PHASE EPITAXY
RT CRYSTAL STRUCTURE
LIQUID PHASE EPITAXY
LIQUID PHASES

VAPOR PHASES

UF GAS PHASES
RT ASSOCIATION REACTIONS
CRITICAL PRESSURE
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
GASES
HYDROGEN CLOUDS
LIQUID PHASES
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
LIQUIDS
METAL-GAS SYSTEMS
PHASE DIAGRAMS
∞ PHASES
PREVAPORIZATION
SOLIDS
SUPERCRITICAL PRESSURES
VAPORS
VOLATILITY

VAPOR PRESSURE

GS PRESSURE
VAPOR PRESSURE
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES

VAPOR TRAILS

VAPOR PRESSURE-(CONT)

VAPOR PRESSURE
RT DALTON LAW
FLASH POINT
FUEL TANK PRESSURIZATION
HENRY LAW
HUMIDITY
INTERFACIAL TENSION
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
PARTIAL PRESSURE
RAOULT LAW
SUBLIMATION
SUPERCritical PRESSURES
VOLATILITY

VAPOR TRAILS

USE CONTRAILS

VAPOR TRAPS

GS TRAPS
VAPOR TRAPS
RT COLD TRAPS
GETTERS
ION TRAPS (INSTRUMENTATION)

VAPORIZATION HEAT

USE HEAT OF VAPORIZATION

VAPORIZERS

UF VAPOR GENERATORS
GS HEATING EQUIPMENT
VAPORIZERS
RT EVAPORATORS
BOILERS
CAVITY VAPOR GENERATORS
COLLOIDAL GENERATORS
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
GAS GENERATORS
∞ GENERATORS
HEATERS
SEPARATORS
SPRAYERS
VAPOR DEPOSITION
VAPORIZING
VAPORS

VAPORIZING

UF VOLATILIZATION
GS PHASE TRANSFORMATIONS
VAPORIZING
BOILING
FILM BOILING
NUCLEATE BOILING
LEIDENFROST PHENOMENON
EVAPORATION
EVAPOTRANSPIRATION
PROPELLANT EVAPORATION
TRANSPIRATION
FLASHING (VAPORIZING)
PREVAPORIZATION
SUBLIMATION
RT ABLATION
CONCENTRATING
DESALINIZATION
DISTILLATION
EVOLUTION (LIBERATION)
HEAT OF VAPORIZATION
HEATING
∞ SEPARATION
SPRAYING
STRIPPING (DISTILLATION)
SURFACE REACTIONS
VAPOR DEPOSITION
VAPORIZERS
VAPORS
VOLATILITY

VAPORS

GS **VAPORS**
CESIUM VAPOR
METAL VAPORS
MERCURY VAPOR
SODIUM VAPOR
WATER VAPOR
RT CAVITY VAPOR GENERATORS
COMBUSTION PRODUCTS
CONDENSATES
EXHAUST GASES
FUMES
GASES
HAZE DETECTION
HYDROGEN CLOUDS
LIQUID-VAPOR EQUILIBRIUM

VAPORS-(CONT)

PREVAPORIZATION
SMOKE
VAPOR PHASES
VAPORIZERS
VAPORIZING

VARACTOR DIODE CIRCUITS

GS CIRCUITS
VARACTOR DIODE CIRCUITS
RT DIODES

VARACTOR DIODES

UF VARACTORS
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
VARACTOR DIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
VARACTOR DIODES
RT JUNCTION DIODES
PARAMETRIC DIODES
VARISTORS

VARACTORS

USE VARACTOR DIODES

VARIABILITY

RT CONSISTENCY
CONTINUITY
CONVERGENCE
CORRELATION
COVARIANCE
∞ DISPERSION
ECCENTRICITY
∞ EQUILIBRIUM
FACTOR ANALYSIS
HETEROGENEITY
LINEARITY
NONLINEARITY
PERIODIC VARIATIONS
QUALITY
QUALITY CONTROL
RANGE (EXTREMES)
REGRESSION ANALYSIS
RELIABILITY
SAMPLING
STABILITY
STANDARD DEVIATION
STANDARDIZATION
VALIDITY
∞ VARIABLE
VARIANCE (STATISTICS)

∞ VARIABLE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

UF FACTORS
RT COMPLEX VARIABLES
DEPENDENT VARIABLES
FORM FACTORS
INDEPENDENT VARIABLES
LATIN SQUARE METHOD
RACE FACTORS
RANDOM VARIABLES
REAL VARIABLES
SOCIAL FACTORS
VARIABILITY

VARIABLE AREA WINGS

USE TRAILING EDGE FLAPS

VARIABLE CYCLE ENGINES

UF VCE
GS AIRCRAFT ENGINES
VARIABLE CYCLE ENGINES
ENGINES
VARIABLE CYCLE ENGINES
RT COAXIAL NOZZLES
SUPERSONIC AIRCRAFT
VARIABLE STREAM CONTROL ENGINES

VARIABLE GEOMETRY STRUCTURES

RT EXPANDABLE STRUCTURES
FOLDING STRUCTURES
INFLATABLE STRUCTURES
∞ STRUCTURES

VARIABLE LIFT

USE LIFT

NASA THESAURUS (VOLUME 1)

VARIABLE MASS SYSTEMS

GS KINETICS
VARIABLE MASS SYSTEMS
RT EQUATIONS OF MOTION
∞ MASS BALANCE
MASS DISTRIBUTION
∞ SYSTEMS

VARIABLE PITCH PROPELLERS

UF CONSTANT SPEED PROPELLERS
GS PROPELLERS
VARIABLE PITCH PROPELLERS
RT HELICOPTER PROPELLER DRIVE
PITCH (INCLINATION)

VARIABLE STARS

GS CELESTIAL BODIES
STARS
VARIABLE STARS
CATACLYSMIC VARIABLES
CEPHEID VARIABLES
NOVAE
DWARF NOVAE
HERCULES NOVA
SUPERNOVAE
SYMBIOTIC STARS
T TAURI STARS
RT BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
FLARE STARS
LAMBDA TAURI STARS
OMICRON CETI STAR
PERIODIC VARIATIONS
SOLAR OSCILLATIONS
STELLAR MASS
STELLAR MASS EJECTION
STELLAR OSCILLATIONS

VARIABLE STREAM CONTROL ENGINES

GS AIRCRAFT ENGINES
VARIABLE STREAM CONTROL ENGINES
ENGINES
VARIABLE STREAM CONTROL ENGINES
RT ∞ CONTROL
ENGINE CONTROL
SUPERSONIC AIRCRAFT
SUPERSONIC NOZZLES
VARIABLE CYCLE ENGINES

VARIABLE SWEEP WINGS

UF M WINGS
OGEE WINGS
W WINGS
GS AIRFOILS
WINGS
VARIABLE SWEEP WINGS
PLANFORMS
WING PLANFORMS
VARIABLE SWEEP WINGS
RT ARROW WINGS
BOEING 733 AIRCRAFT
DELTA WINGS
F-111 AIRCRAFT
FOLDING STRUCTURES
OGEE SHAPE
PANAVIA MILITARY AIRCRAFT
SWEEP FORWARD WINGS
SWEEPBACK WINGS

VARIABLE THRUST

GS THRUST
VARIABLE THRUST
RT CONTROL ROCKETS
HIGH THRUST
JET CONTROL
JET THRUST
LOW THRUST
LOW THRUST PROPULSION
MICROTHRUST
ROCKET THRUST
THROTTLING
THRUST AUGMENTATION
THRUST CONTROL
THRUST TERMINATION
THRUST VECTOR CONTROL

∞ VARIANCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

RT ANALYSIS OF VARIANCE
DEGREES OF FREEDOM

VARIANCE-(CONT)

MULTIVARIATE STATISTICAL ANALYSIS
VARIANCE (STATISTICS)

VARIANCE (STATISTICS)

GS STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)
 ANALYSIS OF VARIANCE
 MULTIVARIATE STATISTICAL ANALYSIS
 BIVARIATE ANALYSIS
 COVARIANCE
 REGRESSION ANALYSIS
RT CONFIDENCE LIMITS
CORRELATION
DISTRIBUTION MOMENTS
EXPERIMENT DESIGN
FACTOR ANALYSIS
GAUSS-MARKOV THEOREM
GOODNESS OF FIT
HETEROGENEITY
HOMOGENEITY
KRIGING
MEAN
MOMENTS
QUALITY CONTROL
RANGE (EXTREMES)
STANDARD DEVIATION
VARIABILITY
∞ VARIANCE

VARIATION METHOD

USE CALCULUS OF VARIATIONS

VARIATIONAL PRINCIPLES

RT CALCULUS OF VARIATIONS
∞ DYNAMICS
EQUILIBRIUM METHODS
IRREVERSIBLE PROCESSES
ONSAGER PHENOMENOLOGICAL COEFFICIENT
RAYLEIGH-RITZ METHOD

VARIATIONS

UF FLUCTUATION
GS **VARIATIONS**
 ALTERNATIONS
 MAGNETIC VARIATIONS
 GEOMAGNETIC PULSATIONS
 GEOMAGNETIC MICROPULSATIONS
 NOCTURNAL VARIATIONS
 PERIODIC VARIATIONS
 ANNUAL VARIATIONS
 DIURNAL VARIATIONS
 NOCTURNAL VARIATIONS
 SECULAR VARIATIONS
 TWENTY-SEVEN DAY VARIATION
 WIND VARIATIONS
RT ALTERNATIVES
ASYMMETRY
DEFLECTION
DEVIATION
DIFFERENCES
DISPLACEMENT
DISTORTION
DIVERGENCE
ECCENTRICITY
GRADIENTS
MICROPULSATIONS
PERTURBATION
REVISIONS
SUBSTITUTES
SURGES

VARIOMETERS

UF MAGNETOVARIOGRAPHS
GS MEASURING INSTRUMENTS
MAGNETOMETERS
 VARIOMETERS
RT GEOMAGNETISM

VARISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
 VARISTORS
RT RESISTORS
THERMISTORS
VARACTOR DIODES

VARNISHES

RT FILLERS
FINISHES
PAINTS
PRIMERS (COATINGS)

VARNISHES-(CONT)

PROTECTIVE COATINGS
SEALERS
SPRAYED COATINGS

VASCULAR SYSTEM

GS ANATOMY
CIRCULATORY SYSTEM
 VASCULAR SYSTEM
 BLOOD VESSELS
 ARTERIES
 AORTA
 CAPILLARIES (ANATOMY)
 GLOMERULUS
 VEINS
RT BLOOD CIRCULATION
CARDIOVASCULAR SYSTEM
CAROTID SINUS BODY
CAROTID SINUS REFLEX
∞ SYSTEMS

VASOCONSTRICTION

RT BLOOD VESSELS
BODY TEMPERATURE
COLD TOLERANCE
ISCHEMIA
REFLEXES
SNEEZING

VASOCONSTRICTOR DRUGS

UF PRESSORS
GS DRUGS
 VASOCONSTRICTOR DRUGS
 HYPERTENSIN
RT PHARMACOLOGY

VASODILATION

RT BLOOD VESSELS
BODY TEMPERATURE
CONGESTION
REFLEXES

VASOMOTOR NERVOUS SYSTEM

USE NERVOUS SYSTEM

VATICAN CITY

GS CITIES
 VATICAN CITY
RT EUROPE
ITALY
NATIONS

VATOL AIRCRAFT

SN (VERTICAL ATTITUDE TAKEOFF AND LANDING AIRCRAFT)
UF VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT
 XBQM-180A AIRCRAFT
RT ∞ AIRCRAFT
DELTA WINGS
REMOTELY PILOTED VEHICLES
VERTICAL LANDING
VERTICAL TAKEOFF AIRCRAFT

VAX COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
 VAX COMPUTERS
 VAX-11 SERIES COMPUTERS
 VAX-11/780 COMPUTER

VAX-11 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
VAX COMPUTERS
 VAX-11 SERIES COMPUTERS
 VAX-11/780 COMPUTER

VAX-11/780 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
VAX COMPUTERS
 VAX-11 SERIES COMPUTERS
 VAX-11/780 COMPUTER

VC-10 AIRCRAFT

UF VICKERS VC-10 AIRCRAFT
VICKERS 1100 AIRCRAFT
GS BAC AIRCRAFT
 VC-10 AIRCRAFT
COMMERCIAL AIRCRAFT

VC-10 AIRCRAFT-(CONT)

VC-10 AIRCRAFT
JET AIRCRAFT
 VC-10 AIRCRAFT
MONOPLANES
 VC-10 AIRCRAFT
PASSENGER AIRCRAFT
 VC-10 AIRCRAFT
TRANSPORT AIRCRAFT
 VC-10 AIRCRAFT
RT ∞ AIRCRAFT
CARGO AIRCRAFT

VCE

USE VARIABLE CYCLE ENGINES

VCO

USE VOLTAGE CONTROLLED OSCILLATORS

VECTOR ANALYSIS

GS ANALYSIS (MATHEMATICS)
CALCULUS
 VECTOR ANALYSIS
 COLLINEARITY
 COPLANARITY
 CURL (VECTORS)
 VORTICITY
REAL VARIABLES
 VECTOR ANALYSIS
 COLLINEARITY
 COPLANARITY
 CURL (VECTORS)
 VORTICITY
GEOMETRY
 VECTOR ANALYSIS
 COLLINEARITY
 COPLANARITY
 CURL (VECTORS)
 VORTICITY
RT DIFFERENTIAL EQUATIONS
EULER-CAUCHY EQUATIONS
GRADIENTS
POYNTING THEOREM
RESULTANTS
STABILITY DERIVATIVES

VECTOR CALCULUS

USE VECTOR SPACES

VECTOR CONTROL

USE DIRECTIONAL CONTROL

VECTOR CURRENTS

RT CURRENT ALGEBRA
PARITY
RADIOACTIVE DECAY
SUPERCONDUCTIVITY

VECTOR DOMINANCE MODEL

GS MODELS
 VECTOR DOMINANCE MODEL
RT HADRONS
HIGH ENERGY INTERACTIONS
NUCLEONS
PHOTONEUTRONS
PHOTOPRODUCTION

VECTOR MESONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
HADRONS
MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
NUCLEAR PARTICLES
BOSONS
MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS

VECTOR SPACES

UF GRASSMANN ALGEBRA
VECTOR CALCULUS
GS ALGEBRA
 VECTOR SPACES
HILBERT SPACE
BANACH SPACE

VECTORCARDIOGRAPHY

VECTOR SPACES-(CONT)

GS SOBOLEV SPACE
MATRICES (MATHEMATICS)
ADJOINTS
CANONICAL FORMS
EIGENVALUES
EIGENVECTORS
JORDAN FORM
STIFFNESS MATRIX
STOKES THEOREM (VECTOR CALCULUS)
U SPIN SPACE
VECTORS (MATHEMATICS)
EIGENVECTORS
STATE VECTORS
VORTICITY
RT ANALYSIS (MATHEMATICS)
CHAPLYGIN EQUATION
HERMITIAN POLYNOMIAL
HODOGRAPHS
KAKUTANI THEOREM
LINEAR TRANSFORMATIONS

VECTORCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
VECTOCARDIOGRAPHY
RT ELECTROCARDIOGRAPHY
PHONOCARDIOGRAPHY

VECTORS (MATHEMATICS)

GS ALGEBRA
VECTOR SPACES
VECTORS (MATHEMATICS)
EIGENVECTORS
STATE VECTORS
VORTICITY
RT DYADICS
FUNCTION SPACE
SCHWARTZ INEQUALITY

VEGA LAUNCH VEHICLE

UF VEGA ROCKET VEHICLE
GS LAUNCH VEHICLES
VEGA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
VEGA LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES

VEGA PROJECT

RT FLYBY MISSIONS
HALLEY'S COMET
INTERNATIONAL COOPERATION
U S S R SPACE PROGRAM
VENERA SATELLITES
VENUS (PLANET)

VEGA ROCKET VEHICLE

USE VEGA LAUNCH VEHICLE

VEGARD-KAPLAN BANDS

GS SPECTRA
SPECTRAL BANDS
VEGARD-KAPLAN BANDS
RT BANDS
EMISSION SPECTRA
MOLECULAR SPECTRA
NITROGEN

VEGETABLES

GS VEGETABLES
POTATOES
SPINACH
RT ANGIOSPERMS
FOOD
LEGUMINOUS PLANTS
PLANTING
SEEDS

VEGETATION

GS VEGETATION
CANOPIES (VEGETATION)
RT BIOCONVERSION
BIOMASS ENERGY PRODUCTION
EARTH RESOURCES
LOCUSTS
OASES
PLANTS (BOTANY)
RAIN FORESTS
RESOURCES
SEA GRASSES
TREES (PLANTS)

VEGETATION GROWTH

GS GROWTH
VEGETATION GROWTH
RT AGRICULTURE
BIOCHEMISTRY
BOTANY
CROP VIGOR
ECOLOGY
FERTILIZERS
GRAVITROPISM
HYDROPONICS
IRRIGATION
PLANT ROOTS
PLANT STRESS
SOIL MOISTURE
SOIL SCIENCE
SOILS
VEGETATIVE INDEX

VEGETATIVE INDEX

RT AGRISTARS PROJECT
ATMOSPHERIC ATTENUATION
ATMOSPHERIC EFFECTS
ATMOSPHERIC OPTICS
ATMOSPHERIC SCATTERING
CANOPIES (VEGETATION)
COLOR
CORRECTION
CROP IDENTIFICATION
CROP INVENTORIES
IMAGE ENHANCEMENT
IMAGING TECHNIQUES
MULTISPECTRAL BAND SCANNERS
RADIOMETRIC CORRECTION
REFLECTANCE
REMOTE SENSING
SATELLITE IMAGERY
SATELLITE OBSERVATION
SPECTRAL REFLECTANCE
VEGETATION GROWTH

VEHICLE WHEELS

GS WHEELS
VEHICLE WHEELS
NOSE WHEELS
RT AIRCRAFT TIRES
BRAKES (FOR ARRESTING MOTION)
LANDING GEAR
MECHANICAL DRIVES
ROLLERS
SHAFTS (MACHINE ELEMENTS)
SUSPENSION SYSTEMS (VEHICLES)
TIRES
TOROIDAL WHEELS
TRANSMISSIONS (MACHINE ELEMENTS)
WHEEL BRAKES

VEHICLES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF CRAFT
RT ROTATING VEHICLES
AMPHIBIOUS VEHICLES
ARCAS ROCKET VEHICLES
ARCON ROCKET VEHICLE
ARGO ROCKET VEHICLES
ASTROBEE ROCKET VEHICLES
ATLAS AGENA LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
AUTOMOBILES
BALLISTIC VEHICLES
BOOSTGLIDE VEHICLES
CAPTURED AIR BUBBLE VEHICLES
CONTROL CONFIGURED VEHICLES
CRAWLER TRACTORS
DRONE VEHICLES
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTOR VEHICLES
ENGINES
EUROPA LAUNCH VEHICLES
FLIGHT TEST VEHICLES
FLIGHT VEHICLES
GROUND EFFECT MACHINES
HEAVY LIFT LAUNCH VEHICLES
HOVERING ROCKET VEHICLES
HYDROPLANES (VEHICLES)
HYPERSONIC VEHICLES
INTRAORBIT TRANSFER VEHICLES
JUNO LAUNCH VEHICLES
KAPPA ROCKET VEHICLES

NASA THESAURUS (VOLUME 1)

VEHICLES-(CONT)

LAMBDA ROCKET VEHICLES
LAUNCH VEHICLES
LOW OBSERVABLE REENTRY VEHICLES
LUNAR FLYING VEHICLES
LUNAR ROVING VEHICLES
LUNAR SURFACE VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
MAGNETIC LEVITATION VEHICLES
MANNED LUNAR SURFACE VEHICLES
MILITARY VEHICLES
MISSILES
MOTOR VEHICLES
MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-HYDAC ROCKET VEHICLE
NIKE-IROQUOIS ROCKET VEHICLE
NOVA LAUNCH VEHICLES
NUCLEAR ENGINE FOR ROCKET VEHICLES
ORBIT TRANSFER VEHICLES
RANGER LUNAR LANDING VEHICLES
RECOVERABLE LAUNCH VEHICLES
RECOVERY VEHICLES
REENTRY VEHICLES
REMOTELY PILOTED VEHICLES
RESEARCH VEHICLES
REUSABLE LAUNCH VEHICLES
ROCKET VEHICLES
ROVING VEHICLES
SATURN LAUNCH VEHICLES
SINGLE STAGE ROCKET VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
SKUA ROCKET VEHICLES
SPACECRAFT
STANDARD LAUNCH VEHICLES
SURFACE EFFECT SHIPS
SURFACE VEHICLES
SWATH (SHIP)
TANKS (COMBAT VEHICLES)
TERMINAL CONFIGURED VEHICLE PROGRAM
TEST VEHICLES
THOR LAUNCH VEHICLES
THORAD LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TRACKED VEHICLES
TRACTORS
TRANSPORT VEHICLES
TRANSPORTER
UNDERWATER VEHICLES
UNIDENTIFIED FLYING OBJECTS
VERONIQUE ROCKET VEHICLES
WATER VEHICLES
WINGED VEHICLES

VEHICULAR TRACKS

RT IDLERS
SURFACE VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TRACKED VEHICLES
TRACKS
TREADS

VEINS

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
VEINS
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
VEINS
RT ARTERIES
BIFURCATION (BIOLOGY)
TRANSFUSION

VELA SATELLITES

GS MILITARY SPACECRAFT
VELA SATELLITES
SATELLITES
ARTIFICIAL SATELLITES
VELA SATELLITES
RT FISHBOWL OPERATION
HIGH ALTITUDE NUCLEAR DETECTION
HIGH ALTITUDE TESTS
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
POST-BLAST NUCLEAR RADIATION
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
SATELLITE OBSERVATION

VELOCITY

UF SPEED
GS **VELOCITY**
ACOUSTIC VELOCITY
AIRSPEED
ANGULAR VELOCITY
CRITICAL VELOCITY
ESCAPE VELOCITY
EXHAUST VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
GROUND SPEED
GROUP VELOCITY
HIGH SPEED
HYPERSONIC SPEED
LANDING SPEED
LIGHT SPEED
LOW SPEED
ORBITAL VELOCITY
PHASE VELOCITY
PROPAGATION VELOCITY
RADIAL VELOCITY
RELATIVISTIC VELOCITY
ROTOR SPEED
SOLAR VELOCITY
SUBSONIC SPEED
SUPERSONIC SPEEDS
TERMINAL VELOCITY
TIP SPEED
TRANSONIC SPEED
WIND VELOCITY
SOLAR WIND VELOCITY
RT ACCELERATION (PHYSICS)
BODY KINEMATICS
DE BROGLIE WAVELENGTHS
∞ DYNAMICS
FERMAT PRINCIPLE
KINEMATICS
KINETICS
LOADING RATE
∞ MOTION
PERCEPTUAL TIME CONSTANT
PRESSURE MEASUREMENT
RELATIVISTIC EFFECTS
SOLITARY WAVES
TIME MEASUREMENT

VELOCITY COUPLING
RT BURNING RATE
COMBUSTION STABILITY
COUPLING
PROPELLANT COMBUSTION

VELOCITY DISTRIBUTION
UF VELOCITY FIELDS
VELOCITY PROFILES
GS DISTRIBUTION (PROPERTY)
VELOCITY DISTRIBUTION
RT CIRCULATION DISTRIBUTION
FLOW DISTRIBUTION
FLOW VELOCITY
GALACTIC ROTATION
ORR-SOMMERFELD EQUATIONS
POHLHAUSEN METHOD
PRESSURE DISTRIBUTION
SHOCK WAVE PROFILES
THREE DIMENSIONAL BOUNDARY LAYER

VELOCITY ERRORS

GS ERRORS
VELOCITY ERRORS
RT ESCAPE VELOCITY
ORBITAL VELOCITY
POSITION ERRORS

VELOCITY FIELDS

USE VELOCITY DISTRIBUTION

VELOCITY MEASUREMENT

UF ANEMOMETRY
GS MECHANICAL MEASUREMENT
VELOCITY MEASUREMENT
WIND VELOCITY MEASUREMENT
RT ACCELEROMETERS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
FLOW MEASUREMENT
FLOW VELOCITY
FLOWMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
HUBBLE CONSTANT
HUBBLE DIAGRAM
LASER DOPPLER VELOCIMETERS
∞ MEASUREMENT

VELOCITY MEASUREMENT-(CONT)

PITOT TUBES
PRESSURE MEASUREMENT
RADIAL VELOCITY
SOLAR WIND VELOCITY
SPEED INDICATORS
STROBOSCOPES
TACHOMETERS
TIME MEASUREMENT
VENTURI TUBES
VORTEX PRECESSION

VELOCITY MODULATION

GS MODULATION
VELOCITY MODULATION
RT BUNCHING
CAVITY RESONATORS
ELECTRON BUNCHING
ELECTRON TUBES

VELOCITY PROFILES

USE VELOCITY DISTRIBUTION

VENEERS

RT COATINGS
FINISHES
LAMINATES
MASONRY

VENERA SATELLITES

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
VENERA SATELLITES
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
RT U S S R SPACE PROGRAM
VEGA PROJECT

VENERA 2 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE

VENERA 3 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 3 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 3 SATELLITE

VENERA 4 SATELLITE

GS UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 4 SATELLITE

VENERA 5 SATELLITE

GS UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 5 SATELLITE

VENERA 6 SATELLITE

GS UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 6 SATELLITE

VENERA 7 SATELLITE

GS UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 7 SATELLITE

VENERA 8 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 8 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 8 SATELLITE
RT U S S R SPACE PROGRAM
VENUS (PLANET)

VENERA 9 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 9 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
VENERA SATELLITES
VENERA 9 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 9 SATELLITE

VENERA 10 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 10 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
VENERA SATELLITES
VENERA 10 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 10 SATELLITE
RT U S S R SPACE PROGRAM
VENUS (PLANET)

VENERA 11 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 11 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
SOVIET SATELLITES
VENERA SATELLITES
VENERA 11 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 11 SATELLITE
RT U S S R SPACE PROGRAM
VENUS (PLANET)
VENUS ATMOSPHERE
VENUS SURFACE

VENERA 12 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 12 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES

SOVIET SATELLITES
 VENERA SATELLITES
 VENERA 12 SATELLITE
 UNMANNED SPACECRAFT
 SPACE PROBES
 VENUS PROBES
 VENERA SATELLITES
 VENERA 12 SATELLITE
 RT U S S R SPACE PROGRAM
 VENUS (PLANET)
 VENUS ATMOSPHERE
 VENUS SURFACE

GS MODELS
 MATHEMATICAL MODELS
 VENEZIANO MODEL
 RT ELEMENTARY PARTICLE INTERACTIONS

GS NATIONS
 VENEZUELA
 RT SOUTH AMERICA

GS DIAGRAMS
 VENN DIAGRAMS
 RT ANALYSIS (MATHEMATICS)
 GEOMETRY
 MATHEMATICAL LOGIC

USE DH 112 AIRCRAFT

RT AIR CONDITIONING
 AIR COOLING
 AIR FILTERS
 AIR FLOW
 AIR INTAKES
 AIR PURIFICATION
 BLOWERS
 COMFORT
 COOLING
 COOLING SYSTEMS
 DRAFT (GAS FLOW)
 DUCTS
 ENVIRONMENTAL ENGINEERING
 EXHAUST SYSTEMS
 EXHAUSTING
 LIFE SUPPORT SYSTEMS
 REFRIGERATING
 TEMPERATURE
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 VENTILATORS
 VENTING
 VENTS

RT BLOWERS
 COOLING
 COOLING SYSTEMS
 DUCTED FANS
 FAN BLADES
 ∞ FANS
 VENTILATORS

RT AIR DUCTS
 AIR INTAKES
 BLOWERS
 ∞ DIFFUSERS
 EXHAUST SYSTEMS
 VENTILATION
 VENTILATION FANS
 VENTS

RT BREATHING VIBRATION
 COOLING
 ∞ DISCHARGE
 EVACUATING (VACUUM)
 EXHAUSTING
 FLUSHING
 PURGING
 RELEASING
 RELIEF VALVES
 ∞ SEPARATION
 VENTILATION
 VENTS

RT ABDOMEN

GS OUTLETS
 VENTS
 RT ANNULAR DUCTS
 APERTURES
 CAVITIES
 CHIMNEYS
 COOLING SYSTEMS
 DUCTS
 EVACUATING (VACUUM)
 EXHAUST SYSTEMS
 FLUES
 GATES (OPENINGS)
 LOUVERS
 ∞ NOZZLES
 OPENINGS
 PORTS (OPENINGS)
 RELIEF VALVES
 SLOTTED WIND TUNNELS
 VENTILATION
 VENTILATORS
 VENTING
 WINDOWS (APERTURES)

RT ∞ DETECTORS
 FLOW MEASUREMENT
 FLOWMETERS
 GAS METERS
 MEASURING INSTRUMENTS
 ORIFICES
 PITOT TUBES
 PRESSURE GRADIENTS
 PRESSURE MEASUREMENT
 ∞ TUBES
 VELOCITY MEASUREMENT

GS CELESTIAL BODIES
 PLANETS
 TERRESTRIAL PLANETS
 VENERA (PLANET)
 RT PLANETARY CRATERS
 VEGA PROJECT
 VENERA 8 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE

GS ENVIRONMENTS
 EXTRATERRESTRIAL ENVIRONMENTS
 PLANETARY ENVIRONMENTS
 PLANETARY ATMOSPHERES
 VENERA ATMOSPHERE
 RT AEROSPACE ENVIRONMENTS
 IONOPAUSE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 VENUS ORBITING IMAGING RADAR
 (SPACECRAFT)

GS CLOUDS
 VENERA CLOUDS
 RT ATMOSPHERIC MODELS
 CLOUD COVER
 CLOUD PHYSICS
 GREENHOUSE EFFECT

GS ROCKET VEHICLES
 SOUNDING ROCKETS
 VENERA FLY TRAP ROCKET VEHICLE
 RT COSMIC DUST
 EXTRATERRESTRIAL MATTER

GS RADAR
 VENERA ORBITING IMAGING RADAR
 (SPACECRAFT)
 RT SYNTHETIC APERTURE RADAR
 VENUS ATMOSPHERE
 VENUS PROBES
 VENUS SURFACE

GS INTERPLANETARY SPACECRAFT
 VENERA PROBES
 MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE

MARINER 5 SPACE PROBE
 PIONEER VENUS 2 SPACECRAFT
 PIONEER VENUS 2 TRANSPORTER
 BUS
 VENERA SATELLITES
 VENERA 2 SATELLITE
 VENERA 3 SATELLITE
 VENERA 8 SATELLITE
 VENERA 9 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 ZOND 1 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES

MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE
 MARINER 5 SPACE PROBE
 VENERA SATELLITES
 VENERA 2 SATELLITE
 VENERA 3 SATELLITE
 VENERA 4 SATELLITE
 VENERA 5 SATELLITE
 VENERA 6 SATELLITE
 VENERA 7 SATELLITE
 VENERA 8 SATELLITE
 VENERA 9 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 ZOND 1 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 RT MARINER PROGRAM
 MARINER VENUS 67 SPACECRAFT
 MARS PROBES
 OUTER PLANETS EXPLORERS
 SPUTNIK 5 SATELLITE
 VENUS ORBITING IMAGING RADAR
 (SPACECRAFT)
 VOYAGER PROJECT

GS ECHOES
 RADAR ECHOES
 VENERA RADAR ECHOES

GS PLANETARY SURFACES
 VENERA SURFACE
 RT CLOUD COVER
 EXTRATERRESTRIAL ENVIRONMENTS
 PLANETARY CRATERS
 SOLAR SYSTEM
 ∞ SURFACES
 TOPOGRAPHY
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 VENUS ORBITING IMAGING RADAR
 (SPACECRAFT)

GS COMMUNICATING
 VERBAL COMMUNICATION
 RT ACOUSTICS
 CONVERSATION
 LANGUAGES
 LECTURES
 PHONETICS
 SPEECH BASEBAND COMPRESSION
 TELEPHONY
 VOICE COMMUNICATION
 VOICE DATA PROCESSING
 WORDS (LANGUAGE)

USE PROVING

GS CLAYS
 VERMICULITE
 MINERALS
 VERMICULITE

NASA THESAURUS (VOLUME 1)

VERMICULITE-(CONT)

RT INSULATION
MICA
PACKAGING

VERMONT

GS NATIONS
UNITED STATES
VERMONT
RT LAKE CHAMPLAIN BASIN (NY-VT)
ST LAWRENCE VALLEY (NORTH
AMERICA)

VERNEUIL PROCESS

GS GROWTH
CRYSTAL GROWTH
VERNEUIL PROCESS
RT CZOCHRALSKI METHOD
RUBY LASERS

VERNIER ENGINES

GS ENGINES
ROCKET ENGINES
VERNIER ENGINES
SYNCOM APOGEE ENGINES
TORPEDO ENGINES
VERNIER ENGINES
CONTROL ROCKETS
SYNCOM APOGEE ENGINES
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
HYBRID PROPELLANT ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
MA-2 ENGINE
MA-3 ENGINE
MA-5 ENGINE
MICROROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
THRUST VECTOR CONTROL

VERNINE

USE GUANOSINES

VERONIQUE ROCKET VEHICLES

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
VERONIQUE ROCKET VEHICLES
SOUNDING ROCKETS
VERONIQUE ROCKET VEHICLES
RT LIQUID PROPELLANT ROCKET ENGINES
∞ VEHICLES

VERSATILITY

RT COMPATIBILITY
FLEXIBILITY

VERTEBRAE

GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
VERTEBRAE
RT INTERVERTEBRAL DISKS
NECK (ANATOMY)
SPINE

VERTEBRAL COLUMN

GS ANATOMY
MUSCULOSKELETAL SYSTEM
VERTEBRAL COLUMN
RT BONES

VERTEBRATES

GS ANIMALS
VERTEBRATES
AMPHIBIA
FROGS
BIRDS
CHICKENS
PIGEONS
TURKEYS
WATERFOWL
FISHES
SCHOOLS (FISH)
SHARKS
MAMMALS
BATS
BEARS
CATS
CATTLE
CALVES
DEER

VERTEBRATES-(CONT)

CARIBOUS
DOGS
DOLPHINS
GOATS
HORSES
MANATEES
MARINE MAMMALS
PORPOISES
PRIMATES
APES
CHIMPANZEES
BABOONS
HUMAN BEINGS
MONKEYS
RODENTS
GUINEA PIGS
HAMSTERS
MICE
JERBOAS
POCKET MICE
RABBITS
RATS
SQUIRRELS
GROUND SQUIRRELS
SEALS (ANIMALS)
SHEEP
SHREWS
SWINE
WHALES
WOLVES
REPTILES
LIZARDS
SNAKES
TURTLES
RT HOMEOTHERMS

VERTICAL AIR CURRENTS

UF UPDRAFTS
GS FLUID FLOW
GAS FLOW
AIR FLOW
AIR CURRENTS
VERTICAL AIR CURRENTS
RT ATMOSPHERIC CIRCULATION
CONVECTION CLOUDS
CONVECTION CURRENTS
LEE WAVES
MIXING HEIGHT
SOARING
TURBULENCE
WIND (METEOROLOGY)
WINDS ALOFT

VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT

USE VATOL AIRCRAFT

VERTICAL DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
VERTICAL DISTRIBUTION
STAR DISTRIBUTION
RT ELECTRON DISTRIBUTION
ION DISTRIBUTION
PRESSURE DISTRIBUTION
RADIATION DISTRIBUTION
SPATIAL DISTRIBUTION
TEMPERATURE DISTRIBUTION
WIND PROFILES

VERTICAL FINS

USE FINS

VERTICAL FLIGHT

RT BALLOON FLIGHT
CLIMBING FLIGHT
∞ FLIGHT
FLIGHT PATHS
HOVERING
ROCKET FLIGHT
V/STOL AIRCRAFT

VERTICAL JUNCTION SOLAR CELLS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
SOLAR CELLS
VERTICAL JUNCTION SOLAR CELLS
SOLAR GENERATORS
SOLAR CELLS
VERTICAL JUNCTION SOLAR CELLS
RT WAFERS

VERTICAL LANDING

UF VERTICAL TAKEOFF AND LANDING
VTOL

VERTICAL TAKEOFF AIRCRAFT

VERTICAL LANDING-(CONT)

GS LANDING
VERTICAL LANDING
RT AIRCRAFT LANDING
SPACECRAFT LANDING
TOUCHDOWN
VATOL AIRCRAFT

VERTICAL MOTION

RT FALLING
∞ MOTION
TOUCHDOWN

VERTICAL MOTION SIMULATORS

GS SIMULATORS
VIBRATION SIMULATORS
VERTICAL MOTION SIMULATORS
RT ∞ MOTION
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VERTICAL ORIENTATION

RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
HORIZONTAL ORIENTATION
LATERAL STABILITY
∞ ORIENTATION
STABILIZATION

VERTICAL PERCEPTION

GS PERCEPTION
SENSORY PERCEPTION
VERTICAL PERCEPTION
RT BODY SWAY TEST
GRAVIRECEPTORS
OCULOGRAVIC ILLUSIONS
∞ ORIENTATION
OTOLITH ORGANS
∞ SPACE ORIENTATION
VESTIBULAR TESTS

VERTICAL STABILIZERS

USE STABILIZERS (FLUID DYNAMICS)

VERTICAL TAILS

USE STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES

VERTICAL TAKEOFF

UF VERTICAL TAKEOFF AND LANDING
VTOL
GS TAKEOFF
VERTICAL TAKEOFF

VERTICAL TAKEOFF AIRCRAFT

UF VTOL AIRCRAFT
GS V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
FLYING PLATFORMS
SC-1 AIRCRAFT
VJ-101 AIRCRAFT
VZ-8 AIRCRAFT
X-13 AIRCRAFT
X-14 AIRCRAFT
X-19 AIRCRAFT
X-22 AIRCRAFT
X-22A AIRCRAFT
XV-4 AIRCRAFT
XV-11A AIRCRAFT
RT ∞ AIRCRAFT
BELL 214A HELICOPTER
CF-700 ENGINE
CIRCULATION CONTROL ROTORS
COMPOUND HELICOPTERS
CUSHIONCRAFT GROUND EFFECT
MACHINE
FAN IN WING AIRCRAFT
GETOL AIRCRAFT
HELICOPTERS
LIFT FANS
LIFTING ROTORS
∞ MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
∞ SUBSONIC AIRCRAFT
T-58 ENGINE
T-58-GE-8B ENGINE
TILT WING AIRCRAFT
VATOL AIRCRAFT
∞ WINGED VEHICLES

VERTICAL TAKEOFF AND LANDING

VERTICAL TAKEOFF AND LANDING
USE VERTICAL LANDING
VERTICAL TAKEOFF

VERTICAL 8 ROCKET
GS ROCKET VEHICLES
SOUNDING ROCKETS
VERTICAL 8 ROCKET
RT PAYLOADS
∞ ROCKETS

VERTICES
USE APEXES

VERTIGO
GS SIGNS AND SYMPTOMS
VERTIGO
RT BARANY CHAIR
EAR PRESSURE TEST
VESTIBULAR TESTS

VERTOL MILITARY HELICOPTERS
USE BOEING AIRCRAFT

VERY HIGH FREQUENCIES
SN (30 TO 300 MHZ)
GS FREQUENCIES
RADIO FREQUENCIES
VERY HIGH FREQUENCIES
P BAND
RT DECA-METRIC WAVES
LOW FREQUENCY BANDS
MAXIMUM USABLE FREQUENCY

VERY HIGH FREQUENCY RADIO EQUIPMENT
UF ULTRA SHORT WAVE RADIO EQUIPMENT
GS RADIO EQUIPMENT
VERY HIGH FREQUENCY RADIO EQUIPMENT
RT RADIO ASTRONOMY
ULTRAHIGH FREQUENCIES

VERY HIGH SPEED INTEGRATED CIRCUITS
USE VHSIC (CIRCUITS)

VERY LARGE SCALE INTEGRATION
UF VLSI
GS CIRCUITS
INTEGRATED CIRCUITS
VERY LARGE SCALE INTEGRATION
RT ARCHITECTURE (COMPUTERS)
CHIPS (ELECTRONICS)
LARGE SCALE INTEGRATION

VERY LONG BASE INTERFEROMETRY
UF VLBI
GS INTERFEROMETRY
VERY LONG BASE INTERFEROMETRY
RT DIFFRACTION PATTERNS
INTERFEROMETERS
NULL ZONES
QUASAR
RADIO ASTRONOMY
RADIO INTERFEROMETERS

VERY LOW FREQUENCIES
SN (3 TO 30 KH2)
GS FREQUENCIES
RADIO FREQUENCIES
LOW FREQUENCIES
VERY LOW FREQUENCIES
LOW FREQUENCY BANDS
VERY LOW FREQUENCIES
RT AUDIO FREQUENCIES

∞ **VESSELS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
RT BLOOD VESSELS
∞ CAPSULES
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
NAVY
PRESSURE VESSELS
SHIPS

VESTA ASTEROID
GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
VESTA ASTEROID
RT METEORIDS
SOLAR SYSTEM

VESTA ASTEROID-(CONT)
SPACE DEBRIS

VESTIBULAR NYSTAGMUS
GS REFLEXES
VESTIBULAR NYSTAGMUS
RT ANATOMY
EYE (ANATOMY)
OPHTHALMOLOGY

VESTIBULAR TESTS
GS PHYSIOLOGICAL TESTS
VESTIBULAR TESTS
RT BODY SWAY TEST
CORIOLIS EFFECT
EAR PRESSURE TEST
VERTICAL PERCEPTION
VERTIGO

VESTIBULES
GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
VESTIBULES
RT MORPHOLOGY
PASSAGEWAYS
SEMICIRCULAR CANALS

VESTS
RT CLOTHING
GARMENTS

VETERINARY MEDICINE
RT ∞ BIOLOGY
DIAGNOSIS
DISEASES
EPIDEMIOLOGY
IMMUNOLOGY
INJURIES
∞ MEDICINE
PATHOLOGY
PHARMACOLOGY
SURGERY

VFR (RULES)
USE VISUAL FLIGHT RULES

VHF OMNIRANGE NAVIGATION
UF OMNIRANGE NAVIGATION
VOR SYSTEMS
GS NAVIGATION
RADIO NAVIGATION
VHF OMNIRANGE NAVIGATION
RT AIR NAVIGATION
NAVIGATION AIDS
RADIO DIRECTION FINDERS
SOLAR COMPASSES

VHSIC (CIRCUITS)
UF VERY HIGH SPEED INTEGRATED CIRCUITS
GS CIRCUITS
INTEGRATED CIRCUITS
VHSIC (CIRCUITS)
RT CHIPS (ELECTRONICS)
LARGE SCALE INTEGRATION
SIGNAL PROCESSING

VIABILITY
RT ANIMALS
CARBON CYCLE
CROP VIGOR
GERMINATION
GROWTH
PLANTS (BOTANY)
SEEDS

VIBRATION
UF JITTER
GS **VIBRATION**
COMBUSTION VIBRATION
FORCED VIBRATION
FREE VIBRATION
LATTICE VIBRATIONS
POGO EFFECTS
RANDOM VIBRATION
RESONANT VIBRATION
STRUCTURAL VIBRATION
BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
PANEL FLUTTER
SUBSONIC FLUTTER

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VIBRATION-(CONT)
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
LINEAR VIBRATION
MISSILE VIBRATION
SELF INDUCED VIBRATION
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
TORSIONAL VIBRATION

RT ACOUSTICS
AMPLITUDES
ANTINODES
COMPACTING
CYCLIC LOADS
DISPLACEMENT
∞ DYNAMICS
ELASTIC WAVES
FATIGUE (MATERIALS)
FLAPPING
HARMONICS
ISOLATORS
MECHANICAL OSCILLATORS
MECHANICAL SHOCK
MODES (STANDING WAVES)
∞ MOTION
NODES (STANDING WAVES)
NUTATION
OSCILLATING CYLINDERS
OSCILLATIONS
OSCILLATORS
RESONANCE
SHAKING
SHOCK RESISTANCE
SPACECRAFT MOTION
STANDING WAVES
VIBRATIONAL STRESS
VIBRATORY LOADS
VIBRATORY POLISHING
∞ WAVES
WING OSCILLATIONS

VIBRATION DAMPERS
USE VIBRATION ISOLATORS

VIBRATION DAMPING
GS DAMPING
VIBRATION DAMPING
RT ACOUSTICS
ATTENUATION
DAST PROGRAM
ELASTIC DAMPING
FLEXIBLE SPACECRAFT
GYRODAMPERS
HARMONIC CONTROL
MOLECULAR RELAXATION
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
SHOCK ABSORBERS

VIBRATION EFFECTS
GS **VIBRATION EFFECTS**
POGO EFFECTS
RT ∞ EFFECTS
SUPPORT INTERFERENCE
VIBRATIONAL STRESS

VIBRATION ISOLATORS
UF VIBRATION DAMPERS
VIBRATION PROTECTION
GS ISOLATORS
VIBRATION ISOLATORS
RT ∞ ABSORBERS
ACOUSTIC RETROFITTING
CUSHIONS
∞ DAMPERS
DAMPERS (VALVES)
DAMPING
ENERGY ABSORPTION
NOISE REDUCTION
OSCILLATION DAMPERS
SHOCK ABSORBERS
SPRINGS (ELASTIC)
SUSPENSION SYSTEMS (VEHICLES)

VIBRATION MEASUREMENT
GS MECHANICAL MEASUREMENT
VIBRATION MEASUREMENT
RT CEPSTRAL ANALYSIS
DAMPING TESTS
FREQUENCY ANALYZERS
FREQUENCY MEASUREMENT
∞ MEASUREMENT
STRESS MEASUREMENT

NASA THESAURUS (VOLUME 1)

VIBRATION MEASUREMENT-(CONT) VIBRATIONAL SPECTRA

VIBRATION METERS

UF VIBROMETERS
GS MEASURING INSTRUMENTS
VIBRATION METERS
SEISMOGRAPHS
LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
TRANSDUCERS

VIBRATION MODE

UF MODE OF VIBRATION
GS MODES
VIBRATION MODE
UNCOUPLED MODES
RT FREE VIBRATION
LINEAR VIBRATION
MODE TRANSFORMERS
TRANSVERSE WAVES

VIBRATION PERCEPTION

GS PERCEPTION
SENSORY PERCEPTION
VIBRATION PERCEPTION

VIBRATION PROTECTION

USE VIBRATION ISOLATORS

VIBRATION SIMULATORS

UF VIBRATION TESTING MACHINES
GS SIMULATORS
VIBRATION SIMULATORS
VERTICAL MOTION SIMULATORS
RT FLUTTER
MACHINERY
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VIBRATION TESTING MACHINES

USE VIBRATION SIMULATORS

VIBRATION TESTS

GS VIBRATION TESTS
DAMPING TESTS
STROKING TESTS
RT DESTRUCTIVE TESTS
DYNAMIC TESTS
ELECTRONIC EQUIPMENT TESTS
ENGINE TESTS
ENVIRONMENTAL TESTS
FLIGHT TESTS
FLUTTER
MECHANICAL ENGINEERING
OSCILLATIONS
RESONANCE TESTING
SHOCK TESTS
STABILITY TESTS
STATIC TESTS
STRUCTURAL VIBRATION
TESTS

VIBRATIONAL FREEZING

GS PHASE TRANSFORMATIONS
FREEZING
VIBRATIONAL FREEZING

VIBRATIONAL FREQUENCIES

USE VIBRATIONAL SPECTRA

VIBRATIONAL RELAXATION

USE MOLECULAR RELAXATION

VIBRATIONAL SPECTRA

UF VIBRATIONAL FREQUENCIES
GS SPECTRA
MOLECULAR SPECTRA
VIBRATIONAL SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
VIBRATIONAL SPECTRA
RT ELECTRONIC SPECTRA
ENERGY SPECTRA
MOLECULAR RELAXATION
RAMAN SPECTRA
SHOCK SPECTRA
TRANSIENT OSCILLATIONS
VIBRATION MEASUREMENT

VIBRATIONAL STRESS

GS STRESSES
VIBRATIONAL STRESS

VIBRATIONAL STRESS-(CONT)

RT FLUTTER
VIBRATION
VIBRATION EFFECTS
VIBRATORY LOADS

VIBRATORY LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
VIBRATORY LOADS
RT AERODYNAMIC LOADS
CYCLIC LOADS
STRUCTURAL DESIGN CRITERIA
VERTICAL MOTION SIMULATORS
VIBRATION
VIBRATION SIMULATORS
VIBRATIONAL STRESS

VIBRATORY POLISHING

GS POLISHING
VIBRATORY POLISHING
RT METALLOGRAPHY
VIBRATION

VIBROCARDIOGRAPHY

USE PHONOCARDIOGRAPHY

VIBROMETERS

USE VIBRATION METERS

VICKERS SCIMITAR AIRCRAFT

USE SCIMITAR AIRCRAFT

VICKERS VALIANT AIRCRAFT

USE VALIANT AIRCRAFT

VICKERS VC-10 AIRCRAFT

USE VC-10 AIRCRAFT

VICKERS 1100 AIRCRAFT

USE VC-10 AIRCRAFT

VICTOR MK-1 AIRCRAFT

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
VICTOR MK-1 AIRCRAFT
HANDLEY PAGE AIRCRAFT
VICTOR MK-1 AIRCRAFT
JET AIRCRAFT
VICTOR MK-1 AIRCRAFT
MONOPLANES
VICTOR MK-1 AIRCRAFT
RECONNAISSANCE AIRCRAFT
VICTOR MK-1 AIRCRAFT
RT AIRCRAFT

VIDEO COMMUNICATION

GS TELECOMMUNICATION
VIDEO COMMUNICATION
RT TELEVISION SYSTEMS
VIDEO SIGNALS

VIDEO DATA

RT ANALOG DATA
DATA
DATA CONVERTERS
DATA TRANSMISSION
DIGITAL DATA
DISPLAY DEVICES
RADAR DATA
SMEAR
TELECOMMUNICATION
TELEVISION SYSTEMS
VIDEO DISKS
VIDEO SIGNALS

VIDEO DISKS

GS DOCUMENTS
RECORDS
VIDEO DISKS
RT DATA RECORDERS
DATA RECORDING
DATA STORAGE
DISKS (SHAPES)
MAGNETIC DISKS
MEMORY (COMPUTERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
OPTICAL MEMORY (DATA STORAGE)
PLAYBACKS
VIDEO DATA
VIDEO EQUIPMENT

VIKING LANDER SPACECRAFT

VIDEO EQUIPMENT

GS VIDEO EQUIPMENT
PICTURE TUBES
RT ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
CAMERA TUBES
CATHODE RAY TUBES
COMPENSATORS
DISPLAY DEVICES
FLYING SPOT SCANNERS
MOTION PICTURES
OPTICAL EQUIPMENT
OSCILLOSCOPES
RECORDING HEADS
TELEVISION EQUIPMENT
VIDEO DISKS
VIDICONS

VIDEO LANDMARK ACQUISITION AND TRACKING

GS TRACKING (POSITION)
VIDEO LANDMARK ACQUISITION AND
TRACKING
RT AVIONICS
IMAGE CORRELATORS
MAP MATCHING GUIDANCE
SCENE ANALYSIS
SIGNATURES
TERCOM
TERRAIN ANALYSIS
TRACKING FILTERS

VIDEO SIGNALS

RT SIGNAL PROCESSING
SIGNAL TRANSMISSION
SIGNALS
VIDEO COMMUNICATION
VIDEO DATA

VIDICONS

GS ELECTRON TUBES
CAMERA TUBES
VIDICONS
RETURN BEAM VIDICONS
THERMICON
MICROWAVE EQUIPMENT
VIDICONS
THERMICON
RT ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
FIBER OPTICS
VIDEO EQUIPMENT

VIETNAM

UF NORTH VIETNAM
REPUBLIC OF VIETNAM
SOUTH VIETNAM
GS NATIONS
VIETNAM
RT ASIA
SOUTHEAST ASIA

VIEW EFFECTS

SN (EFFECTS OF CHANGE IN ANGULAR
SIZE OF FIELD OF VIEW UPON
RECEPTORS OF RADIATION)
RT ANGULAR CORRELATION
EFFECTS
RADIANT FLUX DENSITY
RADIATION MEASURING INSTRUMENTS
RADIATIVE HEAT TRANSFER
VIEWING

VIEWING

GS VIEWING
FIELD OF VIEW
RT DISPLAY DEVICES
PERISCOPES
VIEW EFFECTS
VISIBILITY
VISION

VIGILANTE AIRCRAFT

USE A-5 AIRCRAFT

VIGNETTING

RT DEFECTS
FOCUSING
LENSES

VIKING LANDER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
MARS PROBES
VIKING SPACECRAFT
VIKING 1 SPACECRAFT

VIKING LANDER 1

VIKING LANDER SPACECRAFT-(CONT)

VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING 2 SPACECRAFT
VIKING LANDER SPACECRAFT
 VIKING LANDER 2
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 UNMANNED SPACECRAFT

VIKING LANDER 1

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
VIKING LANDER 1
 RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 UNMANNED SPACECRAFT

VIKING LANDER 2

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
 VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
VIKING LANDER 2
 RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 UNMANNED SPACECRAFT

VIKING MARS PROGRAM

GS SPACE FLIGHT
VIKING MARS PROGRAM
 RT NASA PROGRAMS

VIKING ORBITER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING 2 SPACECRAFT
VIKING ORBITER SPACECRAFT
 VIKING ORBITER 2
 RT INTERPLANETARY TRAJECTORIES
 PLANETARY ORBITS
 SATELLITES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 ∞SPACECRAFT
 UNMANNED SPACECRAFT

VIKING ORBITER 1

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
 VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 ∞SPACECRAFT
 UNMANNED SPACECRAFT

VIKING ORBITER 2

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
 VIKING 2 SPACECRAFT
 VIKING ORBITER SPACECRAFT
VIKING ORBITER 2
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 ∞SPACECRAFT
 UNMANNED SPACECRAFT

VIKING ORBITER 1975

GS UNMANNED SPACECRAFT
 SPACE PROBES

VIKING ORBITER 1975-(CONT)

MARS PROBES
VIKING ORBITER 1975

VIKING ROCKET VEHICLE

GS ROCKET VEHICLES
 SINGLE STAGE ROCKET VEHICLES
VIKING ROCKET VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS
 VANGUARD 2 LAUNCH VEHICLE

VIKING SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 2

VIKING 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 UNMANNED SPACECRAFT

VIKING 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 VIKING SPACECRAFT
VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 2
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE PROBES
 UNMANNED SPACECRAFT

VIKING 75 ENTRY VEHICLE

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
VIKING 75 ENTRY VEHICLE
 RT MARS LANDING
 SOFT LANDING

VINEYARDS

RT AGRICULTURE
 BLIGHT
 BOTANY
 CROP GROWTH
 CROP VIGOR
 ∞CROPS
 EARTH RESOURCES
 FARM CROPS
 ∞FOOD
 IRRIGATION
 PLANTS (BOTANY)
 WINES

VINTI THEORY

GS PERTURBATION THEORY
VINTI THEORY
 RT GEODESY
 ORBIT PERTURBATION
 ∞THEORIES

VINYL COPOLYMERS

GS PLASTICS
 SYNTHETIC RESINS
 ADDITION RESINS
VINYL COPOLYMERS
 POLYMERIZATION
VINYL COPOLYMERS
 RESINS
 SYNTHETIC RESINS
 ADDITION RESINS

NASA THESAURUS (VOLUME 1)

VINYL COPOLYMERS-(CONT)

VINYL COPOLYMERS
 RT ADDITIVES
 COPOLYMERS
 ∞POLYMERS

VINYL CYANIDE

USE ACRYLONITRILES

VINYL ETHYLENE

USE BUTADIENE

VINYL POLYMERS

GS **VINYL POLYMERS**
 POLYVINYL FLUORIDE
 RT ∞POLYMERS
 POLYVINYL ALCOHOL
 POLYVINYL CHLORIDE

VINYL RADICAL

GS RADICALS
VINYL RADICAL
 RT FREE RADICALS

VINYLDIENE

GS ALIPHATIC COMPOUNDS
 ALKENES
 ETHYLENE
VINYLDIENE
 HYDROCARBONS
 ALKENES
 ETHYLENE
VINYLDIENE

VIOLENCE

GS **VIOLENCE**
 ATTACKING (ASSAULTING)
 RT CRIME
 DISORDERS
 POLICE
 WARFARE

VIRGIN ISLANDS

GS LANDFORMS
 ISLANDS
 WEST INDIES
VIRGIN ISLANDS
 RT ARCHIPELAGOES
 CARIBBEAN REGION
 CARIBBEAN SEA
 TROPICAL REGIONS
 UNITED STATES

VIRGINIA

GS NATIONS
 UNITED STATES
VIRGINIA
 RT ALLEGHENY PLATEAU (US)
 ASSATEAGUE ISLAND (MD-VA)
 CHESAPEAKE BAY (US)
 DELMARVA PENINSULA (DE-MD-VA)
 POTOMAC RIVER VALLEY (MD-VA-WV)
 SHENANDOAH VALLEY (VA)
 WALLOPS ISLAND

VIRGO GALACTIC CLUSTER

UF VIRGO STAR CLUSTER
 GS CELESTIAL BODIES
 GALAXIES
 GALACTIC CLUSTERS
VIRGO GALACTIC CLUSTER
 STAR CLUSTERS
VIRGO GALACTIC CLUSTER
 RT AGGLOMERATION
 BARRED GALAXIES
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 LOCAL GROUP (ASTRONOMY)
 SPIRAL GALAXIES
 STAR CLUSTERS
 STAR DISTRIBUTION
 STARS

VIRGO STAR CLUSTER

USE VIRGO GALACTIC CLUSTER

VIRIAL COEFFICIENTS

GS COEFFICIENTS
VIRIAL COEFFICIENTS
 RT EQUATIONS OF STATE
 INTERMOLECULAR FORCES
 VIRIAL THEOREM

VIRIAL THEOREM

- GS THEOREMS
- RT **VIRIAL THEOREM**
 - KINETIC ENERGY
 - KINETIC EQUATIONS
 - ∞ MECHANICS (PHYSICS)
 - MISSING MASS (ASTROPHYSICS)
 - VIRIAL COEFFICIENTS

VIRTUAL MEMORY SYSTEMS

- RT COMPUTER SYSTEMS DESIGN
 - DATA MANAGEMENT
 - DATA STORAGE
 - MAGNETIC STORAGE

VIRTUAL PROPERTIES

- RT ACCURACY
 - ∞ PHYSICAL PROPERTIES
 - ∞ PROPERTIES

VIRULENCE

- RT MICROORGANISMS
 - TOXICITY
 - VIRUSES

VIRUSES

- GS MICROORGANISMS
 - VIRUSES**
 - ADENOVIRUSES
 - BACTERIOPHAGES
- RT ∞ BLISTERS
 - INTERFERON
 - PROTOBIOLOGY
 - VIRULENCE

VISCERA

- GS **VISCERA**
 - ABDOMEN
 - APPENDIX (ANATOMY)
 - ENDOCRINE GLANDS
 - ADRENAL GLAND
 - GONADS
 - OVARIES
 - PANCREAS
 - PARATHYROID GLAND
 - PINEAL GLAND
 - PITUITARY GLAND
 - PROSTATE GLAND
 - THYMUS GLAND
 - THYROID GLAND
 - INTESTINES
 - RECTUM
 - ORGANS
 - BLADDER
 - ESOPHAGUS
 - KIDNEYS
 - LIVER
 - LUNGS
 - OVARIES
 - PITUITARY GLAND
 - SPLEEN
 - STOMACH
 - TESTES
 - SEX GLANDS
 - GONADS
 - OVARIES
 - PROSTATE GLAND
 - TESTES

VISCOELASTIC CYLINDERS

- RT ∞ CYLINDERS
 - CYLINDRICAL BODIES
 - CYLINDRICAL SHELLS

VISCOELASTIC DAMPING

- GS DAMPING
 - ELASTIC DAMPING
 - VISCOELASTIC DAMPING**
 - VISCOUS DAMPING
 - VISCOELASTIC DAMPING

VISCOELASTIC FLOW

- USE VISCOELASTICITY

VISCOELASTICITY

- UF VISCOELASTIC FLOW
- GS MECHANICAL PROPERTIES
 - ELASTIC PROPERTIES
 - VISCOELASTICITY**
 - PHOTOVISCOELASTICITY
 - THERMOVISCOELASTICITY
- RT HYDROELASTICITY
 - HYSTERESIS
 - MAXWELL FLUIDS

VISCOELASTICITY-(CONT)

- NONNEWTONIAN FLOW
- NONNEWTONIAN FLUIDS
- PLASTIC FLOW
- RELAXATION (MECHANICS)
- SQUEEZE FILMS
- VISCOPLASTICITY
- VISCOUS DAMPING

VISCOMETERS

- GS MEASURING INSTRUMENTS
 - VISCOMETERS**
- RT ROTATING CYLINDERS
 - VISCOMETRY
 - VISCOSITY

VISCOMETRY

- RT ROTATING CYLINDERS
 - VISCOMETERS
 - VISCOSITY
 - VISCOUS DRAG
 - VISCOUS FLOW

VISCOPLASTIC FLOW

- USE VISCOPLASTICITY

VISCOPLASTICITY

- UF VISCOPLASTIC FLOW
- GS MECHANICAL PROPERTIES
 - PLASTIC PROPERTIES
 - VISCOPLASTICITY**
- RT HYSTERESIS
 - NONNEWTONIAN FLOW
 - NONNEWTONIAN FLUIDS
 - PLASTIC ANISOTROPY
 - PLASTIC FLOW
 - RELAXATION (MECHANICS)
 - VISCOELASTICITY
 - VISCOUS DAMPING

VISCOPUMPS

- GS PUMPS
 - VISCOPUMPS**
- RT VISCOUS FLOW

VISCOSITY

- GS TRANSPORT PROPERTIES
 - VISCOSITY**
 - EDDY VISCOSITY
 - GAS VISCOSITY
- RT DENSITY (MASS/VOLUME)
 - FLOW CHARACTERISTICS
 - FLOW RESISTANCE
 - INTERNAL FRICTION
 - ∞ MOTION
 - ∞ PHYSICAL PROPERTIES
 - ∞ RHEOLOGY
 - SIMILITUDE LAW
 - SOLUBILITY
 - STOKES LAW (FLUID MECHANICS)
 - SUPERFLUIDITY
 - SURFACE PROPERTIES
 - THERMAL DIFFUSION
 - THERMAL DIFFUSIVITY
 - THIXOTROPY
 - VISCOMETERS
 - VISCOMETRY
 - VISCOUS FLOW

VISCOUNT AIRCRAFT

- GS BAC AIRCRAFT
 - VISCOUNT AIRCRAFT**
 - JET AIRCRAFT
 - TURBOPROP AIRCRAFT
 - VISCOUNT AIRCRAFT**
 - MONOPLANES
 - VISCOUNT AIRCRAFT**
 - PASSENGER AIRCRAFT
 - VISCOUNT AIRCRAFT**
 - TRANSPORT AIRCRAFT
 - VISCOUNT AIRCRAFT**
- RT ∞ AIRCRAFT

VISCOUS DAMPING

- GS DAMPING
 - VISCOUS DAMPING**
 - VISCOELASTIC DAMPING
- RT ELASTIC DAMPING
 - RESONANCE TESTING
 - VISCOELASTICITY
 - VISCOPLASTICITY

VISCOUS DRAG

- GS DYNAMIC CHARACTERISTICS

VISCOUS DRAG-(CONT)

- DRAG
 - FRICTION DRAG
 - VISCOUS DRAG**
- FRICTION
 - FLOW RESISTANCE
 - FRICTION DRAG
 - VISCOUS DRAG**
 - SKIN FRICTION
 - FRICTION DRAG
 - VISCOUS DRAG**
- RT EDDY VISCOSITY
 - HARTMANN NUMBER
 - LAMINAR FLOW
 - TURBULENT FLOW
 - VISCOMETRY

VISCOUS FLOW

- GS FLUID FLOW
 - VISCOUS FLOW**
 - BOUNDARY LAYER FLOW
 - REATTACHED FLOW
 - SECONDARY FLOW
 - SEPARATED FLOW
 - BOUNDARY LAYER SEPARATION
 - COUETTE FLOW
 - KARMAN-BODEWADT FLOW
 - STOKES FLOW
- RT AERODYNAMICS
 - BAROTROPIC FLOW
 - EDDY VISCOSITY
 - ∞ FLOW
 - FLOW CHARACTERISTICS
 - GAS FLOW
 - INVISCID FLOW
 - KNUDSEN FLOW
 - LAMINAR FLOW
 - MAGNETOHYDRODYNAMIC SHEAR
 - HEATING
 - MAXWELL FLUIDS
 - MILNE-THOMSON METHOD
 - NAVIER-STOKES EQUATION
 - POHLHAUSEN METHOD
 - PRANDTL NUMBER
 - REYNOLDS NUMBER
 - TURBULENT FLOW
 - VISCOMETRY
 - VISCOPUMPS
 - VISCOSITY
 - WEDGE FLOW

VISCOUS FLUIDS

- RT FLOW STABILITY
 - ∞ FLUIDS
 - MAXWELL FLUIDS
 - NAVIER-STOKES EQUATION
 - NEWTONIAN FLUIDS
 - NONNEWTONIAN FLUIDS
 - OSEEN APPROXIMATION
 - SEMISOLIDS
 - SQUEEZE FILMS
 - WEIGHTLESS FLUIDS

VISIBILITY

- UF INVISIBILITY
- GS **VISIBILITY**
 - LOW VISIBILITY
- RT APPEARANCE
 - BRIGHTNESS
 - CEILINGS (METEOROLOGY)
 - CHARACTER RECOGNITION
 - COLOR
 - CONTRAST
 - DARKENING
 - FOG
 - GLARE
 - HAZE
 - HUMAN FACTORS ENGINEERING
 - ILLUMINANCE
 - IMAGE CONTRAST
 - LEGIBILITY
 - LIGHT (VISIBLE RADIATION)
 - LIGHT TRANSMISSION
 - LUMINESCENCE
 - LUMINOSITY
 - NIGHT FLIGHTS (AIRCRAFT)
 - OPACITY
 - OPTICAL PROPERTIES
 - PERCEPTION
 - RADIANCE
 - READING
 - RESOLUTION
 - RETINAL ADAPTATION
 - SENSITIVITY
 - SMOKE

VISIBLE INFRARED SPIN SCAN RADIOMETER

VISIBILITY-(CONT)

SYMBOLS
TRANSMISSIVITY
VIEWING
VISION
VISUAL CONTROL
WHITEOUT

VISIBLE INFRARED SPIN SCAN RADIOMETER

RT ATMOSPHERIC SOUNDING
INFRARED RADIOMETERS
SATELLITE SOUNDING
SATELLITE-BORNE INSTRUMENTS

VISIBLE RADIATION

USE LIGHT (VISIBLE RADIATION)

VISIBLE SPECTRUM

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
VISIBLE SPECTRUM
RT ∞ ABSORPTION
ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
AURORAL SPECTROSCOPY
CATHODOLUMINESCENCE
EMISSION SPECTRA
GAS SPECTROSCOPY
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
SPECTRAL BANDS
SPECTROSCOPY
STELLAR SPECTRA

VISION

UF MACULAR VISION
GS VISION
BINOCULAR VISION
COLOR VISION
MONOCULAR VISION
NIGHT VISION
PERIPHERAL VISION
STEREOSCOPIC VISION
RT ADAPTATION
ANASTIGMATISM
BLINDNESS
BRIGHTNESS
CHOROID MEMBRANES
COLOR
CONJUNCTIVA
CONTRAST
CORNEA
DARK ADAPTATION
EYE (ANATOMY)
EYE DOMINANCE
FLASH BLINDNESS
GLARE
HETEROPHORIA
HUMAN FACTORS ENGINEERING
HYPEROPIA
ILLUSIONS
IMAGES
LEGIBILITY
LIGHT ADAPTATION
MIOSIS
MYOPIA
OCULOMOTOR NERVES
OPHTHALMODYNAMOMETRY
OPTOMETRY
PERCEPTION
PHOSPHENE
PRESBYOPIA
PUPILS
RESOLUTION
RETINA
RETINAL ADAPTATION
THRESHOLDS (PERCEPTION)
VIEWING
VISIBILITY
VISUAL ACUITY

VISORS

RT EYE PROTECTION
RADIATION PROTECTION
SUNGLASSES

VISUAL ACCOMMODATION

RT ACCOMMODATION

VISUAL ACUITY

GS ACUITY
VISUAL ACUITY

VISUAL ACUITY-(CONT)

HYPEROPIA
RT PERIPHERAL VISION
SNELLEN TESTS
VISION

VISUAL AIDS

UF AUDIO VISUAL EQUIPMENT
RT ∞ AIDS
CHARTS
DIAGRAMS
DISPLAY DEVICES
DRAWINGS
PHOTOGRAPHS
TRAINING DEVICES

VISUAL CONTROL

GS MANUAL CONTROL
VISUAL CONTROL
RT AIRCRAFT CONTROL
APPROACH CONTROL
ATTITUDE CONTROL
∞ CONTROL
DISPLAY DEVICES
GUIDANCE (MOTION)
MISSILE CONTROL
REMOTE CONTROL
RUNWAY LIGHTS
SERVOCONTROL
SPACECRAFT CONTROL
VISIBILITY

VISUAL DISCRIMINATION

GS DISCRIMINATION
SENSORY DISCRIMINATION
VISUAL DISCRIMINATION
PERCEPTION
SENSORY PERCEPTION
VISUAL PERCEPTION
VISUAL DISCRIMINATION
RT ∞ RECOVERY

VISUAL DISPLAYS

USE DISPLAY DEVICES

VISUAL FIELDS

RT FIELD OF VIEW
∞ FIELDS
PERIPHERAL VISION
RETINA
SACCADIC EYE MOVEMENTS
SPACE PERCEPTION

VISUAL FLIGHT

RT AIR NAVIGATION
COLLISION AVOIDANCE
∞ FLIGHT
FLIGHT CONDITIONS
FLIGHT PATHS
FLIGHT SAFETY
LANDING
WHITEOUT

VISUAL FLIGHT RULES

UF VFR (RULES)
GS RULES
FLIGHT RULES
VISUAL FLIGHT RULES

VISUAL OBSERVATION

GS OBSERVATION
VISUAL OBSERVATION
RT COMPANION STARS
SPACE OBSERVATIONS (FROM EARTH)

VISUAL PERCEPTION

UF SIGHT
GS PERCEPTION
SENSORY PERCEPTION
VISUAL PERCEPTION
CRITICAL FLICKER FUSION
SPACE PERCEPTION
AUTOKINESIS
VISUAL DISCRIMINATION
RT AFTERIMAGES
BLINKING
BRIGHTNESS DISCRIMINATION
ELEVATOR ILLUSION
MOTION PERCEPTION
∞ ORIENTATION
PERCEPTUAL ERRORS
∞ SPACE ORIENTATION
TACHISTOSCOPES
THRESHOLDS (PERCEPTION)

NASA THESAURUS (VOLUME 1)

VISUAL PHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
VISUAL PHOTOMETRY

VISUAL PIGMENTS

GS PIGMENTS
VISUAL PIGMENTS
RT DARK ADAPTATION
PHOTORECEPTORS
PHOTOSENSITIVITY

VISUAL SIGNALS

RT BEACONS
CUES
LUMINAIRES
OPTICAL COMMUNICATION
∞ SIGNALS

VISUAL STIMULI

RT PERCEPTUAL ERRORS
∞ SIGNALS
∞ STIMULI

VISUAL TASKS

GS TASKS
VISUAL TASKS

VISUAL TRACKING

USE OPTICAL TRACKING

VISUALIZATION OF FLOW

USE FLOW VISUALIZATION

VITAMIN A

USE RETINENE

VITAMIN B

USE THIAMINE

VITAMIN B COMPLEX

USE BIOTIN

VITAMIN B 2

USE RIBOFLAVIN

VITAMIN B 6

USE PYRIDOXINE

VITAMIN B 12

USE CYANOCOBALAMIN

VITAMIN C

USE ASCORBIC ACID

VITAMIN D

USE CALCIFEROL

VITAMIN E

USE TOCOPHEROL

VITAMIN G

USE RIBOFLAVIN

VITAMIN K

USE PHYLLIOQUINONE

VITAMIN M

USE FOLIC ACID

VITAMIN P

USE BIOFLAVONOIDS

VITAMINS

GS VITAMINS
ASCORBIC ACID
BIOFLAVONOIDS
BIOTIN
CALCIFEROL
CARNITINE
CYANOCOBALAMIN
FOLIC ACID
NICOTINAMIDE
NICOTINIC ACID
PHYLLIOQUINONE
PYRIDOXINE
RETINENE
RIBOFLAVIN
THIAMINE
TOCOPHEROL
RT ASCORBIC ACID METABOLISM
DRUGS
∞ FOOD

NASA THESAURUS (VOLUME 1)

VITAMINS-(CONT.)

∞NUTRIENTS

VITON

GS COPOLYMERS
VITON
PLASTICS
VITON
RT FLUOROHYDROCARBONS

VITON RUBBER (TRADEMARK)

GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
VITON RUBBER (TRADEMARK)

VITREOUS MATERIALS

RT FRIT
GLASS
∞INORGANIC MATERIALS
∞MATERIALS
METALLIC GLASSES
PORCELAIN
VITRIFICATION

VITRIFICATION

RT CERAMICS
GLASS
PORCELAIN
SOLIDIFICATION
VITREOUS MATERIALS

VJ-101 AIRCRAFT

UF SUD VJ-101 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
VJ-101 AIRCRAFT
JET AIRCRAFT
VJ-101 AIRCRAFT
MONOPLANES
VJ-101 AIRCRAFT
SUD AVIATION AIRCRAFT
VJ-101 AIRCRAFT
SUPERSONIC AIRCRAFT
VJ-101 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
VJ-101 AIRCRAFT
RT ∞AIRCRAFT

VLASOV EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
VLASOV EQUATIONS
RT ∞EQUATIONS
STABILITY

VLBI

USE VERY LONG BASE INTERFEROMETRY

VLF EMISSION RECORDERS

RT ATMOSPHERIC RADIATION
ATMOSPHERICS
COSMIC RAYS
ELECTROMAGNETIC RADIATION
PLANETARY RADIATION
∞RECORDERS
RECORDING INSTRUMENTS

VLSI

USE VERY LARGE SCALE INTEGRATION

VOCAL CORDS

RT GLOTTIS
LARYNX

VOCODERS

RT BANDPASS FILTERS
COMPUTERS
DIGITAL TO VOICE TRANSLATORS
FREQUENCY MODULATION
MESSAGES
RADIO COMMUNICATION
SCRAMBLING (COMMUNICATION)
SIGNAL RECEPTION
SPEECH BASEBAND COMPRESSION
VOICE COMMUNICATION
VOICE DATA PROCESSING

VOICE

GS SOUND PROPAGATION
VOICE

VOICE-(CONT.)

RT AUDIO FREQUENCIES
SPEECH
TONGUE

VOICE COMMUNICATION

GS TELECOMMUNICATION
VOICE COMMUNICATION
TELEPHONY
VOICE DATA PROCESSING
RT ACOUSTICS
CONVERSATION
ECHO SUPPRESSORS
GROUND-AIR-GROUND COMMUNICATION
RADIO COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION
SCRAMBLING (COMMUNICATION)
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SPEECH
SPEECH BASEBAND COMPRESSION
VERBAL COMMUNICATION
VOCODERS
VOICE CONTROL
WIRELESS COMMUNICATION
WORDS (LANGUAGE)

VOICE CONTROL

SN (DEVICE OPERATION BY VOICE)
RT BIOENGINEERING
∞CONTROL
ROBOTICS
ROBOTS
SPEECH RECOGNITION
VOICE COMMUNICATION
VOICE DATA PROCESSING

VOICE DATA PROCESSING

GS DATA PROCESSING
VOICE DATA PROCESSING
TELECOMMUNICATION
VOICE COMMUNICATION
VOICE DATA PROCESSING
RT ARTIFICIAL INTELLIGENCE
∞DATA
DIGITAL TO VOICE TRANSLATORS
SIGNAL ENCODING
SINGLE CHANNEL PER CARRIER
TRANSMISSION
VERBAL COMMUNICATION
VOCODERS
VOICE CONTROL

VOICE OF AMERICA

RT BROADCASTING
RADIO TRANSMISSION

VOID RATIO

UF COMPACTNESS
GS RATIOS
RT ∞CONDUCTIVITY
DENSITY (MASS/VOLUME)
FREE FLOW
HOLE DISTRIBUTION (MECHANICS)
PACKING DENSITY
PERMEABILITY
POROSITY
REACTOR CORES
SURFACE PROPERTIES
VOIDS

VOIDS

RT BUOYANCY
CAVITIES
CRACK GEOMETRY
DEFECTS
INCLUSIONS
INFILTRATION
INTERSTICES
PERCOLATION
PERMEABILITY
POROSITY
VOID RATIO

VOIGT EFFECT

RT BIREFRINGENCE
∞EFFECTS
OPTICAL PATHS
REFRACTION
ZEEMAN EFFECT

VOLTAGE CONTROLLED OSCILLATORS

VOLATILITY

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
VOLATILITY
RT COAL GASIFICATION
EVAPORATION
FLASH POINT
PREVAPORIZATION
VAPOR PHASES
VAPOR PRESSURE
VAPORIZING

VOLATILIZATION

USE VAPORIZING

VOLCANICS

USE VOLCANOLOGY

VOLCANOES

UF ACTIVE VOLCANOES
GS GEOLOGY
VOLCANOES
MARS VOLCANOES
LANDFORMS
VOLCANOES
MARS VOLCANOES
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
LAVA
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

VOLCANOLOGY

UF VOLCANICS
GS GEOLOGY
VOLCANOLOGY
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
LAVA
MARS VOLCANOES
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOES

VOLT-AMPERE CHARACTERISTICS

RT CAPACITANCE-VOLTAGE
CHARACTERISTICS
∞CHARACTERISTICS
ELECTRIC CURRENT
ELECTRIC POTENTIAL
∞ELECTRONICS
LINEAR CIRCUITS
OHMS LAW
OPEN CIRCUIT VOLTAGE
OPTOGALVANIC SPECTROSCOPY
PROXIMITY EFFECT (ELECTRICITY)
QUANTUM EFFICIENCY
SHORT CIRCUIT CURRENTS
VOLTAGE AMPLIFIERS

VOLTAGE

USE ELECTRIC POTENTIAL

VOLTAGE AMPLIFIERS

GS AMPLIFIERS
VOLTAGE AMPLIFIERS
RT CURRENT AMPLIFIERS
FEEDBACK AMPLIFIERS
MAGNETIC AMPLIFIERS
PREAMPLIFIERS
VOLT-AMPERE CHARACTERISTICS

VOLTAGE BREAKDOWN

USE ELECTRICAL FAULTS

VOLTAGE CONTROLLED OSCILLATORS

UF VCO
GS OSCILLATORS
VOLTAGE CONTROLLED
OSCILLATORS
RT CIRCUITS

VOLTAGE CONVERTERS (AC TO AC)

VOLTAGE CONTROLLED OSCILLATORS-(CONT)

ELECTRIC CONTROL
ELECTRIC NETWORKS
FREQUENCY MODULATION
FREQUENCY STABILITY
MICROWAVE OSCILLATORS
VOLTAGE REGULATORS

VOLTAGE CONVERTERS (AC TO AC)

GS TRANSFORMERS
RT **VOLTAGE CONVERTERS (AC TO AC)**
ALTERNATING CURRENT
AUXILIARY POWER SOURCES
∞ CONVERTERS
∞ ELECTRIC EQUIPMENT
∞ ELECTRIC POWER
∞ POWER SUPPLIES

VOLTAGE CONVERTERS (DC TO DC)

RT AUXILIARY POWER SOURCES
∞ CONVERTERS
DIRECT CURRENT
ELECTRIC BATTERIES
∞ ELECTRIC EQUIPMENT
∞ ELECTRIC POWER
∞ POWER SUPPLIES
POWER SUPPLY CIRCUITS

VOLTAGE GENERATORS

GS **VOLTAGE GENERATORS**
PHOTOVOLTAIC CELLS
RT ARC GENERATORS
ELECTROSTATIC GENERATORS
FUNCTION GENERATORS
∞ GENERATORS
SIGNAL GENERATORS

VOLTAGE MEASUREMENT

USE ELECTRICAL MEASUREMENT

VOLTAGE REGULATORS

GS REGULATORS
RT **VOLTAGE REGULATORS**
AVALANCHE DIODES
CIRCUIT PROTECTION
CONTROLLERS
CURRENT REGULATORS
ELECTRIC SWITCHES
ELECTRONIC CONTROL
POWER FACTOR CONTROLLERS
POWER SUPPLY CIRCUITS
SWITCHING CIRCUITS
TRANSFORMERS
TRANSMISSION LOSS
VOLTAGE CONTROLLED OSCILLATORS

VOLTAGE VARIATION INDICATORS

USE VOLTMETERS

VOLTERRA EQUATIONS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
RT **VOLTERRA EQUATIONS**
∞ EQUATIONS
NONLINEARITY
∞ RADIATION

VOLTMETERS

UF VOLTAGE VARIATION INDICATORS
GS MEASURING INSTRUMENTS
RT **VOLTMETERS**
MILLIVOLTMETERS
AMMETERS
COULOMETERS
ELECTROMETERS
POTENTIOMETERS (INSTRUMENTS)

VOLUME

GS **VOLUME**
BODY VOLUME (BIOLOGY)
RT AREA
∞ CAPACITY
DIMENSIONS
FRUSTUMS
GEOMETRY
ISOCHORIC PROCESSES
RATES (PER TIME)
THICKNESS
VOLUMETRIC ANALYSIS
WEIGHT (MASS)

VOLUMETRIC ANALYSIS

GS CHEMICAL TESTS

VOLUMETRIC ANALYSIS-(CONT)

CHEMICAL ANALYSIS
RT **VOLUMETRIC ANALYSIS**
ANALYTICAL CHEMISTRY
GAS ANALYSIS
QUANTITATIVE ANALYSIS
VOLUME

VOLUMETRIC EFFICIENCY

RT ENERGY CONVERSION EFFICIENCY
ENGINE DESIGN
FUEL-AIR RATIO
LASER OUTPUTS

VOLUMETRIC STRAIN

GS FATIGUE (MATERIALS)
RT **VOLUMETRIC STRAIN**
DEFORMATION
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS

VOMITING

RT MOTION SICKNESS
NAUSEA

VON KARMAN EQUATION

GS FLOW EQUATIONS
RT **VON KARMAN EQUATION**
∞ EQUATIONS
FLOW STABILITY
KARMAN VORTEX STREET
VORTEX BREAKDOWN
VORTEX STREETS
VORTICITY EQUATIONS

VON MISES THEORY

USE STRESS FUNCTIONS

VON ZEIPER METHOD

RT EQUATIONS OF MOTION
HAMILTONIAN FUNCTIONS
∞ METHODOLOGY
PERTURBATION THEORY

VOODOO AIRCRAFT

USE F-101 AIRCRAFT

VOR SYSTEMS

USE VHF OMNIRANGE NAVIGATION

VORTEX ADVISORY SYSTEM

RT AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT WAKES
∞ SYSTEMS
TURBULENT WAKES
VORTEX ALLEVIATION

VORTEX ALLEVIATION

RT AIRCRAFT WAKES
DRAG DEVICES
GUST ALLEVIATORS
PROTUBERANCES
SPOILERS
VORTEX ADVISORY SYSTEM
VORTICES
WAKES
WINGLETS

VORTEX AVOIDANCE

GS AVOIDANCE
RT **VORTEX AVOIDANCE**
AERODYNAMIC STABILITY
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT LANDING
BUFFETING
GUSTS
ROTATION
SAFETY
TURBULENT FLOW
VORTICES
WINGLETS

VORTEX BREAKDOWN

RT FLOW STABILITY
TURBULENT FLOW
VON KARMAN EQUATION
VORTEX FLAPS

VORTEX COLUMNS

USE VORTICES

NASA THESAURUS (VOLUME 1)

VORTEX DISTURBANCES

USE VORTICES

VORTEX FILAMENTS

RT ∞ FILAMENTS
FLOW STABILITY
FLUID DYNAMICS
TURBULENCE
VORTICES

VORTEX FLAPS

GS AIRFOILS
FLAPS (CONTROL SURFACES)
WING FLAPS
RT **VORTEX FLAPS**
AERODYNAMIC DRAG
CONTROL SURFACES
JET FLAPS
LEADING EDGE FLAPS
LEADING EDGES
LIFT AUGMENTATION
SEPARATED FLOW
TRAILING EDGE FLAPS
TRAILING EDGES
VORTEX BREAKDOWN
VORTICES
WING LOADING

VORTEX FLOW

USE VORTICES

VORTEX GENERATION

USE VORTEX GENERATORS

VORTEX GENERATORS

UF VORTEX GENERATION
RT AIRFOIL FENCES
BOUNDARY LAYER CONTROL
BOUNDARY LAYER SEPARATION
∞ GENERATORS
HILSCH TUBES
INLET FLOW
VORTICES
WING SLOTS

VORTEX INJECTORS

GS INJECTORS
VORTEX INJECTORS

VORTEX PRECESSION

RT FLOW VELOCITY
FLOWMETERS
PRECESSION
VELOCITY MEASUREMENT
VORTICES

VORTEX RINGS

RT ∞ RINGS
TRAPPED VORTEXES
VORTICES

VORTEX SHEDDING

GS FLUID MECHANICS
FLUID DYNAMICS
VORTEX SHEDDING
RT SHEDDING
VORTICES

VORTEX SHEETS

RT AIRCRAFT DESIGN
FLOW DISTRIBUTION
ROTATING FLUIDS
∞ SHEETS
TURBULENT WAKES
VORTICES
VORTICITY

VORTEX STREETS

GS **VORTEX STREETS**
KARMAN VORTEX STREET
RT DISCONTINUITY
∞ SHEETS
TURBULENT WAKES
VON KARMAN EQUATION
VORTICES

VORTEX TRAPS

USE TRAPPED VORTEXES

VORTEX TUBES

USE HILSCH TUBES
VORTICES

NASA THESAURUS (VOLUME 1)

VORTICES

UF EDDIES
ROTATIONAL FLOW
VORTEX COLUMNS
VORTEX DISTURBANCES
VORTEX FLOW
VORTEX TUBES
GS **VORTICES**
TRAPPED VORTEXES
WING TIP VORTICES
RT ABRIKOSOV THEORY
AGITATION
CAVITATION FLOW
COUNTERFLOW
∞ DISTURBANCES
DIVERGENCE
FLOW DISTORTION
FLOW STABILITY
FLUID FLOW
GOERTLER INSTABILITY
HILSCH TUBES
KOLMOGOROFF THEORY
METEOROLOGICAL SOLENOIDS
MIXING
PLANETARY WAVES
RECIRCULATIVE FLUID FLOW
ROTATING FLUIDS
ROTATING LIQUIDS
ROTATION
SECONDARY FLOW
STROUHAL NUMBER
SUPERCONDUCTIVITY
SUPERFLUIDITY
THRUST DISTRIBUTION
TURBULENCE
TURBULENT FLOW
TURBULENT MIXING
VORTEX ALLEVIATION
VORTEX AVOIDANCE
VORTEX FILAMENTS
VORTEX FLAPS
VORTEX GENERATORS
VORTEX PRECESSION
VORTEX RINGS
VORTEX SHEDDING
VORTEX SHEETS
VORTEX STREETS
VORTICITY
WAKES

VORTICITY

UF ENSTROPY
GS ALGEBRA
VECTOR SPACES
VECTORS (MATHEMATICS)
VORTICITY
ANALYSIS (MATHEMATICS)
CALCULUS
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
REAL VARIABLES
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
GEOMETRY
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
RT ATMOSPHERIC CIRCULATION
BELTRAMI FLOW
CROCCO METHOD
FLOW STABILITY
HELMHOLTZ VORTICITY EQUATION
POTENTIAL FLOW
SECONDARY FLOW
TRAPPED VORTEXES
TURBULENCE
VORTEX SHEETS
VORTICES

VORTICITY EQUATIONS

GS FLOW EQUATIONS
VORTICITY EQUATIONS
RT ANALYSIS (MATHEMATICS)
∞ EQUATIONS
KARMAN VORTEX STREET
VON KARMAN EQUATION

VORTICITY TRANSPORT HYPOTHESIS

GS HYPOTHESES
VORTICITY TRANSPORT HYPOTHESIS
RT CONSERVATION EQUATIONS
EDDY CURRENTS
MIXING LENGTH FLOW THEORY

VORTICITY TRANSPORT HYPOTHESIS-(CONT)

TURBULENT FLOW

VOSKHOD MANNED SPACECRAFT

GS MANNED SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
RT SPACE CAPSULES

VOSKHOD 1 SPACECRAFT

GS MANNED SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT

VOSKHOD 2 SPACECRAFT

GS MANNED SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 2 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 2 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSKHOD 2 SPACECRAFT

VOSTOK SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
RT SPACE CAPSULES

VOSTOK 1 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT

VOSTOK 2 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 2 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 2 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 2 SPACECRAFT

VOYAGER 2 SPACECRAFT

VOSTOK 3 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 3 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 3 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 3 SPACECRAFT

VOSTOK 4 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 4 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 4 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 4 SPACECRAFT

VOSTOK 5 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 5 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 5 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 5 SPACECRAFT

VOSTOK 6 SPACECRAFT

GS MANNED SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 6 SPACECRAFT
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 6 SPACECRAFT
SOFT LANDING SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 6 SPACECRAFT

VOTING

RT GOVERNMENTS
LAW (JURISPRUDENCE)
MINORITIES
POLITICS
SOVEREIGNTY

VOWELS

RT CONSONANTS (SPEECH)
GRAMMARS
LANGUAGES
WORDS (LANGUAGE)

VOYAGER PROJECT

GS PROGRAMS
NASA PROGRAMS
VOYAGER PROJECT
NASA SPACE PROGRAMS
VOYAGER PROJECT
PROJECTS
VOYAGER PROJECT
RT MARS PROBES
SATURN PROJECT
SPACE PROBES
UNMANNED SPACECRAFT
VENUS PROBES

VOYAGER 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
VOYAGER 1 SPACECRAFT
UNMANNED SPACECRAFT
VOYAGER 1 SPACECRAFT
RT FLYBY MISSIONS
GRAND TOURS
JUPITER (PLANET)
JUPITER PROBES
JUPITER RINGS
SPACE PROBES
∞ SPACECRAFT

VOYAGER 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
VOYAGER 2 SPACECRAFT
UNMANNED SPACECRAFT
VOYAGER 2 SPACECRAFT
RT FLYBY MISSIONS
GRAND TOURS

VOYAGER 1977 MISSION

VOYAGER 2 SPACECRAFT-(CONT)

JUPITER (PLANET)
JUPITER PROBES
SPACE PROBES
∞ SPACECRAFT

VOYAGER 1977 MISSION

GS FLYBY MISSIONS
GRAND TOURS
VOYAGER 1977 MISSION
RT INTERPLANETARY SPACECRAFT
JUPITER (PLANET)
JUPITER PROBES
∞ MISSIONS
SOLAR SYSTEM
SPACE PROBES

VOYAGEUR HELICOPTER

USE CH-46 HELICOPTER

VTOL

USE VERTICAL LANDING
VERTICAL TAKEOFF

VTOL AIRCRAFT

USE VERTICAL TAKEOFF AIRCRAFT

VULCAN AIRCRAFT

UF AVRO 698 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
VULCAN AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
VULCAN AIRCRAFT
JET AIRCRAFT
VULCAN AIRCRAFT
TAILLESS AIRCRAFT
VULCAN AIRCRAFT
RT ∞ AIRCRAFT
AVRO 707 AIRCRAFT
HARRIER AIRCRAFT

VULCANIZATES

USE VULCANIZED ELASTOMERS

VULCANIZED ELASTOMERS

UF GUM VULCANIZATES
VULCANIZATES
GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
VULCANIZED ELASTOMERS
RT ADDITION RESINS
POLYETHER RESINS
THERMOPLASTIC RESINS
VULCANIZING

VULCANIZING

GS CROSSLINKING
VULCANIZING
RT CURING
VULCANIZED ELASTOMERS

VULNERABILITY

GS VULNERABILITY
NUCLEAR VULNERABILITY
RT AIRCRAFT RELIABILITY
AIRCRAFT SURVIVABILITY
AIRPORT SECURITY
DURABILITY
INTEGRITY
LIFE (DURABILITY)
OBSTACLE AVOIDANCE
PENETRATION
PIERCING
RELIABILITY
∞ RESISTANCE
SECURITY
SENSITIVITY
SPACECRAFT DEFENSE
SPACECRAFT SURVIVABILITY
STABILITY

VYCOR

GS FIBERS
SYNTHETIC FIBERS
VYCOR
GLASS
VYCOR
SEMICONDUCTORS (MATERIALS)
VYCOR
RT GLASS FIBERS
∞ MATERIALS
SILICON DIOXIDE

VZ-2 AIRCRAFT

GS BOEING AIRCRAFT
VZ-2 AIRCRAFT
RESEARCH AIRCRAFT
VZ-2 AIRCRAFT
TILT WING AIRCRAFT
VZ-2 AIRCRAFT
V/STOL AIRCRAFT
VZ-2 AIRCRAFT
RT ∞ AIRCRAFT

VZ-8 AIRCRAFT

UF AIRGEEP AIRCRAFT
GS LIGHT AIRCRAFT
VZ-8 AIRCRAFT
PIASECKI AIRCRAFT
VZ-8 AIRCRAFT
RESEARCH AIRCRAFT
VZ-8 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
VZ-8 AIRCRAFT
RT ∞ AIRCRAFT
FLYING PLATFORMS

VZ-10 AIRCRAFT

USE XV-4 AIRCRAFT

VZ-11 AIRCRAFT

USE XV-5 AIRCRAFT

VZ-12 AIRCRAFT

USE P-1127 AIRCRAFT

W

W WINGS

USE VARIABLE SWEEP WINGS

W-R STARS

USE WOLF-RAYET STARS

WABASH RIVER BASIN (IL-IN-OH)

GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
WABASH RIVER BASIN (IL-IN-OH)
RT ILLINOIS
INDIANA
OHIO
RIVERS

WADIS

GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
WADIS
RT ARID LANDS
DESERTIFICATION
RIVERS
STREAMS
TOPOGRAPHY
VALLEYS
WATER RUNOFF

WAFERS

RT MICROELECTRONICS
MICROMINIATURIZATION
MINIATURIZATION
PHOTOMASKS
SEMICONDUCTOR DEVICES
SOLID STATE DEVICES
THIN FILMS
VERTICAL JUNCTION SOLAR CELLS

WAGE SURVEYS

GS REPORTS
WAGE SURVEYS
SURVEYS
WAGE SURVEYS
RT COST ANALYSIS
COST ESTIMATES
COST REDUCTION
EMPLOYEE RELATIONS
FINANCE
PERSONNEL

WAKEFULNESS

RT ALERTNESS
SLEEP DEPRIVATION

NASA THESAURUS (VOLUME 1)

WAKES

GS WAKES
AIRCRAFT WAKES
HELICOPTER WAKES
SLIPSTREAMS
PROPELLER SLIPSTREAMS
HYPERSONIC WAKES
LAMINAR WAKES
NEAR WAKES
SUPERSONIC WAKES
TURBULENT WAKES
SLIPSTREAMS
PROPELLER SLIPSTREAMS
RT BACKWASH
BASE FLOW
BUBBLES
CAVITATION FLOW
CONTRAILS
DOWNWASH
∞ DRAFT
DRAG
GROUND EFFECT (AERODYNAMICS)
STROUHAL NUMBER
TURBULENCE
VORTEX ALLEVIATION
VORTICES

WALKING

GS LOCOMOTION
WALKING
RT PHYSICAL EXERCISE

WALKING MACHINES

GS SURFACE VEHICLES
WALKING MACHINES
RT ASTRONAUT MANEUVERING EQUIPMENT
LUNAR SURFACE VEHICLES
∞ MACHINERY
MANNED LUNAR SURFACE VEHICLES
PROSTHETIC DEVICES

WALL FLOW

GS FLUID FLOW
WALL FLOW
RT BOUNDARY LAYER FLOW
CHANNEL FLOW
CONICAL FLOW
DISCHARGE COEFFICIENT
DUCTED FLOW
GOERTLER INSTABILITY
HEAT TRANSMISSION
MANNING THEORY
TWO DIMENSIONAL FLOW
TWO DIMENSIONAL JETS

WALL JETS

RT FLUID AMPLIFIERS
JET BOUNDARIES
JET FLOW
JET VANES
∞ JETS

WALL PRESSURE

GS PRESSURE
WALL PRESSURE
RT BOUNDARY LAYERS
PRESSURE DISTRIBUTION
PRESSURE VESSELS
THICK WALLS

WALL TEMPERATURE

GS SURFACE PROPERTIES
SURFACE TEMPERATURE
WALL TEMPERATURE
TEMPERATURE
SURFACE TEMPERATURE
WALL TEMPERATURE
RT OPERATING TEMPERATURE
THICK WALLS

WALLOPS ISLAND

GS LANDFORMS
ISLANDS
WALLOPS ISLAND
RT ATLANTIC OCEAN
VIRGINIA

WALLS

UF COLD WALLS
GS WALLS
BULKHEADS
NOZZLE WALLS
POROUS WALLS
THICK WALLS
THIN WALLS

NASA THESAURUS (VOLUME 1)

WASTE DISPOSAL

WALLS-(CONT)

TROMBE WALLS
WIND TUNNEL WALLS
RT ∞ BARRIERS
∞ BUILDINGS
CURTAINS
ENCLOSURES
FLOORS
GATES (OPENINGS)
HOUSINGS
LIMITERS (FUSION REACTORS)
PANELS
PARTITIONS (STRUCTURES)
SANDWICH STRUCTURES
SHEATHS
SHELLS (STRUCTURAL FORMS)
SIDES
STUDS (STRUCTURAL MEMBERS)
SUBSTRUCTURES
TILES

WALSH FUNCTION

GS FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
RT FAST FOURIER TRANSFORMATIONS
FOURIER TRANSFORMATION
FUNCTIONAL ANALYSIS
MATRICES (MATHEMATICS)

WANKEL ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
ROTARY ENGINES
WANKEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
PISTON ENGINES

WAR GAMES

RT DIGITAL SIMULATION
GAME THEORY
MATHEMATICAL MODELS
OPERATIONS RESEARCH
SIMULATION

WARFARE

GS WARFARE
ANTISHIP WARFARE
ANTISUBMARINE WARFARE
CHEMICAL WARFARE
COMBAT
ELECTRONIC WARFARE
NUCLEAR WARFARE
RT ATTACKING (ASSAULTING)
B-1 AIRCRAFT
CHEMICAL DEFENSE
EVASIVE ACTIONS
INFILTRATION
INTERNATIONAL LAW
ORDNANCE
PEACETIME
POLITICS
STRATEGY
VIOLENCE

WARHEADS

GS WEAPONS
WARHEADS
NUCLEAR WARHEADS
PRECISION GUIDED PROJECTILES
RT AMMUNITION
ANTISHIP WARFARE
BOMBS (ORDNANCE)
EXPLOSIVE DEVICES
EXPLOSIVES
∞ FUSES
FUSES (ORDNANCE)
MISSILE COMPONENTS
MISSILES
NOSE CONES
NUCLEAR DEVICES
NUCLEAR WEAPONS
PAYLOADS
PROJECTILES
∞ ROCKETS
SHAPED CHARGES
TORPEDOES

WARM FRONTS

GS FRONTS (METEOROLOGY)
WARM FRONTS
RT AIR MASSES
COLD FRONTS
∞ FRONTS

WARM FRONTS-(CONT)

METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES
WEATHER FORECASTING

WARMING

USE HEATING

WARNING

RT ACCIDENT PREVENTION
AUDITORY SIGNALS
BELLS
CIVIL DEFENSE
COLLISION AVOIDANCE
DETECTION
∞ DETECTORS
EARLY WARNING SYSTEMS
FIRE PREVENTION
HORNS
MINE DETECTORS
MONITORS
PROTECTION
SAFETY
SAFETY DEVICES

WARNING DEVICES

USE WARNING SYSTEMS

WARNING SIGNALS

USE WARNING SYSTEMS

WARNING STAR AIRCRAFT

USE EC-121 AIRCRAFT

WARNING SYSTEMS

UF ALARMS
COLLISION WARNING DEVICES
WARNING DEVICES
WARNING SIGNALS
GS WARNING SYSTEMS
EARLY WARNING SYSTEMS
BALLISTIC MISSILE EARLY WARNING
SYSTEM
MINE DETECTORS
RT ACCIDENT PREVENTION
AUDITORY SIGNALS
AVOIDANCE
BELLS
CIVIL DEFENSE
COLLISION AVOIDANCE
DETECTION
∞ DETECTORS
DISPLAY DEVICES
EXPLOSIONS
FIRE PREVENTION
FIRES
GAS DETECTORS
HAZARDS
HEAD-UP DISPLAYS
HORNS
MONITORS
NATIONAL SEVERE STORMS PROJECT
POLLUTION MONITORING
PROTECTION
PUBLIC ADDRESS SYSTEMS
SAFETY
SAFETY DEVICES
SAFETY MANAGEMENT
SANITATION
SIRENS
SOUND GENERATORS
∞ SYSTEMS
THREAT EVALUATION

WARPAGE

RT BENDING
BUCKLING
CAMBER
DAMAGE
DEFORMATION
DISTORTION
GROWTH
HEAVING
PLASTIC DEFORMATION
SHRINKAGE
STRUCTURAL STRAIN
SURFACE DISTORTION
THERMAL EXPANSION
TWISTING

WASHERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT WASHERS (CLEANERS)
WASHERS (SPACERS)

WASHERS (CLEANERS)

RT CLEANERS
CONCENTRATORS
EXTRACTION
SEPARATORS
∞ WASHERS
WASHING

WASHERS (SPACERS)

GS FASTENERS
WASHERS (SPACERS)
RT INSERTS
SEPARATORS
SPACERS
∞ WASHERS

WASHING

UF SCRUBBING
GS WASHING
HOUSEKEEPING (SPACECRAFT)
RT BATHING
BENEFICIATION
CLEANING
DECONTAMINATION
DISSOLVING
DISTILLATION
ELUTION
FLUSHING
PURIFICATION
SCRUBBERS
∞ SEPARATION
WASHERS (CLEANERS)
WASTE WATER

WASHINGTON

GS NATIONS
UNITED STATES
WASHINGTON
RT CASCADE RANGE (CA-OR-WA)
COLUMBIA RIVER BASIN (ID-OR-WA)

WASHOUT (RADIOACTIVITY)

USE FALLOUT

WASP SOUNDING ROCKET

UF HIGH ALTITUDE SOUNDING PROJECTILE
WINDOW ATMOSPHERE SOUNDING
PROJECTILE
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
WASP SOUNDING ROCKET
SOUNDING ROCKETS
WASP SOUNDING ROCKET
RT LOKI ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES

WASPALLOY

GS ALLOYS
HEAT RESISTANT ALLOYS
WASPALLOY
NICKEL ALLOYS
WASPALLOY
RT CHROMIUM ALLOYS
COBALT ALLOYS
WROUGHT ALLOYS

WASTE DISPOSAL

GS DISPOSAL
WASTE DISPOSAL
COMPOSTING
HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
RT AIR POLLUTION
DEEP WELL INJECTION (WASTES)
DEWATERING
DILUTION
DISSIPATION
DRAINAGE
EFFLUENTS
ELIMINATION
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL SURVEYS
EXHAUST GASES
EXHAUST SYSTEMS

WASTE ENERGY UTILIZATION

WASTE DISPOSAL-(CONT)

GARBAGE
HUMAN WASTES
INCINERATORS
INDUSTRIAL WASTES
LANDFILLS
MANURES
MATERIALS HANDLING
METABOLIC WASTES
MINES (EXCAVATIONS)
MODULAR INTEGRATED UTILITY SYSTEM
PIPELINES
PLASMA CORE REACTORS
POLLUTION
PONDS
RADIOACTIVE WASTES
SANITATION
SEWAGE
SEWAGE TREATMENT
SEWERS
SOLID WASTES
SPACE FLIGHT FEEDING
∞ STORAGE
SUMPS
UTILITIES
WASTES
WATER POLLUTION

WASTE ENERGY UTILIZATION

GS UTILIZATION
RT WASTE ENERGY UTILIZATION
BOILERS
BURNERS
CHIMNEYS
COGENERATION
ENERGY CONVERSION
EXHAUST GASES
FURNACES
HEAT TRANSFER
HEATING
INCINERATORS
LIGHTING EQUIPMENT
OVENS
SOLID WASTES
SPACE HEATING (BUILDINGS)
WASTE HEAT
WASTES

WASTE HEAT

RT ENERGY TECHNOLOGY
HEAT EXCHANGERS
HEAT PUMPS
WASTE ENERGY UTILIZATION

WASTE TREATMENT

GS WASTE TREATMENT
SEWAGE TREATMENT
RT BACTERIA
COMPOSTING
GARBAGE
RESIDUES
SLUDGE
∞ TREATMENT
WASTES

WASTE UTILIZATION

GS UTILIZATION
RT WASTE UTILIZATION
BIOMASS ENERGY PRODUCTION
COMPOSTING
HYDROCARBON FUEL PRODUCTION
INDUSTRIAL WASTES
LANDFILLS
MANURES
SOLID WASTES
WASTES

WASTE WATER

GS WASTES
LIQUID WASTES
WASTE WATER
WATER
RT WASTE WATER
BATHING
CLEANING
FLUSHING
INDUSTRIAL WASTES
RESIDUES
WASHING
WATER COOLED REACTORS

WASTES

GS WASTES
FECES
GARBAGE

WASTES-(CONT)

INDUSTRIAL WASTES
LIQUID WASTES
URINE
WASTE WATER
MANURES
METABOLIC WASTES
HUMAN WASTES
URINE
RADIOACTIVE WASTES
SEWAGE
SOLID WASTES
RT ACTIVATED SLUDGE
AIR POLLUTION
BENEFICIATION
BY-PRODUCTS
COMBUSTION PRODUCTS
CONTAMINANTS
DEBRIS
EFFLUENTS
ENVIRONMENT EFFECTS
EXHAUST GASES
FOREST FIRES
FUMES
GAS RECOVERY
IMPURITIES
LEAKAGE
LOSSES
NONPOINT SOURCES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
RESIDUES
SCRAP
SEWERS
SLAGS
SLUDGE
WASTE DISPOSAL
WASTE ENERGY UTILIZATION
WASTE TREATMENT
WASTE UTILIZATION

WATCHES

USE CLOCKS

WATER

GS WATER
COLD WATER
FRESH WATER
GREAT SALT LAKE (UT)
HEAVY WATER
INLAND WATERS
GROUND WATER
LIGHT WATER
NEARSHORE WATER
COASTAL WATER
POLYWATER
POTABLE WATER
SEA WATER
SHALLOW WATER
SHOALS
SPRINGS (WATER)
SURFACE WATER
VADOSE WATER
WASTE WATER
RT AQUIFERS
ARROYOS
BAY ICE
BODY FLUIDS
CAVITATION FLOW
FIORDS
HUMIDITY
HYDRATES
∞ HYDRAULICS
HYDRODYNAMICS
HYDROGEN COMPOUNDS
HYDROLOGY
HYDROMECHANICS
HYDROSTATICS
ICE
ISTHMUSES
LAKE ERIE
LAKE HURON
LAKE ICE
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LATERITES
LIFE SUPPORT SYSTEMS
LIMNOLOGY
LIQUIDS
MODERATORS
MOISTURE
MOISTURE CONTENT
MUSKEGS
OXIDES

NASA THESAURUS (VOLUME 1)

WATER-(CONT)

PENINSULAS
POLLUTION
PRECIPITATION (METEOROLOGY)
RUNWAY CONDITIONS
SLUSH
SOUNDS (TOPOGRAPHIC FEATURES)
STEAM
STRAITS
UTILITIES
WATERSHEDS
WHARVES
WINDPOWERED PUMPS

WATER BALANCE

GS MATERIAL BALANCE
WATER BALANCE
RT BODY FLUIDS
EDEMA
∞ EQUILIBRIUM
HOMEOSTASIS
HYDROMETEOROLOGY
LYSIMETERS
OSMOSIS
URINATION

WATER CIRCULATION

GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
COASTAL CURRENTS
EL NINO
GULF STREAM
LOMONOSOV CURRENT
RT LAKES
OCEANOGRAPHY
POLLUTION TRANSPORT
WIND EFFECTS

WATER COLOR

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
COLOR
RT LAKES
OCEAN COLOR SCANNER
OCEANS
RIVERS

WATER CONSUMPTION

GS CONSUMPTION
WATER CONSUMPTION
RT DROUGHT
IRRIGATION
SEEPAGE

WATER CONTENT

USE MOISTURE CONTENT

WATER COOLED REACTORS

UF PHYSICAL CONSTANTS TESTING
REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
HALDEN BOILING WATER
REACTOR
LOS ALAMOS WATER BOILER
REACTOR
PATHFINDER NUCLEAR REACTOR
SPERT REACTORS
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS
TEST REACTORS
PLUTONIUM RECYCLE TEST
REACTOR
ZERO POWER REACTOR 2
LIGHT WATER REACTORS
NRX REACTORS
PLUM BROOK REACTOR
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL
REACTOR
SWIMMING POOL REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 2
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 9
RT CHEMICAL REACTORS

WATER COOLED REACTORS-(CONT)
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 ∞ REACTORS
 WASTE WATER

WATER COOLING
 USE LIQUID COOLING

WATER CURRENTS
 UF CURRENTS (OCEANOGRAPHY)
 GS CIRCULATION
 WATER CIRCULATION
WATER CURRENTS
 OCEAN CURRENTS
 COASTAL CURRENTS
 EL NINO
 GULF STREAM
 LOMONOSOV CURRENT
 RT ARROYOS
 ∞ CURRENTS
 OCEANOGRAPHY
 RAPIDS
 SEA ROUGHNESS
 SEA STATES
 SURFACE WAVES
 TIDES
 UPSTREAM

WATER DEPRIVATION
 GS DEPRIVATION
WATER DEPRIVATION

WATER DEPTH
 RT CNOIDAL WAVES
 COASTAL WATER
 LAKES
 NEARSHORE WATER
 OCEANS
 SHALLOW WATER
 SHOALS

WATER EROSION
 GS EROSION
WATER EROSION
 RT ARROYOS
 CANYONS
 DRAINAGE PATTERNS
 FLOOD DAMAGE
 RAIN IMPACT DAMAGE
 RAVINES
 SOIL EROSION
 WIND EROSION

WATER FLOW
 GS FLUID FLOW
 LIQUID FLOW
WATER FLOW
 RT ALLUVIUM
 CANALS
 DRAINAGE
 DRAINAGE PATTERNS
 FLOOD DAMAGE
 FLOODS
 FLOW MEASUREMENT
 GREAT LAKES (NORTH AMERICA)
 GROUND WATER
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROLOGY MODELS
 OPEN CHANNEL FLOW
 PIPE FLOW
 RAPIDS
 WATERSHEDS

WATER HAMMER
 RT HYDRAULIC EQUIPMENT
 HYDRODYNAMICS
 PIPE FLOW
 PIPELINES
 RAMS (PUMPS)
 SURGES
 VALVES

WATER HEATING
 GS HEATING
WATER HEATING
 RT DOMESTIC ENERGY
 GEOTHERMAL ENERGY EXTRACTION
 HEAT EXCHANGERS
 ∞ HEATERS
 HEATING EQUIPMENT
 RESIDENTIAL ENERGY
 TEMPERATURE CONTROL

WATER IMMERSION
 RT BATHS
 LIQUID COOLING
 QUENCHING (COOLING)
 SINKING
 ∞ SOAKING
 SUBMERGED BODIES
 SUBMERGING
 UNDERWATER TESTS

WATER INJECTION
 GS INJECTION
 FLUID INJECTION
 LIQUID INJECTION
WATER INJECTION
 RT GAS INJECTION
 PERFORATING
 THRUST AUGMENTATION

∞ **WATER INTAKES**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR INTAKES
 INTAKE SYSTEMS
 MANIFOLDS
 NOSE INLETS
 PLENUM CHAMBERS
 SCOOPS
 SIDE INLETS

WATER JETS
 USE HYDRAULIC JETS

WATER LANDING
 GS LANDING
WATER LANDING
 RT DITCHING (LANDING)
 AIRCRAFT LANDING
 CRASH LANDING
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 HYDROPLANING
 PLANETARY LANDING
 SOFT LANDING
 SPACECRAFT LANDING
 SPACECRAFT RECOVERY
 SPLASHING
 TOUCHDOWN

WATER LOSS
 RT DEHYDRATION
 DRYING
 EVAPORATION
 LOSSES

WATER MANAGEMENT
 GS MANAGEMENT
WATER MANAGEMENT
 RT CONSERVATION
 DROUGHT
 ENVIRONMENT MANAGEMENT
 FLOODS
 HYDROLOGY
 LAKE ERIE
 LAKE HURON
 LAKE MICHIGAN
 LAKE ONTARIO
 LAKE SUPERIOR
 LIMNOLOGY
 POTABLE WATER
 PYRAMID LAKE (NV)
 WATERSHEDS

WATER MASERS
 GS DECAY
 EMISSION
 STIMULATED EMISSION
WATER MASERS
 STIMULATED EMISSION DEVICES
 MASERS
WATER MASERS
 RT GAS LASERS
 GAS MASERS
 INTERSTELLAR MASERS
 MASER OUTPUTS

WATER MODERATED REACTORS
 GS NUCLEAR REACTORS
WATER MODERATED REACTORS
 EXPERIMENTAL BOILING WATER
 REACTORS
 HEAVY WATER COMPONENTS TEST
 REACTORS

WATER MODERATED REACTORS-(CONT)
 PLUTONIUM RECYCLE TEST
 REACTOR
 RT LIGHT WATER REACTORS

WATER POLLUTION
 GS POLLUTION
 ENVIRONMENT POLLUTION
WATER POLLUTION
 OIL POLLUTION
 RT ALGAE
 ALKALINITY
 BIOCHEMICAL OXYGEN DEMAND
 CLEAN ENERGY
 CONTAMINATION
 DROUGHT
 ENVIRONMENT EFFECTS
 ENVIRONMENT PROTECTION
 ENVIRONMENTAL CHEMISTRY
 ENVIRONMENTAL QUALITY
 ENVIRONMENTAL SURVEYS
 INLAND WATERS
 LANDFILLS
 LIMNOLOGY
 LYSIMETERS
 MARINE RESOURCES
 OIL SLICKS
 POLLUTION MONITORING
 POLLUTION TRANSPORT
 PURITY
 THERMAL POLLUTION
 WASTE DISPOSAL

WATER PRESSURE
 GS PRESSURE
 FLUID PRESSURE
WATER PRESSURE
 RT ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROSTATIC PRESSURE
 HYDROSTATICS
 INLET PRESSURE
 PIPE FLOW

WATER PURIFICATION
 USE WATER TREATMENT

WATER QUALITY
 GS QUALITY
 ENVIRONMENTAL QUALITY
WATER QUALITY
 RT ALKALINITY
 ENVIRONMENT EFFECTS

WATER RECLAMATION
 UF WATER RECOVERY
 GS RECLAMATION
 MATERIALS RECOVERY
WATER RECLAMATION
 RT CONSERVATION
 DEWATERING
 DROUGHT
 POLLUTION

WATER RECOVERY
 USE WATER RECLAMATION

WATER RESOURCES
 GS RESOURCES
 EARTH RESOURCES
WATER RESOURCES
 RT ENVIRONMENT EFFECTS
 ENVIRONMENT MANAGEMENT
 GREAT LAKES (NORTH AMERICA)
 GROUND WATER
 HYDROLOGY
 INLAND WATERS
 INTERNATIONAL HYDROLOGICAL
 DECADE
 LAKES
 LIMNOLOGY
 OCEANS
 PONDS
 POTABLE WATER
 PRECIPITATION (METEOROLOGY)
 PYRAMID LAKE (NV)
 RAINMAKING
 RESERVOIRS
 SEA WATER
 UNDERWATER RESOURCES
 WETLANDS
 WINDPOWERED PUMPS

WATER RUNOFF
 RT DRAINAGE

WATER TABLES

WATER RUNOFF-(CONT)

GROUND WATER
INLAND WATERS
RESOURCES MANAGEMENT
RIVERS
WADIS

WATER TABLES

RT AQUIFERS
DRAINAGE
GROUND WATER
POTABLE WATER
SPRINGS (WATER)
VADOSE WATER
WATERSHEDS

WATER TAKEOFF AND LANDING AIRCRAFT

GS WATER TAKEOFF AND LANDING
AIRCRAFT
SEAPLANES
RT ∞ AIRCRAFT
AMPHIBIOUS AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
COMMERCIAL AIRCRAFT
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT
MACHINES
LIGHT AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER
SEA LAUNCHING
SUBMERSIBLE AIRCRAFT
∞ SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT

WATER TEMPERATURE

GS TEMPERATURE
WATER TEMPERATURE
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE
RT SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
THERMAL POLLUTION

WATER TREATMENT

UF WATER PURIFICATION
RT ACTIVATED CARBON
ADSORPTION
AERATION
AGITATION
BENTONITE
BIOCHEMICAL OXYGEN DEMAND
CHLORINATION
COAGULATION
CONTAMINANTS
CORROSION PREVENTION
DEMINERALIZING
DESALINIZATION
FILTRATION
FLOCCULATING
FLOTATION
ION EXCHANGING
MATERIAL ABSORPTION
POLLUTION
POTABLE WATER
PURIFICATION
∞ SCREENING
SETTLING
SEWAGE
∞ TREATMENT

WATER TUNNEL TESTS

RT AIR WATER INTERACTIONS
CROSS FLOW
FLOW DISTRIBUTION
FLOW VISUALIZATION
STRAKES
∞ TESTS
WATER WAVES
WIND TUNNEL TESTS

WATER TUNNELS

USE HYDRAULIC TEST TUNNELS

WATER VAPOR

GS VAPORS
WATER VAPOR
RT ATMOSPHERIC MOISTURE
DEW
HUMIDITY
MOISTURE
MOISTURE CONTENT

WATER VAPOR-(CONT)

STEAM

WATER VEHICLES

GS WATER VEHICLES
BOATS
LIFEBOATS
CAPTURED AIR BUBBLE VEHICLES
SHIPS
ADVANCED RANGE
INSTRUMENTATION SHIP
AIRCRAFT CARRIERS
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
SATELLITE COMMUNICATIONS SHIPS
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
SURFACE EFFECT SHIPS
SWATH (SHIP)
UNDERWATER VEHICLES
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
UNDERWATER RESEARCH
LABORATORIES
RT AMPHIBIOUS VEHICLES
HARBORS
MARINE TRANSPORTATION
∞ MILITARY VEHICLES
RESEARCH VEHICLES
SHIPYARDS
SURFACE VEHICLES
∞ VEHICLES

WATER WAVES

GS WATER WAVES
TIDAL WAVES
RT BREAKWATERS
CAPILLARY WAVES
CNOIDAL WAVES
ELASTOHYDRODYNAMICS
FRONTAL WAVES
GRAVITY WAVES
HYDRODYNAMIC COEFFICIENTS
LITTORAL TRANSPORT
OCEAN DYNAMICS
RIPPLES
SEA ROUGHNESS
SEA STATES
SURFACE WAVES
TSUNAMI WAVES
WATER TUNNEL TESTS
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES
∞ WAVES

WATER WHEELS

GS WHEELS
WATER WHEELS
RT HYDROELECTRIC POWER STATIONS
TURBINE WHEELS

WATERFOWL

GS ANIMALS
VERTEBRATES
BIRDS
WATERFOWL
RT BEACHES
COASTAL ECOLOGY
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARSHLANDS
MIGRATION
OCEANOGRAPHY
WETLANDS

WATERPROOFING

RT BARRIER LAYERS
CAULKING
COATINGS
INSULATION
MOISTURE RESISTANCE
PROTECTIVE COATINGS
SEALING
WEATHERPROOFING

WATERSHEDS

UF CATCHMENT AREAS

NASA THESAURUS (VOLUME 1)

WATERSHEDS-(CONT)

GS LANDFORMS
STRUCTURAL BASINS
WATERSHEDS
RT DIVIDES (LANDFORMS)
DRAINAGE PATTERNS
FLOOD CONTROL
FLOODS
HYDROGEOLOGY
HYDROLOGY
INTERNATIONAL HYDROLOGICAL
DECADE
MISSOURI RIVER BASIN (US)
MOUNTAINS
PONDS
PRECIPITATION (METEOROLOGY)
RAIN
RIVER BASINS
RIVERS
STORMS (METEOROLOGY)
VALLEYS
WATER
WATER FLOW
WATER MANAGEMENT
WATER TABLES

WATERWAVE ENERGY

RT CLEAN ENERGY
EARTH RESOURCES
∞ ENERGY
OCEANOGRAPHY
TIDEPOWER
WATER WAVES
∞ WAVES

WATERWAVE ENERGY CONVERSION

GS ENERGY CONVERSION
WATERWAVE ENERGY CONVERSION
RT ∞ CONVERSION
EARTH RESOURCES
ENERGY CONVERSION EFFICIENCY
∞ ENERGY SOURCES
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
OCEANS
SEA ROUGHNESS
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
WATER WAVES

WATERWAVE POWERED MACHINES

RT ∞ MACHINERY
OCEAN CURRENTS
OCEAN SURFACE
SEA ROUGHNESS
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
WATER WAVES

WATERWAYS

GS WATERWAYS
CANALS
HARBORS
ARTIFICIAL HARBORS
RT LAKES
RIVERS
STRAITS

WATTMETERS

GS MEASURING INSTRUMENTS
WATTMETERS
RT ELECTRICAL MEASUREMENT
ELECTROMETERS

WAVE AMPLIFICATION

GS AMPLIFICATION
WAVE AMPLIFICATION
RT BAROCLINIC WAVES
ELECTROMAGNETIC RADIATION
∞ WAVES

WAVE ATTENUATION

GS ATTENUATION
WAVE ATTENUATION
RADAR ATTENUATION
RADIO ATTENUATION
MANDELSTAM REPRESENTATION
SHOCK WAVE ATTENUATION
RT ATMOSPHERIC ATTENUATION
ELECTROMAGNETIC ABSORPTION

WAVE ATTENUATION-(CONT)

INFRARED ABSORPTION
RADAR TRANSMISSION
RADIO TRANSMISSION
SHOCK WAVE PROPAGATION

WAVE DEGRADATION

GS DEGRADATION
 WAVE DEGRADATION
RT ATTENUATION
 SCATTERING
 SHOCK WAVE INTERACTION
 STERILIZATION EFFECTS

WAVE DIFFRACTION

GS DIFFRACTION
 WAVE DIFFRACTION
RT ATTENUATION
 CROSSTALK
 FRESNEL INTEGRALS
 GEOMETRICAL THEORY OF
 DIFFRACTION
∞ INTERFERENCE
 TRAVELING WAVE MODULATION

WAVE DISPERSION

RT ACOUSTIC PROPERTIES
 ATMOSPHERIC REFRACTION
 ATTENUATION
∞ COHERENCE
 COLOR
 DEFLECTION
 DIFFRACTION
∞ DISPERSION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 FADING
 LIGHT TRANSMISSION
 OPTICAL PATHS
 OPTICAL PROPERTIES
 RADIATION DISTRIBUTION
 RADIO WAVE REFRACTION
 REFRACTION
 SCATTERING
 SOUND-SOUND INTERACTIONS
 TRANSMISSION
 TRANSMISSION LOSS

WAVE DRAG

GS DYNAMIC CHARACTERISTICS
 DRAG
 PRESSURE DRAG
 WAVE DRAG
 INTERFERENCE DRAG
RT FRICTION DRAG
 SUPERSONIC DRAG

WAVE EQUATIONS

SN (NOT EQUATIONS OF MOTION)
GS **WAVE EQUATIONS**
 DIRAC EQUATION
 EIKONAL EQUATION
 KLEIN-GORDON EQUATION
 KORTEWEG-DEVRIES EQUATION
 LAME WAVE EQUATIONS
 SCHRÖDINGER EQUATION
RT BOLTZMANN-VLASOV EQUATION
 DENSITY WAVE MODEL
∞ EQUATIONS
 FORBIDDEN BANDS
∞ HELMHOLTZ EQUATIONS
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 QUANTUM THEORY

WAVE EXCITATION

GS EXCITATION
 WAVE EXCITATION
 ACOUSTIC EXCITATION
 HARMONIC EXCITATION
RT STROKING TESTS
∞ WAVES

WAVE FRONT DEFORMATION

GS DEFORMATION
 WAVE FRONT DEFORMATION
RT ∞ INTERFERENCE

WAVE FRONT RECONSTRUCTION

GS RECONSTRUCTION
 WAVE FRONT RECONSTRUCTION
RT ACOUSTICAL HOLOGRAPHY
 DIFFRACTOMETERS
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHIC SPECTROSCOPY

WAVE FRONT RECONSTRUCTION-(CONT)

HOLOGRAPHY
MICROWAVE HOLOGRAPHY
PHOTOGRAPHY
WHITE LIGHT HOLOGRAPHY

WAVE FRONTS

GS **WAVE FRONTS**
 SHOCK FRONTS
RT CAUSTIC LINES
 EIKONAL EQUATION
∞ FRONTS
 HUYGENS PRINCIPLE
 PHASE COHERENCE
 PHASE VELOCITY
 SHOCK DISCONTINUITY
∞ WAVES

WAVE FUNCTIONS

GS **WAVE FUNCTIONS**
 MOLECULAR ORBITALS
 PAULI EXCLUSION PRINCIPLE
RT FORBIDDEN TRANSITIONS
 HARTREE APPROXIMATION
 PERTURBATION THEORY
 SQUARE WAVES
 TIME FUNCTIONS

WAVE GENERATION

RT ELECTROMAGNETIC RADIATION
 FUNCTION GENERATORS
∞ GENERATORS
 HARMONIC GENERATIONS
 SHOCK WAVE GENERATORS

WAVE INCIDENCE CONTROL

RT ∞ CONTROL
 INCIDENT RADIATION

WAVE INTERACTION

GS **WAVE INTERACTION**
 SHOCK WAVE INTERACTION
RT COUPLING
 DAMPING
 ELECTROACOUSTIC WAVES
 ELECTROMAGNETIC INTERACTIONS
∞ INTERACTIONS
 INTERMODULATION
 MODULATION
 ORTHOGONAL MULTIPLEXING THEORY
 PLASMA INTERACTIONS
 PROPAGATION MODES
 SCATTERING
 SHOCK WAVE LUMINESCENCE
 SHOCK WAVE PROFILES
 SHOCK WAVE PROPAGATION

WAVE MOTION

USE WAVES

WAVE OSCILLATORS

USE OSCILLATORS

WAVE PACKETS

RT LONGITUDINAL WAVES
 PACKETS (COMMUNICATION)
 PLASMA WAVES
 QUANTUM MECHANICS
 TRANSVERSE WAVES

WAVE PROPAGATION

UF KIRCHHOFF-HUYGENS PRINCIPLE
GS TRANSMISSION
 WAVE PROPAGATION
 DIFFRACTION PROPAGATION
 GROUND WAVE PROPAGATION
 IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 LIGHT SCATTERING
 HALOS
 SCATTER PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 SHOCK WAVE PROPAGATION
 TRANSEQUATORIAL PROPAGATION
RT ACOUSTIC ATTENUATION
 ACOUSTIC MICROSCOPES
 ATMOSPHERIC ATTENUATION
 ATTENUATION
 AUTOMATIC PICTURE TRANSMISSION
 BEAM WAVEGUIDES
∞ COHERENCE
 COHERENT RADIATION

WAVE PROPAGATION-(CONT)

∞ CONDUCTION
 DIFFRACTION
 DOUBLE SIDEBAND TRANSMISSION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 GEOMETRICAL ACOUSTICS
 GROUP VELOCITY
 HUYGENS PRINCIPLE
 HYDRAULIC ANALOGIES
 ION ACOUSTIC WAVES
 LAME WAVE EQUATIONS
 LIGHT TRANSMISSION
 LOSSY MEDIA
 MICROWAVE ATTENUATION
 MICROWAVE TRANSMISSION
 MULTIPATH TRANSMISSION
 NONADIABATIC THEORY
 PHASE VELOCITY
 PLASMA ACCELERATION
 PLASMA GUIDES
∞ PROPAGATION
 PROPAGATION MODES
 PROPAGATION VELOCITY
 PULSE DIFFRACTION
 RADAR ATTENUATION
 RADAR TRANSMISSION
 RADIO ATTENUATION
 RADIO TRANSMISSION
 REFRACTION
 SAGNAC EFFECT
 SCREEN EFFECT
 SHOCK FRONTS
 SHOCK WAVE ATTENUATION
 SHORT WAVE RADIO TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SOUND TRANSMISSION
 SQUARE WAVES
 STRESS WAVES
 TELEVISION TRANSMISSION
 WAVEFORMS
 WHITHAM RULE

WAVE RADIATION

USE ELECTROMAGNETIC RADIATION

WAVE REFLECTION

GS REFLECTION
 WAVE REFLECTION
 MACH REFLECTION
RT GROUND EFFECT (COMMUNICATIONS)
 REFLECTED WAVES
 SIGNAL REFLECTION
 SPREAD REFLECTION

WAVE RESISTANCE

RT BLAST LOADS
 EROSION
 IMPACT STRENGTH
∞ RESISTANCE
 STRUCTURAL STABILITY

WAVE SCATTERING

GS SCATTERING
 WAVE SCATTERING
 ACOUSTIC SCATTERING
 REVERBERATION
 ATMOSPHERIC SCATTERING
 TROPOSPHERIC SCATTERING
 ELECTROMAGNETIC SCATTERING
 IONOSPHERIC F-SCATTER
 PROPAGATION
 LIGHT SCATTERING
 HALOS
 MICROWAVE SCATTERING
 MIE SCATTERING
 RAYLEIGH SCATTERING
 RAMAN SPECTRA
 THOMSON SCATTERING
 X RAY SCATTERING
RT FADDEEV EQUATIONS
 MAGNETIC DISPERSION
 RECIPROCITY THEOREM
 SCATTERING AMPLITUDE
 SCATTEROMETERS
 SHOCK FRONTS

WAVEFORMS

GS **WAVEFORMS**
 PULSE AMPLITUDE
 PULSE DURATION
 SAWTOOTH WAVEFORMS
 SQUARE WAVES
RT FORM FACTORS

WAVEGUIDE ANTENNAS

WAVEFORMS-(CONT)

SPEECH BASEBAND COMPRESSION
TIME FUNCTIONS
WAVE PROPAGATION

WAVEGUIDE ANTENNAS

GS ANTENNAS
WAVEGUIDE ANTENNAS
HORN ANTENNAS
RT LENS ANTENNAS
MICROWAVE ANTENNAS
MONOPULSE ANTENNAS
RADANT
SLOT ANTENNAS
YAGI ANTENNAS

WAVEGUIDE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
WAVEGUIDE FILTERS
RT BANDSTOP FILTERS
MICROWAVE FILTERS
RADAR FILTERS
WAVEGUIDES

WAVEGUIDE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
WAVEGUIDE LASERS
RT CARBON DIOXIDE LASERS
GALLIUM ARSENIDE LASERS
HETEROJUNCTION DEVICES
INFRARED LASERS
LASER MODES
LASER OUTPUTS
OPTICAL WAVEGUIDES
PULSED LASERS
SEMICONDUCTOR LASERS
TUBE LASERS

WAVEGUIDE TUNERS

GS TUNERS
WAVEGUIDE TUNERS
RT IMPEDANCE MATCHING
MODE TRANSFORMERS
YTTRIUM-IRON GARNET

WAVEGUIDE WINDOWS

RT IMPEDANCE MATCHING
IRISES (MECHANICAL APERTURES)
∞ WINDOWS

WAVEGUIDES

GS TRANSMISSION LINES
COMMUNICATION CABLES
WAVEGUIDES
BEAM WAVEGUIDES
CIRCULAR WAVEGUIDES
OPTICAL WAVEGUIDES
PLASMA GUIDES
RECTANGULAR WAVEGUIDES
RT ANTENNA FEEDS
COAXIAL CABLES
CROSSED FIELDS
ELECTROMAGNETIC SURFACE WAVES
GYRATORS
IRISES (MECHANICAL APERTURES)
MICROWAVE SWITCHING
PARALLEL PLATES
PROPAGATION MODES
SMITH CHART
WAVEGUIDE FILTERS

WAVELENGTH DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
WAVELENGTH DIVISION
MULTIPLEXING
RT CODE DIVISION MULTIPLEXING
DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
TIME DIVISION MULTIPLEXING

WAVELENGTHS

GS WAVELENGTHS
DE BROGLIE WAVELENGTHS
RT ANTINODES
HARMONICS
INFRARED RADIATION
LASER MODES
LASER OUTPUTS
LONGITUDINAL WAVES
MASER OUTPUTS
MILLIMETER WAVES

WAVELENGTHS-(CONT)

NODES (STANDING WAVES)
SPECTRAL EMISSION
STANDING WAVES
STOKES LAW OF RADIATION
SUBMILLIMETER WAVES

∞ WAVES
SN

(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

UF CRESTS
RT WAVE MOTION
BAROCLINIC WAVES
BREAKWATERS
CNOIDAL WAVES
CORRUGATING
CYLINDRICAL WAVES
DETONATION WAVES
DILATATIONAL WAVES
EIKONAL EQUATION
ELASTIC WAVES
ELECTROACOUSTIC WAVES
ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC SURFACE WAVES
FRONTAL WAVES
GRAVITATIONAL WAVES
INTERNAL WAVES
IONIC WAVES
KILOMETRIC WAVES
LITTORAL TRANSPORT
LONGITUDINAL WAVES
NODES (STANDING WAVES)
PLANE WAVES
PLANETARY WAVES
REFRACTED WAVES
SEISMIC WAVES
SHOCK WAVES
SINE WAVES
SOUND WAVES
SPHERICAL WAVES
SQUARE WAVES
STANDING WAVES
STRESS WAVES
SURFACE WAVES
SURGES
TIDAL WAVES
TRANSVERSE WAVES
TROPOSPHERIC WAVES
VIBRATION
WATER WAVES
WATERWAVE ENERGY
WAVE AMPLIFICATION
WAVE EXCITATION
WAVE FRONTS

WAXES

GS WAXES
CERESIN
RT ALKANES
COATINGS
CRUDE OIL
FINISHES
PHASE CHANGE MATERIALS

WEAK ENERGY INTERACTIONS

GS DECAY
WEAK ENERGY INTERACTIONS
P⁺ ∞ INTERACTIONS
X ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD
THEORY)
RT BETA PARTICLES
GRAVITINOS
∞ INTERACTIONS
PARTICLE THEORY

WEAK INTERACTIONS (FIELD THEORY)

UF BETA INTERACTIONS
GS FIELD THEORY (PHYSICS)
WEAK INTERACTIONS (FIELD THEORY)
PARTICLE INTERACTIONS
NUCLEAR INTERACTIONS
WEAK INTERACTIONS (FIELD
THEORY)
WEAK ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD
THEORY)
RT ∞ INTERACTIONS
STRONG INTERACTIONS (FIELD
THEORY)
∞ THEORIES

WEAPON SYSTEM MANAGEMENT

GS MANAGEMENT

NASA THESAURUS (VOLUME 1)

WEAPON SYSTEM MANAGEMENT-(CONT)

WEAPON SYSTEM MANAGEMENT
RT PROJECT MANAGEMENT
∞ SYSTEMS

WEAPON SYSTEM 107A-1

GS WEAPON SYSTEMS
WEAPON SYSTEM 107A-1

WEAPON SYSTEM 107A-2

GS WEAPON SYSTEMS
WEAPON SYSTEM 107A-2

WEAPON SYSTEM 133A

GS WEAPON SYSTEMS
WEAPON SYSTEM 133A

WEAPON SYSTEM 133B

GS WEAPON SYSTEMS
WEAPON SYSTEM 133B

WEAPON SYSTEM 315A

GS WEAPON SYSTEMS
WEAPON SYSTEM 315A

WEAPON SYSTEMS

GS WEAPON SYSTEMS
GROUND OPERATIONAL SUPPORT
SYSTEM
LASER WEAPONS
MISSILE SYSTEMS
NIKE X SYSTEMS
SAFEGUARD SYSTEM
SENTINEL SYSTEM
SUCCESS PROJECT
TYPHON WEAPON SYSTEM
WEAPON SYSTEM 107A-1
WEAPON SYSTEM 107A-2
WEAPON SYSTEM 133A
WEAPON SYSTEM 133B
WEAPON SYSTEM 315A
RT AIR TO SURFACE MISSILES
ANTISHIP MISSILES
FIRE CONTROL
HARPOON MISSILE
∞ MILITARY AIRCRAFT
MILITARY SPACECRAFT
MISSILE LAUNCHERS
MISSILES
MOBILE MISSILE LAUNCHERS
NUCLEAR WEAPONS
ORDNANCE
PANAVIA MILITARY AIRCRAFT
∞ ROCKETS
SPACE WEAPONS
∞ SYSTEMS
WEAPONS
WEAPONS DEVELOPMENT

WEAPONS

GS WEAPONS
ARTILLERY
HOWITZERS
PRECISION GUIDED PROJECTILES
FUSION WEAPONS
GUNS (ORDNANCE)
HOWITZERS
PRECISION GUIDED PROJECTILES
RIFLES
MINES (ORDNANCE)
NUCLEAR WEAPONS
FISSION WEAPONS
SPACE WEAPONS
LASER WEAPONS
WARHEADS
NUCLEAR WARHEADS
PRECISION GUIDED PROJECTILES
RT AMMUNITION
ANTIQUITIES
ANTISHIP WARFARE
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
∞ BALLISTIC VEHICLES
DISARMAMENT
FIRE CONTROL
GUNNERY TRAINING
MILITARY TECHNOLOGY
MISSILES
ORDNANCE
PATRIOT MISSILE
PROJECTILES
SHAPED CHARGES
SHRAPNEL
TANKS (COMBAT VEHICLES)
TOMAHAWK MISSILES

WEAPONS-(CONT)

TORPEDOES
WEAPON SYSTEMS
WEAPONS DELIVERY
WING-FUSELAGE STORES

WEAPONS DELIVERY

GS DELIVERY
RT **WEAPONS DELIVERY**
AIR DEFENSE
∞ AIRCRAFT
DEFENSE PROGRAM
MILITARY TECHNOLOGY
MISSILE DEFENSE
NUCLEAR WEAPONS
∞ ROCKETS
SPACE WEAPONS
WEAPONS

WEAPONS DEVELOPMENT

GS PRODUCT DEVELOPMENT
RT **WEAPONS DEVELOPMENT**
RESEARCH AND DEVELOPMENT
WEAPON SYSTEMS

WEAPONS INDUSTRY

GS INDUSTRIES
DEFENSE INDUSTRY
RT **WEAPONS INDUSTRY**
ARMED FORCES (UNITED STATES)
MILITARY TECHNOLOGY

WEAR

RT ABRASION
CHIPPING
CORROSION
DAMAGE
DEPRECIATION
DETERIORATION
DURABILITY
EROSION
FAILURE
FLAKING
FRETTING CORROSION
FRICTION
GRINDING (MATERIAL REMOVAL)
HARDNESS
REMOVAL
SCORING
SLIDING FRICTION
SPALLING
SURFACE FINISHING
∞ SURFACES
SYSTEM FAILURES
TRIBOLOGY

WEAR INHIBITORS

GS INHIBITORS
RT **WEAR INHIBITORS**
RETARDANTS

WEAR TESTS

RT CUMULATIVE DAMAGE
DESTRUCTIVE TESTS
EROSION
FERROGRAPHY
FRETTING
FRICTION
HARDNESS TESTS
∞ MATERIALS TESTS
PATCH TESTS
QUALITY CONTROL
SPALLING
STATIC TESTS
∞ TESTS

WEATHER

UF WEATHER CONDITIONS
GS **WEATHER**
COLD WEATHER
HOT WEATHER
RT AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
ALPINE METEOROLOGY
ANNUAL VARIATIONS
ANVIL CLOUDS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
ATMOSPHERIC PRESSURE
ATMOSPHERIC TEMPERATURE
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLIMATE

WEATHER-(CONT)

CLIMATOLOGY
CLOUDS (METEOROLOGY)
FLIGHT HAZARDS
FLIGHT PLANS
GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
LONG TERM EFFECTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
METEOSAT SATELLITE
NAVIGATION AIDS
PRECIPITATION (METEOROLOGY)
RUNWAY CONDITIONS
SEASONS
SOLAR COMPASSES
SOLAR TERRESTRIAL INTERACTIONS
WIND (METEOROLOGY)

WEATHER CHARTS

USE METEOROLOGICAL CHARTS

WEATHER CONDITIONS

USE WEATHER

WEATHER CONTROL

USE WEATHER MODIFICATION

WEATHER DATA RECORDERS

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RT **WEATHER DATA RECORDERS**
RECORDING INSTRUMENTS
WEATHER DATA RECORDERS
AUTOMATIC WEATHER STATIONS
∞ DATA
TELEMETRY

WEATHER FORECASTING

GS FORECASTING
RT **WEATHER FORECASTING**
LONG RANGE WEATHER
FORECASTING
NOWCASTING
NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
METEOROLOGY
WEATHER FORECASTING
LONG RANGE WEATHER
FORECASTING
NOWCASTING
NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
RT AIR MASSES
ATMOSPHERIC MODELS
CIRRUS SHIELDS
CLOUD COVER
COLD FRONTS
ENVIRONMENTAL MONITORING
FLIGHT CONDITIONS
FLOOD PREDICTIONS
GARP ATLANTIC TROPICAL EXPERIMENT
HUMIDITY
METEOROLOGICAL BALLOONS
METEOROLOGICAL FLIGHT
METEOROLOGICAL RADAR
METEOROLOGICAL SATELLITES
METEOROLOGICAL SERVICES
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
SNOWSTORMS
STORMS
STORMS (METEOROLOGY)
SYNOPTIC METEOROLOGY
WARM FRONTS
WIND (METEOROLOGY)

WEATHER FRONTS

USE FRONTS (METEOROLOGY)

WEATHER MAPS

USE METEOROLOGICAL CHARTS

WEATHER MODIFICATION

UF WEATHER CONTROL
GS **WEATHER MODIFICATION**
CLOUD DISPERSAL
CLOUD SEEDING
FOG DISPERSAL
LIGHTNING SUPPRESSION
RAINMAKING
STORM ENHANCEMENT
STORM SUPPRESSION

WEATHER MODIFICATION-(CONT)

RT ARTIFICIAL CLOUDS
CLOUD PHYSICS
∞ CONTROL
ENVIRONMENTAL CONTROL
HEAT ISLANDS
SNOWSTORMS

WEATHER RADAR

USE METEOROLOGICAL RADAR

WEATHER RECONNAISSANCE AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
RT **WEATHER RECONNAISSANCE AIRCRAFT**
∞ AIRCRAFT
GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
METEOROLOGICAL INSTRUMENTS
OBSERVATION AIRCRAFT
RB-50 AIRCRAFT

WEATHER STATIONS

UF METEOROLOGICAL STATIONS
GS STATIONS
RT **WEATHER STATIONS**
GROUND STATIONS
INSTRUMENT PACKAGES
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL SATELLITES
METEOROLOGICAL SERVICES
OCEAN DATA ACQUISITIONS SYSTEMS

WEATHERING

RT CORROSION
CORROSION TESTS
CURING
DAMAGE
DEGRADATION
DETERIORATION
EARTH ATMOSPHERE
EROSION
EXPOSURE
MECHANICAL PROPERTIES
RUSTING
SOIL EROSION

WEATHERPROOFING

RT COATINGS
COLD WEATHER
CORROSION PREVENTION
MOISTURE RESISTANCE
PACKAGING
PRESERVING
WATERPROOFING

WEAVING

RT FABRICS
SEWING

WEBBING

RT FABRICS
MESH
∞ WEBS
WEBS (SHEETS)

WEBER TEST

GS PHYSIOLOGICAL TESTS
RT **WEBER TEST**
AUDITORY PERCEPTION
BINAURAL HEARING

WEBER-FECHNER LAW

GS LAWS
WEBER-FECHNER LAW

∞ WEBS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT MEMBRANES
MESH
WEBBING
WEBS (SHEETS)
WEBS (SUPPORTS)

WEBS (MEMBRANES)

USE MEMBRANES

WEBS (SHEETS)

SN *(EXCLUDES POLYMERIC FILMS AND
STRUCTURAL REINFORCEMENTS)*

WEBS (SUPPORTS)

WEBS (SHEETS)-(CONT)

- RT DIAPHRAGMS (MECHANICS)
- ELASTIC SHEETS
- FABRICS
- ∞ FILMS
- MEMBRANES
- PAPER (MATERIAL)
- PAPERS
- ∞ ROVINGS
- ∞ SHEETS
- WEBBING
- WEBS (SUPPORTS)

WEBS (SUPPORTS)

- GS **WEBS (SUPPORTS)**
- GIRDER WEBS
- RT DIAPHRAGMS (MECHANICS)
- ELASTIC SHEETS
- MEMBRANE STRUCTURES
- MEMBRANES
- RIBS (SUPPORTS)
- SKIN (STRUCTURAL MEMBER)
- STIFFENING
- WEBS (SHEETS)

WEDGE FLOW

- GS **WEDGE FLOW**
- FLUID FLOW
- RT **WEDGE FLOW**
- BLASIUS FLOW
- CONICAL FLOW
- FALKNER-SKAN EQUATION
- FLOW GEOMETRY
- LAMINAR FLOW
- SHOCK WAVES
- SUPERSONIC FLOW
- THREE DIMENSIONAL FLOW
- TWO DIMENSIONAL FLOW
- VISCOUS FLOW

WEDGES

- RT AERODYNAMIC CONFIGURATIONS
- AIRFOIL PROFILES
- AIRFOILS

WEIBEL INSTABILITY

- GS DYNAMIC CHARACTERISTICS
- DYNAMIC STABILITY
- MOTION STABILITY
- FLOW STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY**
- FLOW CHARACTERISTICS
- FLOW STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY**
- RT PLASMA INTERACTIONS

WEIBULL DENSITY FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
- PROBABILITY DENSITY FUNCTIONS
- WEIBULL DENSITY FUNCTIONS**
- STATISTICAL ANALYSIS
- PROBABILITY DENSITY FUNCTIONS
- WEIBULL DENSITY FUNCTIONS**
- RT EXPONENTIAL FUNCTIONS
- FATIGUE TESTS
- SAMPLING

WEIERSTRASS FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- WEIERSTRASS FUNCTIONS**
- RT ELLIPTIC FUNCTIONS
- JACOBI INTEGRAL

∞ WEIGHT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ATOMIC WEIGHTS
- BIOMASS
- COEFFICIENTS
- PAYLOADS
- WEIGHT (MASS)

WEIGHT (MASS)

- UF WEIGHT FACTORS
- GS **WEIGHT (MASS)**
- ATOMIC WEIGHTS
- BIOMASS
- BODY WEIGHT
- ORGAN WEIGHT
- STRUCTURAL WEIGHT

WEIGHT (MASS)-(CONT)

- RT CENTER OF MASS
- ∞ FORCE
- GRAVITATION
- LOADS (FORCES)
- LOW MOLECULAR WEIGHTS
- MASCONS
- MASS
- MOLECULAR WEIGHT
- PAYLOADS
- PRESSURE
- VOLUME
- ∞ WEIGHT

WEIGHT ANALYSIS

- RT ∞ ANALYZING
- NEW MOONS PROJECT
- PREFLIGHT ANALYSIS
- STRUCTURAL WEIGHT
- SYSTEMS ANALYSIS

WEIGHT FACTORS

- USE WEIGHT (MASS)

WEIGHT INDICATORS

- UF WIND TUNNEL BALANCES
- GS MEASURING INSTRUMENTS
- INDICATING INSTRUMENTS
- WEIGHT INDICATORS**
- MICROBALANCES
- STRAIN GAGE BALANCES
- THERMOBALANCES
- RT BALANCE
- MECHANICAL MEASUREMENT
- PRESSURE GAGES
- PRESSURE MEASUREMENT
- ∞ SCALE
- STRAIN GAGES
- TENSOMETERS

WEIGHT MEASUREMENT

- UF MICROWEIGHING
- RT DENSITY (MASS/VOLUME)
- HYDROMETERS
- ∞ MEASUREMENT

WEIGHT REDUCTION

- RT AIRCRAFT DESIGN
- SPACECRAFT DESIGN
- STRUCTURAL DESIGN
- STRUCTURAL WEIGHT
- SYSTEMS ANALYSIS

WEIGHTING FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- MEASURE AND INTEGRATION
- WEIGHTING FUNCTIONS**
- FUNCTIONS (MATHEMATICS)
- WEIGHTING FUNCTIONS**
- RT STATISTICAL MECHANICS

WEIGHTLESS FLUIDS

- RT ∞ FLUIDS
- VISCOUS FLUIDS

WEIGHTLESSNESS

- UF ZERO GRAVITY
- RT AEROSPACE MEDICINE
- ARTIFICIAL GRAVITY
- ASTRONAUT PERFORMANCE
- ∞ ASTRONAUTICS
- BIOPROCESSING
- BLACKOUT PREVENTION
- BODY WEIGHT
- BONE DEMINERALIZATION
- CONTAINERLESS MELTS
- DISORIENTATION
- DROP TOWERS
- ENVIRONMENTS
- EXTRAVEHICULAR ACTIVITY
- FLIGHT STRESS (BIOLOGY)
- FREE FALL
- GRAVITATION
- GRAVITATIONAL EFFECTS
- INTRAVEHICULAR ACTIVITY
- LIFE SUPPORT SYSTEMS
- LOW WEIGHT
- LOWER BODY NEGATIVE PRESSURE
- PARABOLIC FLIGHT
- SPACE ADAPTATION SYNDROME
- SPACE FLIGHT STRESS
- SPACE MANUFACTURING
- SPACE PROCESSING APPLICATIONS
- ROCKET

NASA THESAURUS (VOLUME 1)

WEIGHTLESSNESS-(CONT)

- SPACEBORNE EXPERIMENTS
- SPACECRAFT ENVIRONMENTS
- SUBORBITAL FLIGHT

WEIGHTLESSNESS SIMULATION

- GS SIMULATION
- ENVIRONMENT SIMULATION
- SPACE ENVIRONMENT SIMULATION
- WEIGHTLESSNESS SIMULATION**
- RT FLIGHT SIMULATION
- LANGLEY COMPLEX COORDINATOR
- PARABOLIC FLIGHT
- SUBMERGING

WELD STRENGTH

- GS MECHANICAL PROPERTIES
- WELD STRENGTH**
- RT PATCH TESTS
- ∞ STRENGTH
- WELDABILITY
- WELDED JOINTS

WELD TESTS

- RT FATIGUE TESTS
- ∞ TESTS
- WELDED JOINTS

WELDABILITY

- RT BRITTLINESS
- DUCTILITY
- WELD STRENGTH

WELDED JOINTS

- GS JOINTS (JUNCTIONS)
- METAL JOINTS
- WELDED JOINTS**
- SPOT WELDS
- RT BEADS
- BUTT JOINTS
- LAP JOINTS
- RIVETED JOINTS
- WELD STRENGTH
- WELD TESTS
- WELDING

WELDED STRUCTURES

- GS **WELDED STRUCTURES**
- STEEL STRUCTURES
- RT RIGID STRUCTURES
- ∞ STRUCTURES

WELDING

- GS **WELDING**
- COLD WELDING
- ELECTRIC WELDING
- ARC WELDING
- GAS TUNGSTEN ARC WELDING
- PLASMA ARC WELDING
- ELECTRON BEAM WELDING
- ELECTROSLAG WELDING
- FLASH WELDING
- FRICTION WELDING
- LASER WELDING
- FUSION WELDING
- GAS WELDING
- BRAZING
- LOW TEMPERATURE BRAZING
- PRESSURE WELDING
- DIFFUSION WELDING
- EXPLOSIVE WELDING
- ULTRASONIC WELDING
- RT BACKUPS
- BEADS
- BONDING
- CONSTRUCTION
- FILLETS
- FLAME PLATING
- FLUXES
- FUSIBILITY
- ∞ JOINING
- METAL BONDING
- METAL-METAL BONDING
- SEALING
- SOLDERING
- TORCHES
- WELDED JOINTS

WELDING MACHINES

- RT ∞ ELECTRIC EQUIPMENT
- ELECTRIC WELDING
- ∞ MACHINERY
- TORCHES

WELLS

RT **AQUIFERS**
DRILLING
GROUND WATER
LIMNOLOGY
OASES
SPRINGS (WATER)
SQUARE WELLS
STRATIGRAPHY

WENTZEL-KRAMER-BRILLOUIN METHOD

UF **WKB APPROXIMATION**
 RT **DE BROGLIE WAVELENGTHS**
 ∞ **METHODOLOGY**
PERTURBATION THEORY
PLANCKS CONSTANT
SCHROEDINGER EQUATION

WESER AIRCRAFT

RT ∞ **AIRCRAFT**
HELICOPTERS
ROTARY WING AIRCRAFT
V/STOL AIRCRAFT

WEST COMET

GS **CELESTIAL BODIES**
COMETS
WEST COMET
 RT **SOLAR SYSTEM**

WEST FORD PROJECT

GS **PROGRAMS**
PROJECTS
WEST FORD PROJECT

WEST GERMANY

UF **FEDERAL REPUBLIC OF GERMANY**
 GS **NATIONS**
WEST GERMANY
 RT **ALPS MOUNTAINS (EUROPE)**
AZUR SATELLITE
CENTRAL EUROPE
EAST GERMANY
EUROPE
 ∞ **GERMANY**

WEST INDIES

GS **LANDFORMS**
ISLANDS
WEST INDIES
BAHAMAS
BARBADOS
CUBA
DOMINICA
GUADELOUPE
HAITI
JAMAICA
LESSER ANTILLES
MARTINIQUE
PUERTO RICO
TRINIDAD AND TOBAGO
VIRGIN ISLANDS
 RT **ATLANTIC OCEAN**
CARIBBEAN REGION

WEST PAKISTAN

USE **BANGLADESH**

WEST VIRGINIA

GS **NATIONS**
UNITED STATES
WEST VIRGINIA
 RT **ALLEGHENY PLATEAU (US)**
OHIO RIVER (US)
POTOMAC RIVER VALLEY (MD-VA-WV)

WESTAR SATELLITES

GS **SATELLITES**
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
WESTAR SATELLITES
 RT **POINT TO POINT COMMUNICATION**
TELECOMMUNICATION
TELEGRAPH SYSTEMS

WESTERN HEMISPHERE

RT **EARTH (PLANET)**
EASTERN HEMISPHERE
GEOGRAPHY

WESTLAND AIRCRAFT

GS **WESTLAND AIRCRAFT**
P-531 HELICOPTER
WESTLAND WHIRLWIND HELICOPTER

WESTLAND AIRCRAFT-(CONT)

RT ∞ **AIRCRAFT**
HELICOPTERS
ROTARY WING AIRCRAFT
V/STOL AIRCRAFT

WESTLAND GROUND EFFECT MACHINES

UF **SR-N2 GROUND EFFECT MACHINE**
SR-N3 GROUND EFFECT MACHINE
SR-N5 GROUND EFFECT MACHINE
WESTLAND SR-N2 GROUND EFFECT MACHINE
WESTLAND SR-N2 HOVERCRAFT
WESTLAND SR-N3 GROUND EFFECT MACHINE
WESTLAND SR-N3 HOVERCRAFT
WESTLAND SR-N5 GROUND EFFECT MACHINE
 GS **GROUND EFFECT MACHINES**
WESTLAND GROUND EFFECT MACHINES
 RT ∞ **AIRCRAFT**

WESTLAND MK-10 HELICOPTER

USE **WESTLAND WHIRLWIND HELICOPTER**

WESTLAND P-531 HELICOPTER

USE **P-531 HELICOPTER**

WESTLAND SR-N2 GROUND EFFECT MACHINE

USE **WESTLAND GROUND EFFECT MACHINES**

WESTLAND SR-N2 HOVERCRAFT

USE **WESTLAND GROUND EFFECT MACHINES**

WESTLAND SR-N3 GROUND EFFECT MACHINE

USE **WESTLAND GROUND EFFECT MACHINES**

WESTLAND SR-N3 HOVERCRAFT

USE **WESTLAND GROUND EFFECT MACHINES**

WESTLAND SR-N5 GROUND EFFECT MACHINE

USE **WESTLAND GROUND EFFECT MACHINES**

WESTLAND WHIRLWIND HELICOPTER

UF **WESTLAND MK-10 HELICOPTER**
WHIRLWIND MK-10 HELICOPTER
 GS **UTILITY AIRCRAFT**
WESTLAND WHIRLWIND HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
WESTLAND WHIRLWIND HELICOPTER
WESTLAND AIRCRAFT
 RT ∞ **AIRCRAFT**

WET CELLS

GS **ELECTROCHEMICAL CELLS**
ELECTRIC BATTERIES
WET CELLS
 RT ∞ **ELECTRIC CELLS**
ELECTROLYTES
FUEL CELLS
NONAQUEOUS ELECTROLYTES
PRIMARY BATTERIES

WET SPINNING

RT **EXTRUDING**
FIBERS
 ∞ **FILAMENTS**
 ∞ **PROCESSING**
SYNTHETIC FIBERS
TEXTILES
WETTING

WETLANDS

GS **LAND**
WETLANDS
 RT **COASTAL CURRENTS**
COASTAL ECOLOGY
COASTAL PLAINS
COASTAL WATER
ENVIRONMENT EFFECTS
FISHERIES
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE RESOURCES
MARSHLANDS
NEARSHORE WATER
OCEANOGRAPHY
OIL POLLUTION
SEA GRASSES

WETLANDS-(CONT)

SHORELINES
TIDES
WATER RESOURCES
WATERFOWL
WILDLIFE

WETNESS

USE **MOISTURE CONTENT**

WETTABILITY

RT **ADHESION**
ADHESION TESTS
FORMATIONS
HYGROSCOPICITY
PERMEABILITY
POROSITY
SURFACE PROPERTIES
WETTING

WETTING

RT **COOLING**
DIPPING
FOAMING
INTERFACIAL TENSION
 ∞ **SATURATION**
 ∞ **SOAKING**
SOAPS
SPRAYING
SPRINKLING
SUBMERGING
WET SPINNING
WETTABILITY

WHALES

GS **ANIMALS**
VERTEBRATES
MAMMALS
WHALES
 RT **MARINE MAMMALS**

WHARVES

UF **PIERS**
 RT **CARGO SHIPS**
DAMS
EARTH RESOURCES
FREIGHTERS
HARBORS
MARINE TECHNOLOGY
MATERIALS HANDLING
 ∞ **PORTS**
RIVERS
SHIP TERMINALS
TANKER SHIPS
TERMINAL FACILITIES
WATER

WHEAT

GS **FARM CROPS**
GRAINS (FOOD)
WHEAT
 RT **CROP GROWTH**
CROP VIGOR
 ∞ **CROPS**
RICE

WHEATSTONE BRIDGES

GS **CIRCUITS**
ELECTRIC BRIDGES
WIRE BRIDGE CIRCUITS
WHEATSTONE BRIDGES
 RT **MEASURING INSTRUMENTS**
OHMMETERS

WHEEL BRAKES

GS **BRAKES (FOR ARRESTING MOTION)**
WHEEL BRAKES
 RT **AIRCRAFT BRAKES**
AIRCRAFT SAFETY
ANTISKID DEVICES
CONTROLLABILITY
FRICTION
HYDRAULIC EQUIPMENT
LANDING GEAR
TIRES
VEHICLE WHEELS

WHEELCHAIRS

RT **HANDICAPS**
HUMAN FACTORS ENGINEERING
LOCOMOTION
RAMPS (STRUCTURES)

WHEELS

WHEELS

GS WHEELS
COUNTER-ROTATING WHEELS
FLYWHEELS
REACTION WHEELS
TOROIDAL WHEELS
TURBINE WHEELS
VEHICLE WHEELS
NOSE WHEELS
WATER WHEELS
RT BEARINGS
BRAKES (FOR ARRESTING MOTION)
GEARS
HUBS
LANDING GEAR
PULLEYS
ROLLERS
ROTORS
SHAFTS (MACHINE ELEMENTS)
SPOKES
TIRES

WHIP ANTENNAS

GS ANTENNAS
OMNIDIRECTIONAL ANTENNAS
MONOPOLE ANTENNAS
WHIP ANTENNAS
RT RADIO ANTENNAS

WHIPLASH INJURIES

GS INJURIES
WHIPLASH INJURIES
RT BACK INJURIES
CRASH INJURIES

WHIRL

USE ROTATION

WHIRL INSTABILITY

USE ROTARY STABILITY

WHIRL TOWERS

RT HELICOPTER DESIGN
HOVERING
HOVERING STABILITY
PARACHUTES
ROTARY WINGS
ROTOR AERODYNAMICS
SPIN TESTS

WHIRLING

USE ROTATION

WHIRLING TESTS

USE SPIN TESTS

WHIRLWIND MK-10 HELICOPTER

USE WESTLAND WHIRLWIND HELICOPTER

WHISKER COMPOSITES

UF METAL WHISKER REINFORCEMENT
GS COMPOSITE MATERIALS
WHISKER COMPOSITES
RT EUTECTIC ALLOYS
METAL MATRIX COMPOSITES
REINFORCING FIBERS

WHISKERS (CRYSTALS)

GS CRYSTALS
WHISKERS (CRYSTALS)
RT DENDRITIC CRYSTALS
FIBERS
∞ FILAMENTS

WHISTLER RECORDERS

GS COMMUNICATION EQUIPMENT
RADIO RECEIVERS
WHISTLER RECORDERS
RADIO EQUIPMENT
RADIO RECEIVERS
WHISTLER RECORDERS
RECORDING INSTRUMENTS
WHISTLER RECORDERS
RT SONOGRAMS

WHISTLERS

GS ATMOSPHERIC RADIATION
IONOSPHERIC NOISE
WHISTLERS
ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS

WHISTLERS-(CONT)

WHISTLERS
IONOSPHERIC NOISE
WHISTLERS
RT DAWN CHORUS
ELECTROMAGNETIC FIELDS
LIGHTNING
MICROWAVES
RADIO SIGNALS
SONOGRAMS

WHITE BLOOD CELLS

GS BODY FLUIDS
BLOOD
WHITE BLOOD CELLS
RT LEUKOCYTES

WHITE DWARF STARS

GS CELESTIAL BODIES
STARS
DWARF STARS
WHITE DWARF STARS
HOT STARS
WHITE DWARF STARS
RT CATAclysmic VARIABLES
DWARF NOVAE
RED DWARF STARS
SUBDWARF STARS
SUPERNOVA REMNANTS
WOLF-RAYET STARS

WHITE HOLES (ASTRONOMY)

GS CELESTIAL BODIES
STARS
WHITE HOLES (ASTRONOMY)
GRAVITATIONAL COLLAPSE
WHITE HOLES (ASTRONOMY)
RT BLACK HOLES (ASTRONOMY)
COSMOLOGY
ELECTROMAGNETIC RADIATION
GRAVITATIONAL LENSES
LIGHT EMISSION
NAKED SINGULARITIES
SUPERNOVA REMNANTS

WHITE LIGHT HOLOGRAPHY

GS IMAGERY
HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
PHOTOGRAPHY
HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
RT DATA STORAGE
WAVE FRONT RECONSTRUCTION

WHITE NOISE

UF SPECTRAL NOISE
GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
WHITE NOISE
THERMAL NOISE
RT ELECTROMAGNETIC NOISE
MEASUREMENT
JAMMING
∞ NOISE
NOISE (SOUND)
NOISE SPECTRA
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SPECTRAL BANDS

WHITEOUT

RT VISIBILITY
VISUAL FLIGHT

WHITHAM RULE

GS RULES
WHITHAM RULE
RT SHOCK WAVES
WAVE PROPAGATION

WHITTAKER FUNCTIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
WHITTAKER FUNCTIONS
FUNCTIONS (MATHEMATICS)
WHITTAKER FUNCTIONS
RT DIFFERENTIAL EQUATIONS

WICKS

RT FUSES (ORDNANCE)

NASA THESAURUS (VOLUME 1)

WIDE ANGLE LENSES

GS LENSES
WIDE ANGLE LENSES
OPTICAL EQUIPMENT
WIDE ANGLE LENSES
RT ALL SKY PHOTOGRAPHY
CAMERAS
PANORAMIC CAMERAS

WIDEBAND

USE BROADBAND

WIDEBAND COMMUNICATION

GS TELECOMMUNICATION
WIDEBAND COMMUNICATION
RT BROADBAND AMPLIFIERS
CODE DIVISION MULTIPLE ACCESS
MULTIPLE ACCESS
POINT TO POINT COMMUNICATION
TIME DIVISION MULTIPLE ACCESS
TROPOSPHERIC SCATTERING

WIDMANSTATTEN STRUCTURE

GS CRYSTAL STRUCTURE
WIDMANSTATTEN STRUCTURE
MICROSTRUCTURE
WIDMANSTATTEN STRUCTURE
RT IRON METEORITES
METALLOGRAPHY
METEORITIC MICROSTRUCTURES
∞ PATTERNS

WIDTH

GS DIMENSIONS
WIDTH
RT BANDWIDTH
∞ SPAN

WIENER FILTERING

RT ELECTRIC FILTERS
OPTIMIZATION
STATISTICAL ANALYSIS

WIENER HOPF EQUATIONS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
WIENER HOPF EQUATIONS
RT ∞ EQUATIONS

WIGGLER MAGNETS

GS MAGNETS
WIGGLER MAGNETS
REFLECTORS
WIGGLER MAGNETS
RT FREE ELECTRON LASERS
LASER PUMPING
TUNABLE LASERS

WIGHTMAN THEORY

USE FIELD THEORY (PHYSICS)
QUANTUM THEORY
RELATIVISTIC THEORY

WIGNER COEFFICIENT

GS COEFFICIENTS
WIGNER COEFFICIENT
RT ANGULAR MOMENTUM
∞ MECHANICS (PHYSICS)

WILDERNESS

RT DESERTS
FORESTS
LAND MANAGEMENT
PLAINS
REMOTE REGIONS
RURAL AREAS

WILDLIFE

GS ANIMALS
WILDLIFE
BABOONS
BATS
BIRDS
CHIMPANZEES
MONKEYS
RT ENDANGERED SPECIES
ENVIRONMENT EFFECTS
HABITATS
WETLANDS

WILDLIFE RADIOLOCATION

GS TRACKING (POSITION)
RADIO TRACKING

NASA THESAURUS (VOLUME 1)

WIND TURBINES

WILDLIFE RADIOLOCATION-(CONT.)

WILDLIFE RADIOLOCATION
RT ANIMALS
BIOINSTRUMENTATION
BIOTELEMETRY
RADIO TRANSMITTERS
REMOTE SENSORS
SATELLITE INSTRUMENTS
SATELLITE OBSERVATION
TRIANGULATION

WILLISTON BASIN (NORTH AMERICA)

GS LANDFORMS
STRUCTURAL BASINS
WILLISTON BASIN (NORTH AMERICA)
RT CANADA
MONTANA
NORTH AMERICA
NORTH DAKOTA

WINCHES

RT CRANES
ELEVATORS (LIFTS)
∞ LIFTS
PULLEYS

WIND (METEOROLOGY)

GS WIND (METEOROLOGY)
CIRCUMPOLAR WESTERLIES
CYCLOGENESIS
GROUND WIND
GUSTS
MONSOONS
SEA BREEZE
SQUALLS
WINDS ALOFT
GEOSTROPHIC WIND
JET STREAMS (METEOROLOGY)
RT AEOLIAN TONES
AEROLOGY
AIR CURRENTS
AIR POLLUTION
ALPINE METEOROLOGY
ANEMOMETERS
ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
∞ BARRIERS
BLOWING
CLIMATOLOGY
CYCLONES
GRAVITY WAVES
HOT-FILM ANEMOMETERS
JIMSPHERE BALLOONS
MARINE METEOROLOGY
MERIDIONAL FLOW
MESOSCALE PHENOMENA
METEOROLOGY
MIXING HEIGHT
PRESSURE ICE
RIPPLES
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
THUNDERSTORMS
TIDAL WAVES
TORNADOES
UPWELLING WATER
VERTICAL AIR CURRENTS
WEATHER
WEATHER FORECASTING
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND CIRCULATION

USE ATMOSPHERIC CIRCULATION

WIND DIRECTION

RT ATMOSPHERIC CIRCULATION
GROUND WIND
MERIDIONAL FLOW
SEA BREEZE
SMOKE TRAILS
UPSTREAM
UPWELLING WATER
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS

WIND EFFECTS

RT ATMOSPHERIC EFFECTS
DUNES
DUST STORMS
∞ EFFECTS
EROSION
GROUND WIND

WIND EFFECTS-(CONT.)

PRESSURE EFFECTS
SEA BREEZE
SEA ROUGHNESS
SEA STATES
SOIL EROSION
TURBULENCE
WATER CIRCULATION

WIND ENERGY

USE WINDPOWER UTILIZATION

WIND EROSION

GS EROSION
WIND EROSION
RT ATMOSPHERIC EFFECTS
GROUND WIND
PENEPLAINS
SEA BREEZE
WATER EROSION

WIND MEASUREMENT

GS MECHANICAL MEASUREMENT
WIND MEASUREMENT
WIND VELOCITY MEASUREMENT
RT AERODYNAMICS
ANEMOMETERS
HOT-FILM ANEMOMETERS
∞ MEASUREMENT
METEOROLOGICAL PARAMETERS
METEOROLOGY
RAWINSONDES
SEA BREEZE
SMOKE TRAILS

WIND PRESSURE

GS PRESSURE
WIND PRESSURE
RT DYNAMIC LOADS
GROUND WIND
GUST LOADS
LOADS (FORCES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND PROFILES

RT ATMOSPHERIC CIRCULATION
GROUND WIND
∞ PROFILES
RADIAL DISTRIBUTION
SMOKE TRAILS
VERTICAL DISTRIBUTION

WIND RIVER RANGE (WY)

GS LANDFORMS
MOUNTAINS
WIND RIVER RANGE (WY)
RT WYOMING

WIND SHEAR

UF DUNGEYS WIND SHEAR MECHANISM
RT BAROTROPIC FLOW
CLEAR AIR TURBULENCE
GEOSTROPHIC WIND
GROUND WIND

WIND TUNNEL APPARATUS

UF WIND TUNNEL BALANCES
GS WIND TUNNEL APPARATUS
WIND TUNNEL DRIVES
WIND TUNNEL NOZZLES
RT ∞ EQUIPMENT
SUPERSONIC TEST APPARATUS

WIND TUNNEL BALANCES

USE WEIGHT INDICATORS
WIND TUNNEL APPARATUS

WIND TUNNEL CALIBRATION

GS CALIBRATING
WIND TUNNEL CALIBRATION
RT MEASURING INSTRUMENTS
PRESSURE MEASUREMENT
SCALING LAWS
TEMPERATURE MEASUREMENT

WIND TUNNEL DRIVES

GS WIND TUNNEL APPARATUS
WIND TUNNEL DRIVES
RT ∞ DRIVES
∞ FANS
MECHANICAL DRIVES
PLASMA GENERATORS
PRESSURE CHAMBERS

WIND TUNNEL DRIVES-(CONT.)

VACUUM CHAMBERS

WIND TUNNEL MODELS

GS MODELS
WIND TUNNEL MODELS
POWERED MODELS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT MODELS
DYNAMIC MODELS
FLOW VISUALIZATION
∞ MISSILE SIMULATORS
PYLON MOUNTING
SCALE MODELS
SEMISPAN MODELS
SHADOWGRAPH PHOTOGRAPHY
∞ TEST EQUIPMENT

WIND TUNNEL NOZZLES

GS WIND TUNNEL APPARATUS
WIND TUNNEL NOZZLES
RT CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
HYPERSONIC NOZZLES
∞ NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES

WIND TUNNEL STABILITY TESTS

GS STABILITY TESTS
WIND TUNNEL STABILITY TESTS
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
MISSILE TESTS
SPACECRAFT STABILITY
∞ TESTS

WIND TUNNEL TESTS

RT AERODYNAMIC CHARACTERISTICS
DENSITY MEASUREMENT
FLOW DISTRIBUTION
PRESSURE MEASUREMENT
∞ TESTS
TRISONIC WIND TUNNELS
WATER TUNNEL TESTS

WIND TUNNEL WALLS

GS WALLS
WIND TUNNEL WALLS
RT PRESSURE VESSELS
REINFORCED SHELLS

WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
CRYOGENIC WIND TUNNELS
HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
HYPERVELOCITY WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
LOW DENSITY WIND TUNNELS
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SLOTTED WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS
TRISONIC WIND TUNNELS
RT AERODYNAMICS
EXHAUST FLOW SIMULATION
FLIGHT SIMULATORS
GAS GUNS
GAS STREAMS
HYPERSONIC FLOW
SPIKES (AERODYNAMIC CONFIGURATIONS)
SUPERSONIC FLOW
TEST CHAMBERS
∞ TEST EQUIPMENT
TRANSONIC FLOW
∞ TUNNELS

WIND TURBINES

GS TURBOMACHINERY
TURBINES
WIND TURBINES

WIND VANES

WIND TURBINES-(CONT)

RT TIP VANES
TURBOGENERATORS
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND VANES

GS DISPLAY DEVICES
FLOW DIRECTION INDICATORS
WIND VANES
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
FLOW DIRECTION INDICATORS
WIND VANES
METEOROLOGICAL INSTRUMENTS
WIND VANES
VANES
WIND VANES
RT ANEMOMETERS
HOT-FILM ANEMOMETERS

WIND VARIATIONS

GS VARIATIONS
WIND VARIATIONS
RT ANNUAL VARIATIONS
ATMOSPHERIC TURBULENCE
DIURNAL VARIATIONS
SEASONS

WIND VELOCITY

GS RATES (PER TIME)
WIND VELOCITY
SOLAR WIND VELOCITY
VELOCITY
WIND VELOCITY
SOLAR WIND VELOCITY
RT AIRSPEED
ANEMOMETERS
FLOW MEASUREMENT
GROUND WIND
HOT-FILM ANEMOMETERS
SEA ROUGHNESS
WIND TURBINES
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND VELOCITY MEASUREMENT

GS MECHANICAL MEASUREMENT
VELOCITY MEASUREMENT
WIND VELOCITY MEASUREMENT
WIND MEASUREMENT
WIND VELOCITY MEASUREMENT
RT ANEMOMETERS
HOT-FILM ANEMOMETERS

WINDING

GS **WINDING**
FILAMENT WINDING
HELICAL WINDINGS
WIRE WINDING
RT COLD WORKING
LEVELING
METAL WORKING
SPINDLES
SPIRAL WRAPPING
STRETCHING
TWISTING

WINDMILLING

USE AUTOROTATION

WINDMILLS (WINDPOWERED MACHINES)

RT ELECTRIC GENERATORS
GEARS
GROUND WIND
 ∞ MACHINERY
MECHANICAL DRIVES
 ∞ POWER TRANSMISSION
 ∞ PUMPING
WIND (METEOROLOGY)
WIND DIRECTION
WIND TURBINES
WIND VELOCITY
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS
WINDPOWERED PUMPS

WINDOW ATMOSPHERE SOUNDING PROJECTILE

USE WASP SOUNDING ROCKET

∞ WINDOWS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT INFRARED WINDOWS
PORTS (OPENINGS)
WAVEGUIDE WINDOWS
WINDOWS (APERTURES)
WINDOWS (INTERVALS)

WINDOWS (APERTURES)

SN (EXCLUDES INTERVALS IN TIME,
FREQUENCY, ENERGY ETC)
RT APERTURES
 ∞ BARRIERS
CURTAINS
DOORS
DUCTS
OPENINGS
PORTS (OPENINGS)
SEPARATORS
SHIELDING
VENTS
 ∞ WINDOWS
WINDSHIELDS

WINDOWS (INTERVALS)

SN (EXCLUDES INTERVALS IN SPACE
CONTINUUM)
GS **WINDOWS (INTERVALS)**
LASER WINDOWS
LAUNCH WINDOWS
RT BANDWIDTH
BURNING TIME
COUNTDOWN
ENERGY BANDS
FLIGHT TIME
TESTING TIME
TIME MEASUREMENT
 ∞ WINDOWS

WINDPOWER UTILIZATION

UF WIND ENERGY
GS UTILIZATION
RT **WINDPOWER UTILIZATION**
AIR CURRENTS
AIR MASSES
ATMOSPHERIC CIRCULATION
CLEAN ENERGY
EARTH RESOURCES
GROUND WIND
SEA BREEZE
VANES
WIND (METEOROLOGY)
WIND PRESSURE
WIND TURBINES
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS
WINDPOWERED PUMPS

WINDPOWERED GENERATORS

RT ELECTRIC GENERATORS
 ∞ GENERATORS
GROUND WIND
VANES
WIND (METEOROLOGY)
WIND DIRECTION
WIND PRESSURE
WIND TURBINES
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION

WINDPOWERED PUMPS

GS PUMPS
WINDPOWERED PUMPS
RT PONDS
 ∞ PUMPING
RESERVOIRS
VANES
WATER
WATER RESOURCES
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION

WINDS ALOFT

GS WIND (METEOROLOGY)
WINDS ALOFT
GEOSTROPHIC WIND
JET STREAMS (METEOROLOGY)
RT CIRCUMPOLAR WESTERLIES
SEA BREEZE
VERTICAL AIR CURRENTS

NASA THESAURUS (VOLUME 1)

WINDSCREENS

USE WINDSHIELDS

WINDSHIELDS

UF WINDSCREENS
RT AIRCRAFT COMPARTMENTS
CANOPIES
COCKPITS
ENVIRONMENTAL CONTROL
LOCOMOTIVES
SHIELDING
WINDOWS (APERTURES)

WINES

GS LIQUIDS
POTABLE LIQUIDS
BEVERAGES
WINES
RT VINEYARDS

WING CAMBER

GS CAMBER
WING CAMBER
RT CAMBERED WINGS
CONICAL CAMBER

WING FLAPS

UF JET AUGMENTED WING FLAPS
GS AIRFOILS
FLAPS (CONTROL SURFACES)
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
VORTEX FLAPS
BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
AIRCRAFT BRAKES
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
DRAG DEVICES
AERODYNAMIC BRAKES
WING FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
RT EXTERNALLY BLOWN FLAPS
JET FLAPS
SPLIT FLAPS

WING FLOW METHOD TESTS

RT FLIGHT TESTS
FLUID FLOW
GROUND TESTS
 ∞ METHODOLOGY
 ∞ TESTS
TRANSONIC WIND TUNNELS

WING LOADING

GS AERODYNAMIC FORCES
WING LOADING
LOADS (FORCES)
DYNAMIC LOADS
WING LOADING
RT AERODYNAMIC LOADS
AEROELASTICITY
EDGE LOADING
FORCE DISTRIBUTION
GUST LOADS
LEADING EDGE THRUST
STATIC LOADS
SWEEP EFFECT
VORTEX FLAPS

WING NACELLE CONFIGURATIONS

GS AERODYNAMIC CONFIGURATIONS
WING NACELLE CONFIGURATIONS
RT ∞ AIRCRAFT
AIRFRAMES
EXTERNALLY BLOWN FLAPS

WING OSCILLATIONS

GS OSCILLATIONS
WING OSCILLATIONS
RT AERODYNAMIC STABILITY
FLAPPING
FLUTTER

WING OSCILLATIONS-(CONT)

STABLE OSCILLATIONS
UNDAMPED OSCILLATIONS
VIBRATION

WING PANELS

GS PANELS
WING PANELS
STRUCTURAL MEMBERS
WING PANELS
RT CURVED PANELS
RECTANGULAR PANELS
WINGS

WING PLANFORMS

GS PLANFORMS
WING PLANFORMS
CHANNEL WINGS
INFINITE SPAN WINGS
SWEEP FORWARD WINGS
TRAPEZOIDAL WINGS
SWEEPBACK WINGS
ARROW WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
VARIABLE SWEEP WINGS
RT HP-115 AIRCRAFT
LOW ASPECT RATIO WINGS
MONOPLANES
OBLIQUE WINGS
RECTANGULAR PLANFORMS
SLENDER WINGS
SWEEP WINGS
SWING WINGS
THRUST DISTRIBUTION
UNSWEPT WINGS

WING PROFILES

GS AIRFOIL PROFILES
WING PROFILES
WING SPAN
RT AERODYNAMIC INTERFERENCE
GAW-1 AIRFOIL
GAW-2 AIRFOIL
MONOPLANES
SUPERCritical WINGS
SWING WINGS
WINGS

WING ROOTS

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
DROOPED AIRFOILS
FAIRINGS
∞ ROOTS

WING SLATS

USE LEADING EDGE SLATS

WING SLOTS

GS SLOTS
WING SLOTS
RT BOUNDARY LAYER CONTROL
LEADING EDGE SLATS
VORTEX GENERATORS

WING SPAN

GS AIRFOIL PROFILES
WING PROFILES
WING SPAN
RT ∞ SPAN
SPANWISE BLOWING
WINGS

WING TANKS

GS TANKS (CONTAINERS)
FUEL TANKS
WING TANKS
RT ∞ CONTAINERS
EXTERNAL STORE SEPARATION
EXTERNAL STORES
EXTERNAL TANKS
JETTISON SYSTEMS
WING-FUSELAGE STORES

WING TIP VORTICES

GS VORTICES
WING TIP VORTICES
RT FLOW DISTORTION
ROTATING FLUIDS

WING TIPS

GS TIPS
WING TIPS

WING TIPS-(CONT)

RT AIRFOIL PROFILES
BLADE TIPS
WINGS

WING-FUSELAGE STORES

RT EXTERNAL STORE SEPARATION
EXTERNAL STORES
FUSELAGES
NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
∞ STORAGE
STORAGE TANKS
TANKS (CONTAINERS)
WEAPONS
WING TANKS

∞ WINGED VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ∞ AIRCRAFT
B-1 AIRCRAFT
DRONE VEHICLES
FIREBEE 2 TARGET DRONE AIRCRAFT
GLIDERS
HANG GLIDERS
HYPERSONIC VEHICLES
JET AIRCRAFT
KA-6 SAILPLANES
LAUNCH VEHICLES
LEADING EDGE FLAPS
MAN POWERED AIRCRAFT
MISSILES
MONOPLANES
RECOVERABLE LAUNCH VEHICLES
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RESEARCH AIRCRAFT
ROCKET VEHICLES
SHORT TAKEOFF AIRCRAFT
SUPERCritical WINGS
ULTRALIGHT AIRCRAFT
∞ VEHICLES
VERTICAL TAKEOFF AIRCRAFT
WINGS

WINGLETS

RT DRAG REDUCTION
FINS
PROTUBERANCES
VORTEX ALLEVIATION
VORTEX AVOIDANCE
WINGS

WINGS

UF CANTILEVER WINGS
GS AIRFOILS
WINGS
AEROELASTIC RESEARCH WINGS
CAMBERED WINGS
CARET WINGS
CHANNEL WINGS
CRUCIFORM WINGS
FIXED WINGS
FLEXIBLE WINGS
PARAWINGS
GAW-1 AIRFOIL
GAW-2 AIRFOIL
LOW ASPECT RATIO WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
OBLIQUE WINGS
RIGID WINGS
ROTARY WINGS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
SLENDER WINGS
INFINITE SPAN WINGS
SUPERCritical WINGS
SWEEP WINGS
SWEEP FORWARD WINGS
TRAPEZOIDAL WINGS
SWEEPBACK WINGS
ARROW WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
SWING WINGS
THIN WINGS
INFINITE SPAN WINGS
TWISTED WINGS

WINGS-(CONT)

UNCAMBERED WINGS
RING WINGS
UNSWEPT WINGS
INFINITE SPAN WINGS
RECTANGULAR WINGS
RING WINGS
VARIABLE SWEEP WINGS
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOIL FENCES
AIRFRAMES
ASPECT RATIO
BLUNT TRAILING EDGES
BODY-WING AND TAIL CONFIGURATIONS
BODY-WING CONFIGURATIONS
COATINGS
CONTROL SURFACES
DROOPED AIRFOILS
DUAL WING CONFIGURATIONS
LEADING EDGE FLAPS
MISSILE COMPONENTS
ROTORS
SPOILERS
WING PANELS
WING PROFILES
WING SPAN
WING TIPS
∞ WINGED VEHICLES
WINGLETS
X WING ROTORS

WINTER

GS SEASONS
WINTER
RT AUTUMN
COLD WEATHER
EQUINOXES
PRESSURE ICE
SOLSTICES
SPRING (SEASON)
SUMMER

WIRE

GS WIRE
ELECTRIC WIRE
EXPLODING WIRES
GUY WIRES
RT BILLETS
CABLES (ROPES)
∞ COILS
CORDAGE
FASTENERS
∞ FILAMENTS
FLAT CONDUCTORS
JUMPERS
REINFORCEMENT (STRUCTURES)
RODS
WIRING

WIRE BRIDGE CIRCUITS

GS CIRCUITS
ELECTRIC BRIDGES
WIRE BRIDGE CIRCUITS
WHEATSTONE BRIDGES
RT ELECTRIC WIRE
EXPLODING WIRES

WIRE CLOTH

UF WIRE MESH
RT FABRICS
REINFORCEMENT (STRUCTURES)
∞ SCREENS
SIEVES

WIRE GRID LENSES

GS LENSES
WIRE GRID LENSES
RETICLES
WIRE GRID LENSES
RT ∞ GRIDS
LENS ANTENNAS
MAGNETIC LENSES
TURNSTILE ANTENNAS

WIRE MESH

USE WIRE CLOTH

WIRE WINDING

GS WINDING
WIRE WINDING
RT MAGNET COILS
WIRING

WIRELESS COMMUNICATION

WIRELESS COMMUNICATION

UF CARRIER SYSTEMS
GS TELECOMMUNICATION
WIRELESS COMMUNICATION
RT AIRCRAFT COMMUNICATION
CLOSED CIRCUIT TELEVISION
COMMUNICATION SATELLITES
DATA LINKS
DATA TRANSMISSION
DIGITAL SPACECRAFT TELEVISION
FACSIMILE COMMUNICATION
OPTICAL COMMUNICATION
RADIO TELEMTRY
SIGNAL TRANSMISSION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TELEMTRY
VOICE COMMUNICATION

WIRING

SN (PROCESS-AS DISTINGUISHED FROM MATERIAL)
UF ELECTRIC WIRING
WIRING SYSTEMS
GS **WIRING**
BEAM LEADS
RT BUNDLES
CIRCUITS
ELECTRICAL INSULATION
FLAT CONDUCTORS
SPlicing
TRANSMISSION LINES
WIRE
WIRE WINDING

WIRING SYSTEMS

USE WIRING

WISCONSIN

GS NATIONS
UNITED STATES
WISCONSIN

WISWESSER NOTATIONS

GS CODING
WISWESSER NOTATIONS
RT ∞CHEMICAL COMPOUNDS
∞CHEMISTRY
CLASSIFICATIONS
IDENTIFYING
MOLECULAR STRUCTURE
∞REFERENCE SYSTEMS

WKB APPROXIMATION

USE WENTZEL-KRAMER-BRILLOUIN METHOD

WOLF-RAYET STARS

UF W-R STARS
GS CELESTIAL BODIES
STARS
HOT STARS
WOLF-RAYET STARS
RT A STARS
ASTROPHYSICS
B STARS
CARBON STARS
CELESTIAL MECHANICS
EJECTA
HELIUM
NITROGEN
O STARS
STELLAR ENVELOPES
STELLAR LUMINOSITY
STELLAR MASS EJECTION
WHITE DWARF STARS

WOLFRAM

USE TUNGSTEN

WOLVES

GS ANIMALS
VERTEBRATES
MAMMALS
WOLVES

WOMEN

USE FEMALES

WOOD

GS **WOOD**
CORK (MATERIALS)
PLYWOOD
RT BALSA
CELLULOSE

WOOD-(CONT)

MASONITE (TRADEMARK)
ORGANIC MATERIALS
PAPER (MATERIAL)
PLANTS (BOTANY)
SLIVERS
TREES (PLANTS)
WOODEN STRUCTURES

WOODEN STRUCTURES

RT PLYWOOD
∞STRUCTURES
WOOD

WOOL

SN (LIMITED TO ANIMAL FIBERS)
GS FABRICS
WOOL
FIBERS
WOOL
RT FELTS
HAIR
KERATINS
ORGANIC MATERIALS
SHEEP
YARNS

WORD PROCESSING

RT COMPUTER TECHNIQUES
DATA PROCESSING
WORDS (LANGUAGE)

WORDS (LANGUAGE)

GS COMMUNICATION THEORY
WORDS (LANGUAGE)
SYLLABLES
LANGUAGES
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
LINGUISTICS
SYNTAX
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
SPEECH
TALKING
WORDS (LANGUAGE)
SYLLABLES
RT CONSONANTS (SPEECH)
CONVERSATION
ENGLISH LANGUAGE
GRAMMARS
MESSAGES
ORTHOGRAPHY
PHONEMES
PHONEMICS
PHONETICS
SEMANTICS
TERMINOLOGY
THESAURI
VERBAL COMMUNICATION
VOICE COMMUNICATION
VOWELS
WORD PROCESSING

WORK

GS **WORK**
PHYSICAL WORK
RT ∞ENERGY
HEAT
HORSEPOWER
KINETIC ENERGY
OCCUPATION
PHYSICAL FACTORS

WORK CAPACITY

RT HYPERKINESIA
ORBITAL WORKERS
PHYSICAL FITNESS
PHYSICAL WORK
WORKLOADS (PSYCHOPHYSIOLOGY)

WORK FUNCTIONS

UF SCHOTTKY EFFECT
RT ELECTRON EMISSION
∞FUNCTIONS
IONIZATION POTENTIALS
PERVEANCE
PHOTOELECTRIC EMISSION
SCHOTTKY DIODES
THERMIONIC EMISSION

WORK HARDENING

GS HARDENING (MATERIALS)

NASA THESAURUS (VOLUME 1)

WORK HARDENING-(CONT)

WORK HARDENING
STRAIN HARDENING
RT COLD HARDENING
MECHANICAL TWINNING
METAL WORKING
PEENING
SHOT PEENING
WORK SOFTENING

WORK SOFTENING

GS SOFTENING
WORK SOFTENING
RT MICROSTRUCTURE
PLASTIC DEFORMATION
WORK HARDENING

WORK-REST CYCLE

GS CYCLES
WORK-REST CYCLE
RT FATIGUE (BIOLOGY)
RELAXATION (PHYSIOLOGY)

WORKHORSE HELICOPTER

USE CH-21 HELICOPTER

WORKING FLUIDS

GS CONSUMABLES (SPACECRAFT)
WORKING FLUIDS
RT FLUID POWER
FLUID TRANSMISSION LINES
∞FLUIDS
HIGH TEMPERATURE FLUIDS
HYDRAULIC FLUIDS
JET CONDENSERS
PHASE CHANGE MATERIALS
TRANSMISSION FLUIDS

WORKLOADS (PSYCHOPHYSIOLOGY)

GS PHYSIOLOGY
PSYCHOPHYSIOLOGY
WORKLOADS (PSYCHOPHYSIOLOGY)
RT FATIGUE (BIOLOGY)
HUMAN PERFORMANCE
MENTAL PERFORMANCE
PHYSICAL WORK
PSYCHOMOTOR PERFORMANCE
STRESS (PSYCHOLOGY)
WORK CAPACITY

WORKSTATIONS

GS STATIONS
WORKSTATIONS
RT HUMAN FACTORS ENGINEERING
MAN MACHINE SYSTEMS
PRODUCTIVITY

WORLD

USE EARTH (PLANET)

WORLD DATA CENTERS

RT ∞CENTERS
∞DATA
DATA RETRIEVAL
DATA STORAGE
INTERNATIONAL GEOPHYSICAL YEAR
LIBRARIES
TRANSOCEANIC SYSTEMS

WORLD METEOROLOGICAL ORGANIZATION

GS ORGANIZATIONS
WORLD METEOROLOGICAL ORGANIZATION
RT INTERNATIONAL COOPERATION
METEOROLOGY
UNITED NATIONS

WORMS

GS ANIMALS
INVERTEBRATES
WORMS
FLATWORMS
RT INFESTATION
LARVAE

WOUND HEALING

GS HEALING
WOUND HEALING
RT INJURIES

WRANGELL MOUNTAINS (AK)

GS LANDFORMS
MOUNTAINS
WRANGELL MOUNTAINS (AK)

NASA THESAURUS (VOLUME 1)

X RAY SPECTROSCOPY

WRANGELL MOUNTAINS (AK)-(CONT)

RT ALASKA

∞ WRAP

SN

(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT

COMPOSITE WRAPPING
PACKAGING

WRAPAROUND CONTACT SOLAR CELLS

USE SOLAR CELLS

WRECKAGE

RT

ACCIDENT INVESTIGATION
ACCIDENTS
CRASHES
SABOTAGE

WRENCHES

GS

TOOLS

WRENCHES

WRINKLING

GS

WRINKLING

RT

FLANGE WRINKLING

BUCKLING
DEFORMATION
DISTORTION
∞ RIDGES

WRIST

GS

ANATOMY
MUSCULOSKELETAL SYSTEM
JOINTS (ANATOMY)

WRIST

RT

ARM (ANATOMY)
HAND (ANATOMY)

WROUGHT ALLOYS

GS

ALLOYS

WROUGHT ALLOYS

RT

RENE 41
RENE 63
RENE 77
WASPALLOY

WU-2 AIRCRAFT

USE

U-2 AIRCRAFT

WURTZITE

GS

CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
WURTZITE
MINERALS
WURTZITE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
WURTZITE
ZINC COMPOUNDS
WURTZITE

WYOMING

GS

NATIONS
UNITED STATES
WYOMING

RT

BIGHORN MOUNTAINS (MT-WY)
BLACK HILLS (SD-WY)
WIND RIVER RANGE (WY)
YELLOWSTONE NATIONAL PARK
(ID-MT-WY)

W2F AIRCRAFT

USE

E-2 AIRCRAFT

X

X BAND

USE

SUPERHIGH FREQUENCIES

X MESONS

GS

PARTICLES
ELEMENTARY PARTICLES
BOSONS
MESONS
MESON RESONANCE
X MESONS

X MESONS-(CONT)

NUCLEAR PARTICLES

BOSONS

MESONS

MESON RESONANCE

X MESONS

RESONANCE

MESON RESONANCE

X MESONS

X RAY ABSORPTION

GS

ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
X RAY ABSORPTION

RADIATION ABSORPTION

ELECTROMAGNETIC ABSORPTION

X RAY ABSORPTION

RT

∞ ABSORPTION
ELECTRON SPECTROSCOPY

X RAY ANALYSIS

GS

X RAY ANALYSIS
LAUE METHOD

RT

∞ ANALYZING
CHEMICAL ANALYSIS
CRYSTALLOGRAPHY
DEFECTS
FLUOROSCOPY
LATTICE PARAMETERS
∞ MATERIALS TESTS
MICROANALYSIS
MICROBEAMS
RADIOGRAPHY
RADIOLOGY
STEREOCHEMISTRY
STRESS ANALYSIS
TOMOGRAPHY

X RAY APPARATUS

GS

MEDICAL EQUIPMENT

X RAY APPARATUS

LIXISCOPES

X RAY TUBES

RT

∞ EQUIPMENT
RADIOGRAPHY

X RAY ASTRONOMY

GS

ASTRONOMY

X RAY ASTRONOMY

X RAY SOURCES

X RAY BINARIES

RT

COSMIC X RAYS
EXOSAT SATELLITE
EXTARS
GAMMA RAY ASTRONOMY
GAMMA RAY BURSTS
LIXISCOPES
RADIOGRAPHY
ROSAT MISSION
SAS-3
UHURU SATELLITE
ULTRAVIOLET TELESCOPES

X RAY ASTROPHYSICS FACILITY

UF

ADVANCED X RAY ASTROPHYSICAL

FACILITY

ADVANCED X RAY ASTROPHYSICS

FACILITY

GS

AXAF

PAYLOADS

SPACE SHUTTLE PAYLOADS

X RAY ASTROPHYSICS FACILITY

RT

ASTROPHYSICS
∞ FACILITIES
SPACEBORNE EXPERIMENTS
TELESCOPES

X RAY BINARIES

GS

ASTRONOMY

X RAY ASTRONOMY

X RAY SOURCES

X RAY BINARIES

RT

ACCRETION DISKS
ASTROPHYSICS
BLACK HOLES (ASTRONOMY)
COMPANION STARS
COSMIC X RAYS
ECLIPSING BINARY STARS
EXTARS
NEUTRON STARS
STELLAR MASS ACCRETION
X RAYS

X RAY DENSITY MEASUREMENT

GS

DENSITY MEASUREMENT

X RAY DENSITY MEASUREMENT-(CONT)

RT

X RAY DENSITY MEASUREMENT
FLUX DENSITY

X RAY DIFFRACTION

GS

DIFFRACTION

RT

X RAY DIFFRACTION
CRYSTALLOGRAPHY
ELECTRON DIFFRACTION
LAUE METHOD
METALLOGRAPHY
RADIOGRAPHY

X RAY FLUORESCENCE

GS

DECAY

EMISSION

LIGHT EMISSION

LUMINESCENCE

FLUORESCENCE

X RAY FLUORESCENCE

PHOTOLUMINESCENCE

X RAY FLUORESCENCE

RT

RADIOGRAPHY

X RAY IMAGERY

GS

IMAGERY

RT

X RAY IMAGERY
IMAGING TECHNIQUES
INFRARED IMAGERY
LIXISCOPES
MICROWAVE IMAGERY
RADAR IMAGERY
RADIOGRAPHY

X RAY INSPECTION

GS

INSPECTION

RT

X RAY INSPECTION
NONDESTRUCTIVE TESTS
RADIOGRAPHY
∞ TESTS

X RAY IRRADIATION

GS

IRRADIATION

X RAY IRRADIATION

X RAY LASERS

GS

STIMULATED EMISSION DEVICES
LASERS

RT

X RAY LASERS
ELECTRON TRANSITIONS
LASER OUTPUTS

X RAY SCATTERING

GS

SCATTERING

WAVE SCATTERING

ELECTROMAGNETIC SCATTERING

X RAY SCATTERING

RT

FORM FACTORS

X RAY SOURCES

GS

ASTRONOMY

X RAY ASTRONOMY

X RAY SOURCES

X RAY BINARIES

RT

EXOSAT SATELLITE
EXTARS
∞ RADIATION
ROSAT MISSION

X RAY SPECTRA

GS

SPECTRA

RADIATION SPECTRA

ELECTROMAGNETIC SPECTRA

X RAY SPECTRA

RT

NORTH POLAR SPUR (ASTRONOMY)
QUASARS
SOLAR SPECTRA
STELLAR SPECTRA

X RAY SPECTROGRAPHY

USE

X RAY SPECTROSCOPY

X RAY SPECTROMETRY

USE

X RAY SPECTROSCOPY

X RAY SPECTROPOLARIMETRY PAYLOAD

USE

EXPOS (SPACELAB PAYLOAD)

X RAY SPECTROSCOPY

UF

X RAY SPECTROGRAPHY

X RAY SPECTROMETRY

GS

SPECTROSCOPY

X RAY SPECTROSCOPY

RT

ASTRONOMICAL SPECTROSCOPY

X RAY STRESS ANALYSIS**X RAY SPECTROSCOPY-(CONT)**

∞ MATERIALS TESTS
MOLECULAR SPECTROSCOPY
RADIO SPECTROSCOPY
RADIOGRAPHY
SPECTROSCOPIC ANALYSIS
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY

X RAY STRESS ANALYSIS

GS STRESS ANALYSIS
RT **X RAY STRESS ANALYSIS**
STRESSES
TEMPERATURE INVERSIONS

X RAY STRESS MEASUREMENT

GS MECHANICAL MEASUREMENT
STRESS MEASUREMENT
X RAY STRESS MEASUREMENT

X RAY TELESCOPES

GS OPTICAL EQUIPMENT
ASTRONOMICAL TELESCOPES
X RAY TELESCOPES
TELESCOPES
ASTRONOMICAL TELESCOPES
X RAY TELESCOPES
RT EXTARS
RADIOGRAPHY
ROSAT MISSION

X RAY TIMING EXPLORER

GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
X RAY TIMING EXPLORER

X RAY TUBES

GS MEDICAL EQUIPMENT
X RAY APPARATUS
X RAY TUBES
RT ELECTRON TUBES
RADIOGRAPHY

X RAYS

GS ELECTROMAGNETIC RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
IONIZING RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
RT AURORAS
BLACKOUT (PROPAGATION)
BREMSSTRAHLUNG
COSMIC RAYS
EMISSION SPECTRA
EXTARS
EXTRATERRESTRIAL RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAYS
MONOCHROMATIC RADIATION
RADIOGRAPHY
RADIOLOGY
SYNCHROTRON RADIATION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
X RAY BINARIES

X WING ROTORS

GS ROTATING BODIES
ROTORS
ROTARY WINGS
X WING ROTORS
RT CIRCULATION CONTROL ROTORS
∞ ROTOR BLADES
WINGS

X-Y PLOTTERS

GS RECORDING INSTRUMENTS
PLOTTERS
X-Y PLOTTERS
RT DIGITAL TO ANALOG CONVERTERS

X-1 AIRCRAFT

GS BELL AIRCRAFT
X-1 AIRCRAFT
MONOPLANES
X-1 AIRCRAFT
RESEARCH AIRCRAFT
X-1 AIRCRAFT
SUPERSONIC AIRCRAFT
X-1 AIRCRAFT

X-1 AIRCRAFT-(CONT)

RT ∞ AIRCRAFT
ROCKET VEHICLES

X-2 AIRCRAFT

GS BELL AIRCRAFT
X-2 AIRCRAFT
MONOPLANES
X-2 AIRCRAFT
RESEARCH AIRCRAFT
X-2 AIRCRAFT
SUPERSONIC AIRCRAFT
X-2 AIRCRAFT
RT ∞ AIRCRAFT
ROCKET VEHICLES

X-3 AIRCRAFT

GS JET AIRCRAFT
X-3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
X-3 AIRCRAFT
MONOPLANES
X-3 AIRCRAFT
RESEARCH AIRCRAFT
X-3 AIRCRAFT
SUPERSONIC AIRCRAFT
X-3 AIRCRAFT
RT ∞ AIRCRAFT

X-5 AIRCRAFT

GS BELL AIRCRAFT
X-5 AIRCRAFT
JET AIRCRAFT
X-5 AIRCRAFT
MONOPLANES
X-5 AIRCRAFT
RESEARCH AIRCRAFT
X-5 AIRCRAFT
RT ∞ AIRCRAFT

X-13 AIRCRAFT

GS JET AIRCRAFT
X-13 AIRCRAFT
MONOPLANES
X-13 AIRCRAFT
RESEARCH AIRCRAFT
X-13 AIRCRAFT
RYAN AIRCRAFT
X-13 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-13 AIRCRAFT
RT ∞ AIRCRAFT

X-14 AIRCRAFT

GS BELL AIRCRAFT
X-14 AIRCRAFT
JET AIRCRAFT
X-14 AIRCRAFT
MONOPLANES
X-14 AIRCRAFT
RESEARCH AIRCRAFT
X-14 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-14 AIRCRAFT
RT ∞ AIRCRAFT

X-15 AIRCRAFT

GS NORTH AMERICAN AIRCRAFT
X-15 AIRCRAFT
RESEARCH AIRCRAFT
X-15 AIRCRAFT
SUPERSONIC AIRCRAFT
X-15 AIRCRAFT
RT ∞ AIRCRAFT
LR-99 ENGINE
ROCKET VEHICLES
XLR-99 ENGINE

X-17 REENTRY VEHICLE

GS REENTRY VEHICLES
X-17 REENTRY VEHICLE
RT ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

X-19 AIRCRAFT

GS CURTISS-WRIGHT AIRCRAFT
X-19 AIRCRAFT
RESEARCH AIRCRAFT
X-19 AIRCRAFT
TANDEM WING AIRCRAFT
X-19 AIRCRAFT
V/STOL AIRCRAFT

NASA THESAURUS (VOLUME 1)**X-19 AIRCRAFT-(CONT)**

VERTICAL TAKEOFF AIRCRAFT
X-19 AIRCRAFT
RT ∞ AIRCRAFT

X-20 AIRCRAFT

UF DYNA-SOAR SPACE GLIDER
GS BOEING AIRCRAFT
X-20 AIRCRAFT
GLIDERS
BOOSTGLIDE VEHICLES
X-20 AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
LIFTING REENTRY VEHICLES
X-20 AIRCRAFT
LIFTING BODIES
LIFTING REENTRY VEHICLES
X-20 AIRCRAFT
MANEUVERABLE SPACECRAFT
LIFTING REENTRY VEHICLES
X-20 AIRCRAFT
REENTRY VEHICLES
BOOSTGLIDE VEHICLES
X-20 AIRCRAFT
LIFTING REENTRY VEHICLES
X-20 AIRCRAFT
RESEARCH AIRCRAFT
X-20 AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASTROPLANE
MANNED SPACECRAFT
SOFT LANDING SPACECRAFT

X-21 AIRCRAFT

GS JET AIRCRAFT
X-21 AIRCRAFT
MONOPLANES
X-21 AIRCRAFT
NORTHROP AIRCRAFT
X-21 AIRCRAFT
RESEARCH AIRCRAFT
X-21 AIRCRAFT
RT ∞ AIRCRAFT
BOUNDARY LAYER CONTROL
LAMINAR BOUNDARY LAYER

X-21A AIRCRAFT

GS JET AIRCRAFT
X-21A AIRCRAFT
MONOPLANES
X-21A AIRCRAFT
NORTHROP AIRCRAFT
X-21A AIRCRAFT
RESEARCH AIRCRAFT
X-21A AIRCRAFT
RT ∞ AIRCRAFT
LAMINAR FLOW

X-22 AIRCRAFT

GS BELL AIRCRAFT
X-22 AIRCRAFT
RESEARCH AIRCRAFT
X-22 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-22 AIRCRAFT
RT ∞ AIRCRAFT
TANDEM WING AIRCRAFT
TILT WING AIRCRAFT

X-22A AIRCRAFT

GS RESEARCH AIRCRAFT
X-22A AIRCRAFT
TANDEM WING AIRCRAFT
X-22A AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-22A AIRCRAFT
RT ∞ AIRCRAFT

X-24 AIRCRAFT

GS LIFTING BODIES
LIFTING REENTRY VEHICLES
X-24 AIRCRAFT
RESEARCH AIRCRAFT
X-24 AIRCRAFT
RT ∞ AIRCRAFT

X-29 AIRCRAFT

RT ∞ AIRCRAFT
SWEPT FORWARD WINGS

X-248 ENGINE

UF ALTAIR ENGINE
GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
X-248 ENGINE
RT BLUE SCOUT ROCKET VEHICLE
SCOUT LAUNCH VEHICLE
VANGUARD 2 LAUNCH VEHICLE

X-254 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
X-254 ENGINE
RT ANTARES ROCKET VEHICLE
BLUE SCOUT ROCKET VEHICLE
SCOUT LAUNCH VEHICLE

X-258 ENGINES

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
X-258 ENGINES
X-258-B1 ENGINE
RT SCOUT LAUNCH VEHICLE

X-258-B1 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
X-258-B1 ENGINE

X-259 ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
X-259 ENGINE
RT SCOUT LAUNCH VEHICLE

X-405 ENGINE

GS ENGINES
ROCKET ENGINES
BOOSTER ROCKET ENGINES
X-405 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
X-405 ENGINE
RT VANGUARD PROJECT

XANTHIC ACIDS

GS ACIDS
RT **XANTHIC ACIDS**
ORGANIC LIQUIDS

XANTHINES

GS FUNGICIDES
XANTHINES
GUANINES
URIC ACID
HETEROCYCLIC COMPOUNDS
XANTHINES
CAFFEINE
GUANINES
URIC ACID
NITROGEN COMPOUNDS
XANTHINES
CAFFEINE
GUANINES
URIC ACID
PURINES
XANTHINES
CAFFEINE
GUANINES
URIC ACID

XB-47 AIRCRAFT

USE B-47 AIRCRAFT

XB-70 AIRCRAFT

USE B-70 AIRCRAFT

XBQM-180A AIRCRAFT

USE VATOL AIRCRAFT

XC-142 AIRCRAFT

UF C-142 AIRCRAFT
GS FAIRCHILD-HILLER AIRCRAFT
XC-142 AIRCRAFT
JET AIRCRAFT
XC-142 AIRCRAFT
LING-TEMCO-VOUGHT AIRCRAFT
XC-142 AIRCRAFT
MONOPLANES
XC-142 AIRCRAFT
RYAN AIRCRAFT
XC-142 AIRCRAFT
TILT WING AIRCRAFT
XC-142 AIRCRAFT
TRANSPORT AIRCRAFT
XC-142 AIRCRAFT
RT ∞ AIRCRAFT
TURBOPROP ENGINES

XENON

GS CHEMICAL ELEMENTS
RARE GASES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
GASES
RARE GASES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135

XENON CHLORIDE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
XENON CHLORIDE LASERS
RARE GAS-HALIDE LASERS
XENON CHLORIDE LASERS
RT ELECTRON TRANSITIONS
EXCIMER LASERS
LASER MATERIALS
LASER OUTPUTS
ULTRAVIOLET LASERS

XENON COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
∞ RARE GAS COMPOUNDS

XENON FLUORIDE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
XENON FLUORIDE LASERS
RARE GAS-HALIDE LASERS
XENON FLUORIDE LASERS
RT ELECTRON TRANSITIONS
EXCIMER LASERS
LASER MATERIALS
LASER OUTPUTS

XENON ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
RARE GASES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
GASES
RARE GASES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135

XENON LAMPS

GS LIGHTING EQUIPMENT
LUMINAIRES
XENON LAMPS
RT ARC LAMPS
FLASH LAMPS
INFRARED RADIATION
MERCURY LAMPS

XENON 129

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
XENON ISOTOPES
XENON 129
RARE GASES
XENON
XENON ISOTOPES
XENON 129
GASES
RARE GASES
XENON
XENON ISOTOPES
XENON 129

XENON 133

GS CHEMICAL ELEMENTS
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RADIOACTIVE ISOTOPES
XENON 133
XENON ISOTOPES
XENON 133
RARE GASES
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XENON ISOTOPES
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RARE GASES
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XENON 135

GS CHEMICAL ELEMENTS
NUCLIDES
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RADIOACTIVE ISOTOPES
XENON 135
XENON ISOTOPES
XENON 135
RARE GASES
XENON
XENON ISOTOPES
XENON 135
GASES
RARE GASES
XENON
XENON ISOTOPES
XENON 135

XEROGRAPHY

GS IMAGERY
REPRODUCTION (COPYING)
XEROGRAPHY
RT ELECTROSTATIC CHARGE
PHOTOGRAPHS
PHOTOGRAPHY

XH-51 HELICOPTER

UF AEROGYRO HELICOPTERS
CL-595 HELICOPTER
H-51 HELICOPTER
LOCKHEED CL-595 HELICOPTER
LOCKHEED 186 HELICOPTER
LOCKHEED AIRCRAFT
XH-51 HELICOPTER
RESEARCH AIRCRAFT
XH-51 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
RIGID ROTOR HELICOPTERS
XH-51 HELICOPTER

XI HYPERONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
XI HYPERONS
FERMIONS
BARYONS
HYPERONS
XI HYPERONS
NUCLEAR PARTICLES
BOSONS
XI HYPERONS

XJ-34-WE-32 ENGINE

USE J-34 ENGINE

XJ-79-GE-1 ENGINE

USE J-79 ENGINE

XLR-91-AJ-5 ENGINE

XLR-91-AJ-5 ENGINE
USE LR-91-AJ-5 ENGINE

XLR-99 ENGINE
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
XLR-99 ENGINE
RT X-15 AIRCRAFT

XM-6 SQUIB
USE SQUIBS

XM-8 SQUIB
USE SQUIBS

XM-33 ENGINE
UF TX-33-39 ENGINE
GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE
RT BLUE SCOUT ROCKET VEHICLE
EXOS SOUNDING ROCKET
LITTLE JOE 2 LAUNCH VEHICLE
POLARIS MISSILES
SCOUT LAUNCH VEHICLE
TX-354 ENGINE

XV-3 AIRCRAFT
UF V-3 AIRCRAFT
GS BELL AIRCRAFT
XV-3 AIRCRAFT
V/STOL AIRCRAFT
XV-3 AIRCRAFT
RT ∞ AIRCRAFT
TILTING ROTORS

XV-4 AIRCRAFT
UF HUMMINGBIRD AIRCRAFT
LOCKHEED XV-4A AIRCRAFT
V-4 AIRCRAFT
VZ-10 AIRCRAFT
GS JET AIRCRAFT
XV-4 AIRCRAFT
LOCKHEED AIRCRAFT
XV-4 AIRCRAFT
MONOPLANES
XV-4 AIRCRAFT
RESEARCH AIRCRAFT
XV-4 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
XV-4 AIRCRAFT
RT ∞ AIRCRAFT

XV-5 AIRCRAFT
UF V-5 AIRCRAFT
VZ-11 AIRCRAFT
XV-5A AIRCRAFT
GS FAN IN WING AIRCRAFT
XV-5 AIRCRAFT
JET AIRCRAFT
XV-5 AIRCRAFT
MONOPLANES
XV-5 AIRCRAFT
RESEARCH AIRCRAFT
XV-5 AIRCRAFT
RYAN AIRCRAFT
XV-5 AIRCRAFT
V/STOL AIRCRAFT
XV-5 AIRCRAFT
RT ∞ AIRCRAFT

XV-5A AIRCRAFT
USE XV-5 AIRCRAFT

XV-6A AIRCRAFT
USE P-1127 AIRCRAFT

XV-8A AIRCRAFT
GS RESEARCH AIRCRAFT
XV-8A AIRCRAFT
RYAN AIRCRAFT
XV-8A AIRCRAFT
UTILITY AIRCRAFT
XV-8A AIRCRAFT
V/STOL AIRCRAFT
XV-8A AIRCRAFT
RT ∞ AIRCRAFT
FLEXIBLE WINGS

XV-9A AIRCRAFT
UF V-9 AIRCRAFT
GS HUGHES AIRCRAFT
XV-9A AIRCRAFT
JET AIRCRAFT
XV-9A AIRCRAFT
RESEARCH AIRCRAFT
XV-9A AIRCRAFT
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
XV-9A AIRCRAFT
RT ∞ AIRCRAFT
TIP DRIVEN ROTORS

XV-11A AIRCRAFT
GS RESEARCH AIRCRAFT
XV-11A AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
XV-11A AIRCRAFT
RT ∞ AIRCRAFT
LIFT FANS
SHROUDED PROPELLERS

XV-15 AIRCRAFT
GS BELL AIRCRAFT
XV-15 AIRCRAFT
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
TILT ROTOR AIRCRAFT
XV-15 AIRCRAFT
RT ∞ AIRCRAFT
HELICOPTERS
TILT ROTOR RESEARCH AIRCRAFT PROGRAM

XYLENE
GS HYDROCARBONS
XYLENE
RT TOLUENE

XYLOSE
GS ALIPHATIC COMPOUNDS
SUGARS
MONOSACCHARIDES
XYLOSE
PENTOSE
XYLOSE
CARBOHYDRATES
SUGARS
MONOSACCHARIDES
XYLOSE
PENTOSE
XYLOSE

Y

YAG (GARNET)
USE YTTRIUM-ALUMINUM GARNET

YAG LASERS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SOLID STATE LASERS
YAG LASERS
STIMULATED EMISSION DEVICES
LASERS
SOLID STATE LASERS
YAG LASERS
RT LASER HEATING
LASER MATERIALS
LASER OUTPUTS

YAGI ANTENNAS
GS ANTENNAS
DIRECTIONAL ANTENNAS
YAGI ANTENNAS
ARRAYS
ANTENNA ARRAYS
LINEAR ARRAYS
ENDFIRE ARRAYS
YAGI ANTENNAS
RT ANTENNA DESIGN
DIPOLE ANTENNAS
DIRECTORS (ANTENNA ELEMENTS)
WAVEGUIDE ANTENNAS

YAK 40 AIRCRAFT
GS GENERAL AVIATION AIRCRAFT
YAK 40 AIRCRAFT

NASA THESAURUS (VOLUME 1)

YAK 40 AIRCRAFT-(CONT)
JET AIRCRAFT
YAK 40 AIRCRAFT
LIGHT AIRCRAFT
YAK 40 AIRCRAFT
PASSENGER AIRCRAFT
YAK 40 AIRCRAFT
RT ∞ AIRCRAFT

YANG-MILLS FIELDS
RT ELECTROMAGNETIC FIELDS
FIELD THEORY (PHYSICS)
GAUGE THEORY
GRAVITATIONAL FIELDS
PERTURBATION THEORY
YANG-MILLS THEORY

YANG-MILLS THEORY
RT FIELD THEORY (PHYSICS)
GAUGE THEORY
PERTURBATION THEORY
SPACE-TIME FUNCTIONS
STATISTICAL ANALYSIS
THEORETICAL PHYSICS
∞ THEORIES
YANG-MILLS FIELDS

YARNS
RT CORDAGE
COTTON
FIBERS
∞ ROVINGS
STRANDS
WOOL

YAW
UF DAMPING IN YAW
FISHTAILING
YAWMETERS
GS ATTITUDE (INCLINATION)
YAW
RT AERODYNAMIC STABILITY
DIRECTIONAL CONTROL
DIRECTIONAL STABILITY
LATERAL OSCILLATION
∞ MOTION
PITCH (INCLINATION)
ROLL
ROTATION
SIDESLIP
SKIDDING
TURNING FLIGHT
YAWING MOMENTS

YAWING MOMENTS
GS MOMENTS
STABILITY DERIVATIVES
YAWING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LATERAL OSCILLATION
MOMENTS OF INERTIA
PITCHING MOMENTS
ROLLING MOMENTS
TORQUE
YAW

YAWMETERS
USE ATTITUDE INDICATORS
YAW

YC-14 AIRCRAFT
GS TRANSPORT AIRCRAFT
CARGO AIRCRAFT
YC-14 AIRCRAFT
RT ∞ AIRCRAFT
BOEING AIRCRAFT
∞ MILITARY AIRCRAFT

YC-15 AIRCRAFT
USE C-15 AIRCRAFT

YC-123 AIRCRAFT
USE C-123 AIRCRAFT

YEAST
GS FUNGI
YEAST
RT ∞ FOOD

YELLOWSTONE NATIONAL PARK (ID-MT-WY)
GS LAND
PARKS
NATIONAL PARKS

NASA THESAURUS (VOLUME 1)

YUKON TERRITORY

YELLOWSTONE NATIONAL PARK-(CONT) YELLOWSTONE NATIONAL PARK (ID-MT-WY)

RT IDAHO
MONTANA
WYOMING

YEMEN
GS NATIONS
YEMEN
RT ASIA

YF-12 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
YF-12 AIRCRAFT
RT ∞ AIRCRAFT
AIRCRAFT DESIGN
∞ INTERCEPTORS
JET AIRCRAFT
∞ MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT

YF-16 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
YF-16 AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT

YF-17 AIRCRAFT
USE F-17 AIRCRAFT

YF-102 AIRCRAFT
USE F-102 AIRCRAFT

YHU-1 HELICOPTER
USE UH-1 HELICOPTER

YIELD
RT LOSSES
OUTPUT

YIELD POINT
UF DAMAGE THRESHOLD
LUDER BANDS
GS MECHANICAL PROPERTIES
PLASTIC PROPERTIES
YIELD POINT
RT MICROYIELD STRENGTH
TRESCA FLOW

YIELD STRENGTH
GS MECHANICAL PROPERTIES
YIELD STRENGTH
MICROYIELD STRENGTH
RT ELASTIC PROPERTIES
FRACTURE STRENGTH
HIGH STRENGTH
J INTEGRAL
PLASTIC DEFORMATION
∞ STRENGTH
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRESSES
TEMPERATURE INVERSIONS

YIG (GARNET)
USE YTTRIUM-IRON GARNET

YJ-73-GE-3 ENGINE
USE J-73 ENGINE

YJ-79 ENGINE
USE J-79 ENGINE

YJ-85 ENGINE
USE J-85 ENGINE

YJ-93 ENGINE
USE J-93 ENGINE

YJ-93-GE-3 ENGINE
USE J-93 ENGINE

YJ73 TURBOJET ENGINE
USE J-73 ENGINE

YLR-91-AJ-1 ENGINE
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES

YLR-91-AJ-1 ENGINE-(CONT)
YLR-91-AJ-1 ENGINE
RT TITAN ICBM

YLR-99-RM-1 ENGINE
USE LR-99 ENGINE

YO-YO DEVICES
RT ANGULAR ACCELERATION
GYROSCOPIC STABILITY
SATELLITE ROTATION
SPIN
SPIN REDUCTION

YOKES
RT BEAM WAVEGUIDES
CONNECTORS
COUPLERS
COUPLES
DEFLECTION
DIRECTIONAL COUPLERS
FERROMAGNETIC MATERIALS
∞ JOINING
LINKAGES
MAGNET COILS

YOUNG MODULUS
USE MODULUS OF ELASTICITY

YOUNG-HELMHOLTZ THEORY
RT COLOR VISION
PHOTORECEPTORS
∞ THEORIES

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RT GROWTH
HUMAN BEINGS

YS-11 AIRCRAFT
UF NIHON YS-11 AIRCRAFT
GS JET AIRCRAFT
TURBOPROP AIRCRAFT
YS-11 AIRCRAFT
MONOPLANES
YS-11 AIRCRAFT
NIHON AIRCRAFT
YS-11 AIRCRAFT
PASSENGER AIRCRAFT
YS-11 AIRCRAFT
TRANSPORT AIRCRAFT
YS-11 AIRCRAFT

YT-2 AIRCRAFT
USE T-2 AIRCRAFT

YTTERBIUM
GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
YTTERBIUM
YTTERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
YTTERBIUM
YTTERBIUM ISOTOPES

YTTERBIUM COMPOUNDS
GS RARE EARTH COMPOUNDS
YTTERBIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

YTTERBIUM ISOTOPES
GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
YTTERBIUM
YTTERBIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
YTTERBIUM
YTTERBIUM ISOTOPES

YTTRIUM
GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
YTTRIUM
YTTRIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
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YTTRIUM ISOTOPES
TRANSITION METALS
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YTTRIUM ISOTOPES

YTTRIUM ALLOYS
GS ALLOYS
YTTRIUM ALLOYS
RT RARE EARTH ALLOYS

YTTRIUM COMPOUNDS
GS YTTRIUM COMPOUNDS
YTTRIUM OXIDES
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3B COMPOUNDS
∞ METAL COMPOUNDS

YTTRIUM ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
YTTRIUM ISOTOPES
RARE EARTH ELEMENTS
YTTRIUM
YTTRIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
YTTRIUM
YTTRIUM ISOTOPES
TRANSITION METALS
YTTRIUM
YTTRIUM ISOTOPES

YTTRIUM OXIDES
GS CHALCOGENIDES
OXIDES
METAL OXIDES
YTTRIUM OXIDES
YTTRIUM COMPOUNDS
YTTRIUM OXIDES

YTTRIUM-ALUMINUM GARNET
UF YAG (GARNET)
GS SILICON COMPOUNDS
SILICATES
GARNETS
YTTRIUM-ALUMINUM GARNET
YTTRIUM COMPOUNDS
YTTRIUM-ALUMINUM GARNET
RT FERRITES
MAGNETOSTATIC AMPLIFIERS
MINERALS

YTTRIUM-IRON GARNET
UF YIG (GARNET)
GS SILICON COMPOUNDS
SILICATES
GARNETS
YTTRIUM-IRON GARNET
YTTRIUM COMPOUNDS
YTTRIUM-IRON GARNET
RT FERRITES
MAGNETOSTATIC AMPLIFIERS
MINERALS
WAVEGUIDE TUNERS

YUGOSLAVIA
GS NATIONS
YUGOSLAVIA
RT ADRIATIC SEA
EUROPE

YUH-1 HELICOPTER
USE UH-1 HELICOPTER

YUH-60A HELICOPTER
USE UH-60A HELICOPTER

YUH-61A HELICOPTER
USE UH-61A HELICOPTER

YUKAWA POTENTIAL
RT MESON-NUCLEON INTERACTIONS
∞ POTENTIAL

YUKON AIRCRAFT
USE CL-44 AIRCRAFT

YUKON TERRITORY
GS NATIONS
CANADA
YUKON TERRITORY

Z-37 AIRCRAFT

Z

Z-37 AIRCRAFT

UF OMNIPOL Z-37 AIRCRAFT
GS MONOPLANES
Z-37 AIRCRAFT
UTILITY AIRCRAFT
Z-37 AIRCRAFT

ZAIRE

UF BELGIAN CONGO
GS CONGO (KINSHASA)
NATIONS
ZAIRE
RT AFRICA

ZAMBIA

GS NATIONS
ZAMBIA
RT AFRICA

ZEEMAN EFFECT

RT ∞ EFFECTS
MAGNETIC FIELDS
SPECTROSCOPY
SPECTRUM ANALYSIS
STARK EFFECT
VOIGT EFFECT

ZENER DIODES

USE AVALANCHE DIODES

ZENER EFFECT

RT BARRIER LAYERS
CARRIER DENSITY (SOLID STATE)
 ∞ CARRIERS
 ∞ EFFECTS
ELECTRIC DISCHARGES
FIELD EMISSION

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RT ANTIPODES
APEXES
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MAXIMA
NOON
SOLAR POSITION

ZEOLITES

GS SILICON COMPOUNDS
SILICATES
ZEOLITES
RT ION EXCHANGE RESINS
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ZERO ANGLE OF ATTACK

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
ANGLE OF ATTACK
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ZERO CROSSINGS

USE ROOTS OF EQUATIONS

ZERO FORCE CURVES

RT CURVATURE
 ∞ CURVES
 ∞ FORCE

ZERO GRAVITY

USE WEIGHTLESSNESS

ZERO LIFT

GS AERODYNAMIC CHARACTERISTICS
LIFT
ZERO LIFT
AERODYNAMIC FORCES
LIFT
ZERO LIFT
DYNAMIC CHARACTERISTICS
LIFT
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RT AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
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RT ABSOLUTE ZERO
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THERMODYNAMIC PROPERTIES

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GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
HEAVY WATER REACTORS
ZERO POWER REACTOR 2
ZERO POWER REACTORS
ZERO POWER REACTOR 2
NUCLEAR RESEARCH AND TEST
REACTORS
ZERO POWER REACTOR 2

ZERO POWER REACTOR 3

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 3
NUCLEAR RESEARCH AND TEST
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ZERO POWER REACTOR 3

ZERO POWER REACTOR 6

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 6
NUCLEAR RESEARCH AND TEST
REACTORS
ZERO POWER REACTOR 6

ZERO POWER REACTOR 9

GS NUCLEAR REACTORS
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ZERO POWER REACTOR 9
NUCLEAR RESEARCH AND TEST
REACTORS
ZERO POWER REACTOR 9

ZERO POWER REACTORS

UF ZPR REACTORS
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 2
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 9

ZERO SOUND

GS ACOUSTIC PROPERTIES
SOUND INTENSITY
ZERO SOUND
RATES (PER TIME)
FLUX DENSITY
SOUND INTENSITY
ZERO SOUND
RT ACOUSTIC ATTENUATION
ACOUSTICS
ANECHOIC CHAMBERS
REFLECTION
SILENCERS
SUBAUDIBLE FREQUENCIES

ZERO-G ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)

ZETA AURIGAE STAR

GS CELESTIAL BODIES
STARS
ZETA AURIGAE STAR
RT AURIGA CONSTELLATION

ZETA PINCH

GS PINCH EFFECT
PLASMA PINCH
ZETA PINCH
RT CONTROLLED FUSION
MAGNETOHYDRODYNAMIC STABILITY
PLASMA COMPRESSION
PLASMA CONTROL
PLASMA ELECTRODES
PLASMA FOCUS
Q DEVICES
ROTATING PLASMAS
SCREW PINCH
THETA PINCH

NASA THESAURUS (VOLUME 1)

ZETA THERMONUCLEAR REACTOR

RT PINCH EFFECT
THERMONUCLEAR POWER GENERATION
THERMONUCLEAR REACTIONS

ZEUS MISSILE

USE NIKE-ZEUS MISSILE

ZIEGLER CATALYST

GS CATALYSTS
ZIEGLER CATALYST
RT POLYMERIZATION

ZIMBABWE

UF RHODESIA
GS NATIONS
ZIMBABWE
RT AFRICA

ZINC

GS CHEMICAL ELEMENTS
ZINC
ZINC ISOTOPES
METALS
TRANSITION METALS
ZINC
ZINC ISOTOPES

ZINC ALLOYS

GS ALLOYS
ZINC ALLOYS
RT BEARING ALLOYS
SOLDERS

ZINC ANTIMONIDES

GS ANTIMONY COMPOUNDS
ANTIMONIDES
ZINC ANTIMONIDES
ZINC COMPOUNDS
ZINC ANTIMONIDES

ZINC CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
ZINC CHLORIDES
HALIDES
CHLORIDES
ZINC CHLORIDES
METAL HALIDES
ZINC CHLORIDES
ZINC COMPOUNDS
ZINC CHLORIDES

ZINC COATINGS

UF GALVANIZING
GS COATINGS
METAL COATINGS
ZINC COATINGS
METALS
METAL COATINGS
ZINC COATINGS
RT PROTECTIVE COATINGS

ZINC COMPOUNDS

GS ZINC COMPOUNDS
WURTZITE
ZINC ANTIMONIDES
ZINC CHLORIDES
ZINC FLUORIDES
ZINC OXIDES
ZINC SELENIDES
ZINC SULFIDES
ZINCBLLENDE
ZINC TELLURIDES
ZINC TUNGSTATES
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 28 COMPOUNDS
 ∞ METAL COMPOUNDS

ZINC FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
ZINC FLUORIDES
HALIDES
METAL HALIDES
ZINC FLUORIDES
ZINC COMPOUNDS
ZINC FLUORIDES

ZINC ISOTOPES

GS CHEMICAL ELEMENTS

ZINC ISOTOPES-(CONT)

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ZINC ISOTOPES
ZINC
ZINC ISOTOPES
METALS
TRANSITION METALS
ZINC
ZINC ISOTOPES

ZINC NICKEL BATTERIES

USE NICKEL ZINC BATTERIES

ZINC OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
ZINC OXIDES
ZINC COMPOUNDS
ZINC OXIDES

ZINC SELENIDES

GS CHALCOGENIDES
SELENIDES
ZINC SELENIDES
SELENIUM COMPOUNDS
SELENIDES
ZINC SELENIDES
ZINC COMPOUNDS
ZINC SELENIDES
RT SCHOTTKY DIODES

ZINC SILVER BATTERIES

USE SILVER ZINC BATTERIES

ZINC SILVER OXIDE BATTERIES

USE SILVER ZINC BATTERIES

ZINC SULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
WURTZITE
ZINCBLLENDE
ZINC COMPOUNDS
ZINC SULFIDES
ZINCBLLENDE

ZINC TELLURIDES

GS CHALCOGENIDES
TELLURIDES
ZINC TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
ZINC TELLURIDES
ZINC COMPOUNDS
ZINC TELLURIDES

ZINC TUNGSTATES

GS TUNGSTEN COMPOUNDS
TUNGSTATES
ZINC TUNGSTATES
ZINC COMPOUNDS
ZINC TUNGSTATES

ZINC-BROMIDE BATTERIES

GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
ZINC-BROMIDE BATTERIES
RT ZINC-CHLORINE BATTERIES

ZINC-CHLORINE BATTERIES

GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
ZINC-CHLORINE BATTERIES
RT ZINC-BROMIDE BATTERIES

ZINC-OXYGEN BATTERIES

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
ELECTROCHEMICAL CELLS

ZINC-OXYGEN BATTERIES-(CONT)

ELECTRIC BATTERIES
PRIMARY BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES

ZINCBLLENDE

UF SPHALERITE
GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
ZINCBLLENDE
MINERALS
ZINCBLLENDE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
ZINC SULFIDES
ZINCBLLENDE
ZINC COMPOUNDS
ZINC SULFIDES
ZINCBLLENDE

ZIPPERS

GS FASTENERS
ZIPPERS
RT HOLDERS

ZIRCALLOY 2 (TRADEMARK)

GS ALLOYS
ZIRCONIUM ALLOYS
ZIRCALOYS (TRADEMARK)
ZIRCALLOY 2 (TRADEMARK)

ZIRCALOYS (TRADEMARK)

GS ALLOYS
ZIRCONIUM ALLOYS
ZIRCALOYS (TRADEMARK)
ZIRCALLOY 2 (TRADEMARK)
RT IRON ALLOYS
TIN ALLOYS

ZIRCONATES

GS ZIRCONIUM COMPOUNDS
ZIRCONATES
BARIUM ZIRCONATES
STRONTIUM ZIRCONATES

ZIRCONIUM

GS CHEMICAL ELEMENTS
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ZIRCONIUM ISOTOPES
ZIRCONIUM 95
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TRANSITION METALS
ZIRCONIUM
ZIRCONIUM ISOTOPES
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ZIRCONIUM ALLOYS

GS ALLOYS
ZIRCONIUM ALLOYS
ZIRCALOYS (TRADEMARK)
ZIRCALLOY 2 (TRADEMARK)

ZIRCONIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
ZIRCONIUM CARBIDES
ZIRCONIUM COMPOUNDS
ZIRCONIUM CARBIDES

ZIRCONIUM COMPOUNDS

GS ZIRCONIUM COMPOUNDS
ZIRCONATES
BARIUM ZIRCONATES
STRONTIUM ZIRCONATES
ZIRCONIUM CARBIDES
ZIRCONIUM HYDRIDES
ZIRCONIUM IODIDES
ZIRCONIUM NITRIDES
ZIRCONIUM OXIDES
ZIRCONIUM TITANATES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 4B COMPOUNDS
∞ METAL COMPOUNDS

ZIRCONIUM HYDRIDES

GS HYDROGEN COMPOUNDS
HYDRIDES
ZIRCONIUM HYDRIDES
ZIRCONIUM COMPOUNDS
ZIRCONIUM HYDRIDES

ZIRCONIUM IODIDES

GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
ZIRCONIUM IODIDES
IODINE COMPOUNDS
IODIDES
ZIRCONIUM IODIDES
ZIRCONIUM COMPOUNDS
ZIRCONIUM IODIDES

ZIRCONIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
METALS
TRANSITION METALS
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95

ZIRCONIUM NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
ZIRCONIUM NITRIDES
ZIRCONIUM COMPOUNDS
ZIRCONIUM NITRIDES
RT METAL NITRIDES

ZIRCONIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
ZIRCONIUM OXIDES
ZIRCONIUM COMPOUNDS
ZIRCONIUM OXIDES

ZIRCONIUM TITANATES

GS TITANIUM COMPOUNDS
TITANATES
ZIRCONIUM TITANATES
ZIRCONIUM COMPOUNDS
ZIRCONIUM TITANATES

ZIRCONIUM 95

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
ZIRCONIUM 95
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95
METALS
TRANSITION METALS
ZIRCONIUM
ZIRCONIUM ISOTOPES
ZIRCONIUM 95

ZODIAC

RT CONSTELLATIONS
ECLIPTIC
SCORPIUS CONSTELLATION
SCUTUM CONSTELLATION

ZODIACAL DUST

GS CELESTIAL BODIES
METEORIDS
MICROMETEORIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
DUST
COSMIC DUST
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
MEDIA
INTERPLANETARY MEDIUM
INTERPLANETARY DUST
METEOROID DUST CLOUDS
ZODIACAL DUST
RT EXPLORER SATELLITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
TERRESTRIAL DUST BELT

ZODIACAL LIGHT

GS ELECTROMAGNETIC RADIATION

ZONAL EARTH ENERGY BUDGET EXPERIMENT

ZODIACAL LIGHT-(CONT)

LIGHT (VISIBLE RADIATION)
ZODIACAL LIGHT
 EXTRATERRESTRIAL RADIATION
ZODIACAL LIGHT
 RT GEGENSCHN
 HELIOS PROJECT
 MICROMETEORIDS
 NIGHT SKY
 POLARIZED LIGHT
 POYNTING-ROBERTSON EFFECT
 SKY BRIGHTNESS
 SOLAR RADIATION
 SUNLIGHT

ZONAL EARTH ENERGY BUDGET EXPERIMENT

USE LZEEB SATELLITE

ZONAL HARMONICS

GS ANALYSIS (MATHEMATICS)
 FUNCTIONAL ANALYSIS
 HARMONIC ANALYSIS
ZONAL HARMONICS
 HARMONICS
ZONAL HARMONICS

ZOND SPACE PROBES

GS INTERPLANETARY SPACECRAFT
ZOND SPACE PROBES
 ZOND 1 SPACE PROBE
 ZOND 2 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 SOVIET SPACECRAFT
ZOND SPACE PROBES
 ZOND 1 SPACE PROBE
 ZOND 2 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 UNMANNED SPACECRAFT
ZOND SPACE PROBES
 ZOND 1 SPACE PROBE
 ZOND 2 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 RT MARS PROBES

ZOND 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
ZOND 1 SPACE PROBE
 ZOND SPACE PROBES
ZOND 1 SPACE PROBE
 SOVIET SPACECRAFT
 ZOND SPACE PROBES
ZOND 1 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 VENUS PROBES
ZOND 1 SPACE PROBE
 ZOND SPACE PROBES
ZOND 1 SPACE PROBE

ZOND 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 MARS PROBES
ZOND 2 SPACE PROBE
 ZOND SPACE PROBES
ZOND 2 SPACE PROBE
 SOVIET SPACECRAFT
 ZOND SPACE PROBES
ZOND 2 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 MARS PROBES
ZOND 2 SPACE PROBE
 ZOND SPACE PROBES
ZOND 2 SPACE PROBE

ZOND 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
ZOND 3 SPACE PROBE

ZOND 3 SPACE PROBE-(CONT)

ZOND SPACE PROBES
ZOND 3 SPACE PROBE
 SOVIET SPACECRAFT
 ZOND SPACE PROBES
ZOND 3 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 VENUS PROBES
ZOND 3 SPACE PROBE
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ZOND 4 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
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ZOND 4 SPACE PROBE
 SOVIET SPACECRAFT
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ZOND 4 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 VENUS PROBES
ZOND 4 SPACE PROBE
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ZOND 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
ZOND 5 SPACE PROBE
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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
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ZOND 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
 SPACE PROBES
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ZOND 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
ZOND 7 SPACE PROBE
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ZOND 7 SPACE PROBE
 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
 SPACE PROBES
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ZOND 7 SPACE PROBE

ZOND 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 VENUS PROBES
ZOND 8 SPACE PROBE
 ZOND SPACE PROBES
ZOND 8 SPACE PROBE
 SOVIET SPACECRAFT
 ZOND SPACE PROBES
ZOND 8 SPACE PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 VENUS PROBES
ZOND 8 SPACE PROBE
 ZOND SPACE PROBES
ZOND 8 SPACE PROBE

ZONE MELTING

UF ZONE REFINING

NASA THESAURUS (VOLUME 1)

ZONE MELTING-(CONT)

GS PHASE TRANSFORMATIONS
 FREEZING
ZONE MELTING
 RT ARC MELTING
 CRYSTALLIZATION
 FLOAT ZONES
 MELTING
 PURIFICATION
 REFINING
 ∞ SEPARATION
 ULTRAPURE METALS
 VACUUM MELTING

ZONE REFINING

USE ZONE MELTING

ZONES

USE REGIONS

∞ ZOOLOGY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT ANIMALS
 BOTANY
 ENTOMOLOGY
 ∞ SCIENCE
 TAXONOMY

ZOOM LENSES

GS LENSES
ZOOM LENSES
 RT LENS DESIGN

ZPR REACTORS

USE ZERO POWER REACTORS

ZUNI ROCKET VEHICLE

GS ROCKET VEHICLES
 SINGLE STAGE ROCKET VEHICLES
ZUNI ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES